

31st
ESPEN
Congress



THE EUROPEAN
SOCIETY FOR
CLINICAL
NUTRITION AND
METABOLISM

Vienna, Austria
From Saturday 29 August
to Tuesday 1 September 2009

Final Programme

Nutrition Networking

VIENNA

www.espen.org

Nutricia

your partner in improving clinical
outcomes for patients



 **NUTRICIA**
Advanced Medical Nutrition



TABLE OF CONTENTS

2	COMMITTEES
3	WELCOME MESSAGE
4	ABOUT ESPEN
6	ESPEN TIME SCHEDULE
7	PROGRAMME OVERVIEW
10	PROGRAMME DAY BY DAY
23	LLL COURSES
27	POSTERS PRESENTATIONS
28	GUIDED POSTER SESSIONS
29	POSTERS
43	CONGRESS INFORMATION
45	VIENNA INFORMATION
47	SOCIAL EVENTS & EXCURSIONS
48	ACKNOWLEDGEMENTS
49	SPONSORS & EXHIBITORS
54	EDUCATIONAL PROGRAMME - CONFLICT OF INTEREST
56	EXHIBITION AREA & PLANS





COMMITTEES

ESPEN 2009

LOCAL ORGANISING COMMITTEE

Michael Hiesmayr, *President*
Wilfred Druml, *Vice-President*
Erich Roth, *Vice-President*
Ibrahim Elmadfa
Peter Fasching
Andrea Hofbauer
Klara Jadrna
Friedrich Längle
Kurt Widhalm

LOCAL SCIENTIFIC COMMITTEE

Erich Roth, *Chairperson*
Sabine Gabor
Oliver Galvan
Michael Joannidis
Jürgen König
Monika Lechleitner
Gerhard Prager
Brigitte Winklhofer-Roob

LOCAL EDUCATIONAL COMMITTEE

Wilfred Druml, *Chairperson*
Anna Maria Eisenberger
Thomas Frühwald
Sonja Fruhwald
Karin Schindler
Barbara Schmid
Christian Vaculik

NATIONAL AUSTRIAN SOCIETY

AKE - Austrian Society for Clinical Nutrition
Wilfred Druml, *President*
Klara Jadrna, *Scientific secretary*
Romana Schlaffer, *Scientific assistant*
Bianca Reibenwein, *Scientific assistant*

CONGRESS VENUE

Reed Messe Wien Exhibition & Congress Centre

Messeplatz 1
1021 Vienna - Austria
www.messecongress.at

CONGRESS ORGANISER

ESPEN 2009

C/O MCI Suisse SA
Rue de Lyon 75
1211 Geneva 13 - Switzerland
Phone: +41 (0) 22 33 99 580
Fax: +41 (0) 22 33 99 631
Email: espen2009@mci-group.com
Web: www.espen.org/vienna
www.mci-group.com

Information regarding the Congress is available on the ESPEN website www.espen.org/vienna

CENTRAL ESPEN

CENTRAL ESPEN EXECUTIVE COMMITTEE

Chairperson	Olle Ljungqvist
General Secretary	Miguel León-Sanz
Treasurer	André Van Gossum
President 2009 Vienna	Michael Hiesmayr

CENTRAL ESPEN SCIENTIFIC COMMITTEE

Chairperson	Yves Boirie
Permanent Members	Stephan C. Bischoff Olav Rooyackers Edouardo Cabre-y-Gelada
Rotating Member	Erich Roth

CENTRAL ESPEN EDUCATIONAL COMMITTEE

Chairperson	Alastair Forbes
Physicians	Noël Cano Zeljko Krznaric Emese Antal Mette Holst Wilfred Druml
Dietitian	Alessandro Laviano
Nurse	Rémy Meier
Rotating Member	Claude Pichard
IT Officer	
LLL Course Directors	

COUNCIL COUNTRY REPRESENTATIVE

Kelly Mcllroy (Australia), Michael Hiesmayr (Austria), Yvo Duysburgh (Belgium), Nenad Vanis (Bosnia and Herzegovina), Simon Ajderian (Bulgaria), Darija Vranesic (Croatia), Vladimir Blaha (Czech Republic), Henrik Højgaard Rasmussen (Denmark), Pierre Dechelotte (France), Arved Weimann (Germany), János Weltner (Hungary), Kristinn Sigvaldason (Iceland), Danilo Radrizzani (Italy), Koichi Hirata (Japan), Ilze Jagmane (Latvia), Ingrida Lisauskiene (Lithuania), Kalina Grivcheva Stardelova (Macedonia), Wim Van-Gemert (Netherlands), Oivind Irtun (Norway), Teresa Korta (Poland), Aníbal Marinho (Portugal), Ioana Grintescu (Romania), Tamara Popova (Russia), Marina Panisic (Serbia), Ziva Mrevjle (Slovenia), Merce Planas-Vila (Spain), Tommy Cederholm (Sweden), Rémy Meier (Switzerland), Mehmet Uyar (Turkey), Jonathan Shaffer (United Kingdom), S. McClave (USA)



WELCOME MESSAGE

Dear Colleagues, dear Friends,

On behalf of the Austrian Society for Clinical Nutrition (AKE) it is a pleasure and a privilege to gather you for the 31st ESPEN Congress on Clinical Nutrition and Metabolism. Located in the heart of a Europe melting more and more together, lying at the banks of the Danube, an European artery connecting West and East, Vienna with its great scientific and cultural heritage and a centuries old tradition of hosting people of various cultures certainly was predestined for organizing this ESPEN Congress 2009 (actually the ESPEN congresses in 1982 and 1992 have already been in Vienna). The modern Messe Congress Centre is situated at the Vienna Prater, a large recreational area and is easily accessible from all parts of the city by underground. Our motto "Nutrition Networking - From the Cell to Europe" suggests a holistic view of metabolism and nutrition from isolated cellular events to a patient as a whole, from an isolated metabolic intervention to a therapy which is an essential component in the global therapeutic approach of the patient, from a single individual to society. "Networking" also indicates an interdisciplinary and interprofessional cooperation of physicians, nutritionists, dietitians, pharmacists, an integration of basic science, clinical medicine and education and last but not least also a promotion of international exchange and cooperation. Today, Vienna is a cosmopolitan, dynamic city with a booming cultural and economic life. With its rich architecture, the sound of music in the air, the "Kaffee- Haus" and wine at the "Heuriger", an acclaimed Central European "fusion cuisine", we can certainly offer you in Vienna not only a high pitched scientific programme but also an ambiance where you can relax, meet friends, and exchange ideas. Networking also means meeting people, see old and make new friends. We are pleased to welcome all of you warmly to the 31st ESPEN Congress!

Prof. Michael HIESMAYR

President of the ESPEN 2009 Congress

Prof. Erich ROTH

Chairman of the Local Scientific Committee

Prof. Wilfred DRUML

Chairman of the Local Educational Committee



ABOUT ESPEN

ESPEN, The European Society for Clinical Nutrition and Metabolism, is a multiprofessional society dedicated to all issues relevant to the field of Clinical Nutrition and Metabolism and promotes:

- Basic and clinical research
- Basic and advanced education
- Organization of consensus statements about clinical care and care quality control
- Networking for nutrition-related professionals

The aims of ESPEN are to encourage the rapid diffusion of knowledge and its application in the field of Clinical Nutrition and Metabolism.

ESPEN sponsors two journals, Clinical Nutrition and e-SPEN Journal, for which it assumes editorial, as distinct from publishing, responsibility.

ESPEN promotes experimental and clinical research, fosters high ethical standards of practice and investigation, and promotes contact between investigators and clinicians in related fields.

HISTORY

ESPEN was formally established in 1980, but its foundations were laid in an informal International meeting in Stockholm in 1979, which has commonly come to be regarded as the first ESPEN meeting. Here, it was decided to set up a multidisciplinary Society devoted to the study of metabolic problems associated with acute diseases together with their nutritional implications and management and, to publish a journal on Clinical Nutrition.

It was not the first Society associated to clinical nutrition. ISPN, the International Society of Parenteral Nutrition, had been founded in 1966 to discuss the scientific work arising from the rapid development in Europe of parenteral nutrition in the late 50s and early 60s. ISPN, which counted both European and American members, held its meetings during the ICN Congresses in various parts of the world. The spreading interest in parenteral nutrition in the US in the 60s eventually led to the establishment of the American Society of Parenteral and Enteral Nutrition (ASPEN) in 1977.

ISPN had to redefine its role to better target the needs of those involved in clinical nutrition in Europe and it was decided that there was a need for a scientifically-orientated organisation providing a common ground for European scientists from many disciplines involved in nutritional support. A first informal meeting was therefore held in Stockholm in 1979 and invitations were sent to key individuals in the various European countries with an interest in clinical nutrition. Financial support was granted by a number of European industrial firms.

The following year a meeting of 800 participants was held in Newcastle where ESPEN was officially founded and its constitution agreed: the Society's officers would be composed of a President, a Secretary, a Treasurer and two Auditors; there would also be a Council, consisting of one key member from each participating country who would elect members to the Executive Committee.

The success of the following meetings in terms of number of participants (Maastricht (1981) with 1300 participants, Vienna (1982) with 1800 participants) and industrial exhibitions showed that ESPEN was stimulating considerable interest both in the scientific and industrial world. Its growing responsibilities led to the establishment of a Scientific Committee that was to assist in giving scientific direction to the meetings and lay down guidelines to maintain high standards for abstract selection, evaluate and select abstracts and appoint reviewers for each topic and; an Educational Committee, whose task was to coordinate the educational aspects of the Society, and an Industry Liaison Group to develop links between ESPEN and the industry.

The Society's rapid expansion in the following years called for further adjustments in terms of ESPEN's organisation and policy. A President in charge of organising the following Congress would serve on the Executive Committee for one year, while a Committee Chairman would serve for four years to ensure continuity to ESPEN's policy. Research was promoted by offering a gradually increasing number of travel fellowships and ESPEN Research Fellowships. The first postgraduate course, run by the Educational Committee, was established in Brussels in 1984. Steps were taken to widen the participation of the members in running the affairs of the Society, and smaller additional meetings were held in Budapest and Tel Aviv to facilitate the spread of knowledge and provide scientific interchange in wider geographical areas. The first website was created in 1999 to further disseminate ESPEN's activities (www.espen.org). In time, the Scientific and Educational Committees were enlarged to include representatives of all disciplines.



ABOUT ESPEN

The Society's educational role has constantly been strengthened over the years: the Congress educational programme, now expanded to two days, caters for specialist groups (nurses, dietitians, pharmacists, physicians) and the importance of postgraduate training is reflected in the increasing number of residential courses and workshops held throughout the years on specific topics. The virtual university, a multimodule internet-based "Life-Long Learning (LLL)" curriculum was launched in 2004 to offer access-free education and to pave the way of the creation of the European Certificate in Nutrition and Metabolic disorders (www.espen.org/lllprogramme.html). Simultaneously, the ESPEN Blue Book was released as a low cost textbook. The Educational Committee was also made responsible for coordinating consensus statements on clinical nutrition (www.espen.org/espen-guidelines.html) and guidelines for clinical practice, the results of which are published in our journals Clinical Nutrition and e-SPEN Journal (on-line only).

ESPEN has always endeavoured to maintain high scientific standards in its Congresses and to this end, the Scientific Committee was given the responsibility of evaluating the about 500 abstracts submitted for each Congress and appointing a panel of reviewers for each topic. ESPEN's journals Clinical Nutrition has been steadily expanding in terms of circulation and number of issues per year (published bimonthly, it has a circulation of over 1000 copies). It is now included in Index Medicus and Current Contents/Life Sciences. The on-line only journal "e-SPEN Journal", was founded in 2006 to publish educational material and other original contributions to further foster scientific interaction. Special Interest Groups of various topics related to clinical nutrition and metabolism have been active since 2001. ESPEN offers a platform and a forum for groups of professionals and for groups with special interests at the Congresses (www.espen.org).

The years 1996 and 1997 marked yet another phase of growth of the Society. With a view to expanding its representativity and thus gaining some influence at the European policy-making level, ESPEN has offered National Societies involved in clinical nutrition the possibility of taking out block memberships for a reduced fee. Then International Clinical Nutrition Federation of national societies have joined the Council. The global interest in ESPEN is continuously growing. In the most recent years, societies from around the world, including ASPEN, JSPEN and AuSPEN, have also joined the ESPEN family and have blocked membership and representation in the ESPEN Council.

In the last decade ESPEN has made special effort to produce Guidelines. In 2006 the ESPEN Guidelines on Enteral Nutrition was published, and later this year the ESPEN Guidelines on Parenteral Nutrition was published. ESPEN has also been an initiator of an effort to create global guidelines. In line with producing up to date guidelines, ESPEN also supported and co-initiated the launch of an awareness campaign in 2006, the "nutritionDay" project. This started as a European project involving over 16,000 hospitalized patients in over 25 countries in Europe in a one-day survey of nutritional status, intake, prescriptions related to 30 day outcomes. This project has now grown to involve over 50,000 patients in Europe and also elsewhere in the world.

Being active in the field of Clinical Nutrition and Metabolism has been and continues to be most rewarding. In recent years it has become even more obvious that metabolism and metabolic changes are in the core of all diseases and their presentation. It has also been clearly shown that the field of clinical nutrition is one of areas where there is still room for substantial improvement in the daily care and where solutions to problems are available. The challenge of clinical nutrition is not only related to increasing the understanding of the pathology of metabolic disturbances and the mechanisms of actions of various nutrients. Current and future challenges lie also in increasing the awareness of the problems – malnutrition does not always have to be a part of disease – and perhaps even more important ensuring that current knowledge is coming to use in daily practice. ESPEN is striving to be the meeting place for all of you wishing to be involved in the development and improvement of clinical nutrition and metabolism.

OLLE LJUNGQVIST	Chairman
NICOLAAS E.P. DEUTZ	Editor in Chief
CLAUDE PICHARD	Past Chairman

Reference: Clark, R. & Vinnars, E. "Early History of ESPEN" Clinical Nutrition 1994; 13:57-61





TIME SCHEDULE

Friday 28 August 2009

- 08:00 - 22:00 Exhibition set-up
(not opened to delegates)
08:30 - 18:00 LLL Registration ONLY
17:00 - 19:00 Congress Registration
09:00 - 13:00 LLL Courses
13:00 - 14:00 Break
14:00 - 18:00 LLL Courses

Saturday 29 August 2009

- 08:00 - 21:00 Registration
11:00 - 18:00 Exhibition
08:30 - 10:30 Special Interest Groups
09:00 - 13:00 LLL Courses
11:00 - 12:30 Satellite Symposia
12:30 - 13:30 Break
13:30 - 14:30 Opening Ceremony
14:00 - 18:00 LLL Courses
14:30 - 16:00 Scientific & Educational
Sessions
14:30 - 16:00 Oral Communications
16:00 - 16:30 Coffee Break
16:30 - 18:00 Scientific & Educational
Sessions
18:00 - 21:00 Welcome Party

Sunday 30 August 2009

- 07:30 - 19:00 Registration
09:00 - 17:45 Exhibition
09:00 - 17:45 Poster Viewing
07:30 - 08:30 Special Interest Groups
08:00 - 10:00 Educational LLL session
08:30 - 10:00 Scientific & Educational Sessions
08:00 - 12:00 LLL Courses
10:00 - 10:30 Coffee Break
10:30 - 11:15 Sir David Cuthbertson Lecture
11:15 - 12:00 ESPEN Best Abstracts 2009 &
ESPEN Travel Awards
12:00 - 12:30 Lunch & Poster viewing
12:30 - 14:00 Chaired poster visit
13:30 - 15:30 Educational LLL session
14:00 - 18:00 LLL Courses
14:00 - 15:30 Scientific & Educational Sessions
15:30 - 16:00 Coffee Break
16:00 - 17:30 Scientific & Educational
Sessions
16:00 - 17:30 Oral Communications
17:45 - 19:15 Satellite Symposia

Monday 31 August 2009

- 07:30 - 19:00 Registration
09:00 - 17:45 Exhibition
09:00 - 17:45 Poster Viewing
07:30 - 08:30 Special Interest Groups
08:00 - 10:00 Educational LLL session
08:00 - 12:00 LLL Courses
08:30 - 10:00 Scientific & Educational
Sessions
10:00 - 10:30 Coffee Break
10:30 - 11:15 Arvid Wretling Lecture
11:15 - 12:00 Fight Against Malnutrition
12:00 - 12:30 Lunch & Poster viewing
12:30 - 14:00 Chaired poster visit
13:30 - 15:30 Educational LLL session
13:30 - 17:30 LLL Courses
14:00 - 15:30 Scientific & Educational
Sessions
14:00 - 15:30 Oral Communications
15:30 - 16:00 Coffee Break
16:00 - 17:30 Satellite Symposia
17:30 - 19:00 ESPEN General Assembly

Tuesday 1 September 2009

- 08:00 - 12:00 Registration
09:00 - 12:00 Exhibition
08:00 - 12:00 LLL Courses
08:30 - 10:00 Scientific & Educational
Sessions
08:30 - 10:00 Oral Communications
10:00 - 10:30 Coffee Break
10:30 - 12:00 Scientific & Educational
Sessions
10:30 - 12:00 Oral Communications



PROGRAMME OVERVIEW

Educational & Clinical Practice Sessions
Scientific Sessions

TIME	FRIDAY 28 AUGUST 2009	ROOMS
09:00 - 13:00	<i>LLL Courses (see LLL information)</i>	<i>Schubert Rooms</i>
13:00 - 14:00	LLL Lunch Break	
14:00 - 18:00	<i>LLL Courses (see LLL information)</i>	<i>Schubert Rooms</i>

TIME	SATURDAY 29 AUGUST 2009	ROOMS
08:30 - 10:30	Special Interest Groups	Schubert Rooms
09:00 - 13:00	<i>LLL Courses (see LLL information)</i>	<i>Schubert Rooms</i>
11:00 - 12:30	Satellite Symposia: – Nestlé Nutrition – Baxter	Lehar 1, 2, 3 Stolz
12:30 - 13:30	Break	
13:30 - 14:30	Opening Ceremony - Clemens von Pirquet Lecture	Strauss
14:00 - 18:00	<i>LLL Courses (see LLL information)</i>	<i>Schubert Rooms</i>
14:30 - 16:00	Lipid supplementation in critical illness	Lehar 1, 2, 3
14:30 - 16:00	Maintenance of musculoskeletal mass: Interplay of nutrition and exercise	Strauss
14:30 - 16:00	Free Scientific presentations - Nutrition and Cancer	Lehar 4
14:30 - 16:00	<i>Educational session - Neglected deficiencies in severe malnutrition: phosphate and thiamine</i>	<i>Stolz</i>
16:00 - 16:30	Coffee break	Exhibition Area
16:30 - 18:00	Bariatric surgery and metabolic syndrome	Lehar 1, 2, 3
16:30 - 18:00	Recommended or optimal protein intake?	Strauss
16:30 - 18:00	Hot topic	Stolz
16:30 - 18:00	<i>Educational session - Nutritional implications of renal replacement therapy in ICU</i>	<i>Lehar 4</i>
18:00 - 21:00	Welcome Party	Congress Centre Foyer



PROGRAMME OVERVIEW

TIME	SUNDAY 30 AUGUST 2009	ROOMS
07:30 - 08:30	SIG Home Artificial & Chronic Intestinal Failure - Working group	Schubert 3
07:30 - 08:30	Associate Editors & Publishers Meeting (Upon invitation only)	Schubert 4
07:30 - 09:00	FELANPE Meeting	Schubert 5
08:00 - 10:00	<i>Educational LLL session - Nutritional support in paediatric patients</i>	Stolz
08:00 - 12:00	<i>LLL Courses (see LLL information)</i>	Schubert Rooms
08:30 - 10:00	From genomics to metabolomics	Lehar 1, 2, 3
08:30 - 10:00	Reverse Epidemiology: Fatter is better?	Strauss
08:30 - 10:00	<i>Educational session - Dietitians' Scientific Session</i>	Lehar 4
10:00 - 10:30	Coffee break	Exhibition Area
10:30 - 11:15	Sir David Cuthbertson Lecture	Strauss
11:15 - 12:00	ESPEN Best Abstracts 2009 & ESPEN Travel Awards	Strauss
12:00 - 12:30	Lunch and poster viewing	Exhibition and Posters Areas
12:30 - 14:00	Chaired poster visit	Posters Area
13:30 - 15:30	<i>Educational LLL session - ICU nutrition: Treatment and problem solving</i>	Lehar 4
14:00 - 18:00	LLL Courses (see LLL information)	Schubert Rooms
14:00 - 15:30	Orexigenics: Fighting appetite loss	Stolz
14:00 - 15:30	Metabolism and Nutrition in the critical ill children	Lehar 1, 2, 3
14:00 - 15:30	<i>Educational session - Networking with your microbiota</i>	Strauss
15:30 - 16:00	Coffee Break	Exhibition Area
16:00 - 17:30	Malnutrition-Inflammation-Atherosclerosis syndrome in renal disease: the players	Stolz
16:00 - 17:30	The new world of lipid mediators	Lehar 1, 2, 3
16:00 - 17:30	Free scientific presentations - Critical Care	Lehar 4
16:00 - 17:30	<i>Educational session - Better hospital food - alternatives to supplements</i>	Strauss
17:45 - 19:15	Satellite Symposium: – Nutricia Advanced Medical Nutrition	Lehar 1, 2, 3



PROGRAMME OVERVIEW

TIME	MONDAY 31 AUGUST 2009	ROOMS
07:30 - 08:30	SIG Genes & Nutrition	Schubert 3
07:30 - 08:30	Annual Journal Meeting	Schubert 4
08:00 - 10:00	<i>Educational LLL session - Nutrition in obesity</i>	<i>Strauss</i>
08:00 - 12:00	LLL Courses (see LLL information)	Schubert Rooms
08:30 - 10:00	Optimal energy to the critically ill	Lehar 1, 2, 3
08:30 - 10:00	Free scientific presentations - Geriatrics	Stolz
08:30 - 10:00	Clinical Nutrition Symposium	Lehar 4
10:00 - 10:30	Coffee break	Exhibition Area
10:30 - 11:15	Arvid Wretlind Lecture	Strauss
11:15 - 12:00	Fight Against Malnutrition	Strauss
12:00 - 12:30	AKE General Assembly (for members only)	Schubert 3
12:00 - 12:30	Lunch and poster viewing	Exhibition & Posters Area
12:30 - 14:00	Chaired poster visit	Posters Area
13:30 - 15:30	<i>Educational LLL session - Nutrition and disease prevention</i>	<i>Strauss</i>
13:30 - 17:30	LLL Courses (see LLL information)	Schubert Rooms
14:00 - 15:30	Inter-splanchnic networking	Lehar 1, 2, 3
14:00 - 15:30	<i>Educational session - Nursing Practice Scientific Session</i>	<i>Lehar 4</i>
14:00 - 15:30	Free scientific presentations - Obesity and the metabolic syndrome	Stolz
15:30 - 16:00	Coffee Break	Exhibition Area
16:00 - 17:30	<i>nutritionDay</i>	<i>Lehar 4</i>
16:00 - 17:30	Satellite Symposia: – Fresenius Kabi – Abbott	Lehar 1, 2, 3 Stolz
16:00 - 17:30	SIG Tracer Methodology	Schubert 6
17:30 - 19:00	General Assembly (for members only)	Strauss

TIME	TUESDAY 1 SEPTEMBER 2009	ROOMS
08:00 - 12:00	<i>LLL Courses (see LLL information)</i>	<i>Schubert Rooms</i>
08:30 - 10:00	Catch up growth and children obesity	Stolz
08:30 - 10:00	Cancer malnutrition	Strauss
08:30 - 10:00	Free scientific presentations - Liver and gastrointestinal tract	Lehar 4
08:30 - 10:00	Educational session - Jejunal tubes - a missed opportunity?	Lehar 1, 2, 3
10:00 - 10:30	Coffee break	Exhibition Area
10:30 - 12:00	Metabolic care in high risk patients: The chronic alcoholic	Stolz
10:30 - 12:00	Free scientific presentations - Metabolic regulation	Lehar 4
10:30 - 12:00	<i>Educational session - Normoglycaemia in the acute patient</i>	<i>Strauss</i>
10:30 - 12:00	<i>Educational session - Nutrition after discharge from hospital</i>	<i>Lehar 1, 2, 3</i>



PROGRAMME DAY BY DAY

FRIDAY - SATURDAY

Educational & Clinical Practice Sessions
Scientific Sessions

TIME	FRIDAY 28 AUGUST 2009	SPEAKERS / ROOMS
09:00 - 13:00	<i>LLL Courses (see LLL information)</i>	<i>Schubert Rooms</i>
13:00 - 14:00	LLL Lunch Break	
14:00 - 18:00	<i>LLL Courses (see LLL information)</i>	<i>Schubert Rooms</i>
TIME	SATURDAY 29 AUGUST 2009	SPEAKERS / ROOMS
08:30 - 10:30	Special Interest Groups SIG Nutrition and Geriatrics SIG Acute Intestinal Failure	Schubert 5 Schubert 1
09:00 - 13:00	<i>LLL Courses (see LLL information)</i>	<i>Schubert Rooms</i>
11:00 - 12:30	Satellite Symposia: Nestlé Nutrition Nutrition and Functionality Moderator: C. Sieber (Switzerland) – Introduction – Minimizing Falls and Fractures: Role of Nutrition – Nutritional and exercise interventions to augment muscle mass in the elderly – The MNA - New insights from an internationally pooled database Baxter The 3 pillars of personalized parenteral nutrition therapy: a simple choice Moderator: C. Pichard (Switzerland) – Nutritional Support – Parenteral nutrition for stable patients – Parenteral nutrition for metabolically stressed patients	Lehar 1, 2, 3 C. Sieber (Switzerland) H.A. Bischoff-Ferrari (Switzerland) L.J.C. van Loon (Netherlands) J.M. Bauer (Germany) Stolz C. Pichard (Switzerland) A. Laviano (Italy) G. Kreyman (Switzerland)
12:30 - 13:30	Break	



PROGRAMME DAY BY DAY

SATURDAY

13:30 - 14:30	<p>Opening Ceremony Moderators: O. Ljungqvist (Sweden), M. Hiesmayr (Austria) Clemens von Pirquet Lecture: Networking in the Nutritional Care</p>	<p>Strauss W. Druml (Austria)</p>
14:00 - 18:00	<p>LLL Courses (see LLL information)</p>	<p>Schubert Rooms</p>
14:30 - 16:00	<p>Lipid supplementation in critical illness Moderators: R. Griffiths (United Kingdom), C. Madl (Austria) Apolipoproteins in sepsis Should we ever give iv lipids during hyperlipidaemia? Do we need cholesterol supplementation in the ICU?</p>	<p>Lehar 1, 2, 3 J. Berbée (Netherlands) A. Garcia De Lorenzo (Spain) W. Druml (Austria)</p>
14:30 - 16:00	<p>Maintenance of musculoskeletal mass: Interplay of nutrition and exercise Moderators: E. Roth (Austria), Y. Boirie (France) Use and abuse of nutritional supplements in sport Anabolic action of hormones Optimal protein intake during exercise</p>	<p>Strauss R. Maughan (United Kingdom) G. Biolo (Italy) L. Van Loon (Netherlands)</p>
14:30 - 16:00	<p>Free Scientific presentations - Nutrition and Cancer Moderators: F. Fearon (United Kingdom), S. Gabor (Austria)</p> <p>O001 A DIET CONTAINING WHEY PROTEINS, FREE GLUTAMINE AND TGF-BETA IMPROVES INTESTINAL MUCOSITIS AND NUTRITIONAL OUTCOME IN A MODEL OF REPEATED CHEMOTHERAPEUTIC CHALLENGES IN RATS N. Boukhettala</p> <p>O002 FISH OIL AND LEUCINE- INDUCED DECREASES IN PLASMA CALCIUM OF TUMOR-BEARING MICE CORRELATE WITH INCREASES IN EX-VIVO MUSCLE FUNCTION AND DAILY ACTIVITY K. van Norren</p> <p>O003 A SPECIFIC NUTRITIONAL COMBINATION REDUCES BACTERIAL INFECTION IN A MURINE MODEL FOR CHEMOTHERAPY-INDUCED NEUTROPENIA A-P. Vos</p> <p>O004 INCREASED ANTITUMOUR EFFECT OF 5-FLUOROURACIL BY N-3 POLYUNSATURATED FATTY ACIDS IN NUDE MICE XENOGRAFTED WITH HUMAN COLORECTAL TUMOURS V. Granci</p> <p>O005 FISH OIL FEEDING IMPROVES LONG-TERM SURVIVAL AFTER SURGICAL RESECTION OF A TUMOR: PROBABLE ROLE OF PERI-OPERATIVE IMMUNITY AGAINST MICRO-METASTASES H. Shapiro</p> <p>O006 SWALLOWING ABILITY, FOOD INTAKE AND NUTRITIONAL STATUS IN HEAD AND NECK CANCER PATIENTS M.A. van den Berg</p> <p>O007 GLUTAMINE ADMINISTRATION STIMULATES THE GROWTH BUT DOES NOT AFFECT IN VITRO AND IN VIVO THE RADIOSENSITIVITY OF HUMAN COLORECTAL ADENOCARCINOMA CELL LINES L. Belabed</p>	<p>Lehar 4</p>



PROGRAMME DAY BY DAY

SATURDAY

14:30 - 16:00	<p>Educational session - Neglected deficiencies in severe malnutrition: phosphate and thiamine <i>Moderator: A. Shenkin (United Kingdom)</i> <i>Case-based introduction</i> <i>Case-based introduction</i> <i>Commentary - phosphate</i> <i>Commentary - thiamine</i></p>	<p>Stolz</p> <p><i>M. Panisic (Serbia)</i> <i>A-M. Liberati-Cizmek (Croatia)</i> <i>P. Crenn (France)</i> <i>E. Doberer (Austria)</i></p>
16:00 - 16:30	<p>Coffee break</p>	<p>Exhibition Area</p>
16:30 - 18:00	<p>Bariatric surgery and metabolic syndrome <i>Moderators: A. Thorell (Sweden), A. Weimann (United Kingdom)</i> <i>From surgical techniques to metabolic changes</i> <i>Hormonal changes</i> <i>Starvation signals</i></p>	<p>Lehar 1, 2, 3</p> <p><i>G. Prager (Austria)</i> <i>T. Alexandrides (Greece)</i> <i>R. Barazzoni (Italy)</i></p>
16:30 - 18:00	<p>Recommended or optimal protein intake? <i>Moderators: P.B. Soeters (Netherlands), NEP Deutz (USA)</i> <i>High protein intake in healthy subjects</i> <i>Protein intake during aging</i> <i>Protein intake in the ICU</i></p>	<p>Strauss</p> <p><i>J. Kondrup (Denmark)</i> <i>S. Walrand (France)</i> <i>R. Griffiths (United Kingdom)</i></p>
16:30 - 18:00	<p>Hot topic <i>Moderators: O. Rooyackers (United Kingdom), O. Ljungqvist (Sweden)</i> <i>Multimodal approach of chronic diseases treatment</i> <i>Stable isotope tracer data and their analysis in metabolomic research</i> <i>Auditing role of the colonic epithelium - Insight from novel sensing proteins</i> <i>Novel mechanisms and therapeutic implications of oxidative stress in pancreatitis</i></p>	<p>Stolz</p> <p><i>N. Cano (France)</i></p> <p><i>V. Selivanov (Spain)</i> <i>K. Tappenden (USA)</i></p> <p><i>S. McClave (USA)</i></p>
16:30 - 18:00	<p>Educational session - Nutritional implications of renal replacement therapy in ICU <i>Moderator: M. Joannidis (Austria)</i> <i>Why and how renal replacement therapy is used</i> <i>Nutritional consequences of RRT</i> <i>Nutritional support - how much nitrogen?</i></p>	<p>Lehar 4</p> <p><i>M. Joannidis (Austria)</i> <i>E. Fiaccadori (Italy)</i> <i>W. Druml (Austria)</i></p>
18:00 - 21:00	<p>Welcome Party <i>Come and enjoy meeting friends and colleagues with a drink, typical Austrian food and live music!</i></p>	<p>Congress Centre Foyer</p>



PROGRAMME DAY BY DAY

SUNDAY

TIME	SUNDAY 30 AUGUST 2009	SPEAKERS / ROOMS
07:30 - 08:30	SIG Home Artificial & Chronic Intestinal Failure - Working group	Schubert 3
07:30 - 08:30	Associate Editors & Publishers Meeting (Upon invitation only)	Schubert 4
07:30 - 09:00	FELANPE Meeting	Schubert 5
08:00 - 10:00	Educational LLL session - Nutritional support in paediatric patients <i>Moderator: B. Koletzko (Germany)</i> <i>Nutritional requirements in neonats</i> <i>Nutritional support in ICU pediatric patients</i> <i>Nutritional interventions in the obese child/adolescent</i> <i>Nutritional requirements in pregnancy and lactation</i> <i>The second part (discussion and test) for registered participants to this LLL Session will take place in Room Schubert 4 from 10:30 to 12:30.</i>	Stolz <i>J. van Goudoever (Netherlands)</i> <i>J. Schweizer (Netherlands)</i> <i>B. Koletzko (Germany)</i> <i>I. Hösli (Switzerland)</i>
08:00 - 12:00	LLL Courses (see LLL information)	Schubert Rooms
08:30 - 10:00	From genomics to metabolomics <i>Moderators: J. Koenig (Austria), L. Cynober (France)</i> <i>Genomics and Proteomics in Nutrition research</i> <i>Opportunities and challenges of metabolomics</i> <i>Network analysis of amino acids</i>	Lehar 1, 2, 3 <i>H. Daniel (Germany)</i> <i>M. Gibney (Ireland)</i> <i>T. Kimura (Japan)</i>
08:30 - 10:00	Reverse Epidemiology: Fatter is better? <i>Moderators: A. Schols (Netherlands), W. Druml (Austria)</i> <i>Survival benefit of obesity in the acute care setting</i> <i>Protective effect of adiposity in heart failure</i> <i>Potential explanations for reverse epidemiology in kidney disease</i>	Strauss <i>M. Hiesmayr (Austria)</i> <i>S. Anker (Germany)</i> <i>K. Kalantar-Zadeh (USA)</i>
08:30 - 10:00	Educational session - Dietitians' Scientific Session <i>Moderators: E. Antal (Hungary), C. Jonkers (Netherlands)</i> P012 ASSESSMENT OF INTESTINAL PERMEABILITY AND INTERFERON-GAMA LEVELS AFTER NITRIC OXIDE INHIBITION IN ANIMALS SUPPLEMENTED WITH GLUTAMINE <i>M-T. Correia</i> P088 ONE DAY OF MODERATE ENERGY DEFICIT SIGNIFICANTLY REDUCES FASTING AND POSTPRANDIAL TRIACYLGLYCEROLEMIA IN WOMEN: THE ROLE OF CALORIE RESTRICTION AND EXERCISE <i>M. Maraki</i> P197 SELECTION BIAS IN CROSS-SECTIONAL STUDIES: LENGTH BIAS IN THE NUTRITIONDAY STUDY <i>E. Pernicka</i> P264 HOW TO DECREASE MICROALBUMINURIA IN TYPE 2 DIABETIC PATIENTS USING MICRONUTRIENTS SUPPLEMENTATION? <i>M. Sadat Farvid</i> P293 METABOLIC SYNDROME IS ASSOCIATED WITH AGGRESSIVE COLORECTAL TUMOUR PHENOTYPE IN MALES ONLY <i>L-A. Healy</i>	Lehar 4



PROGRAMME DAY BY DAY

SUNDAY

10:00 - 10:30	Coffee break	Exhibition Area
10:30 - 11:15	Sir David Cuthbertson Lecture Moderators: M. León Sanz (Spain), A. Van Gossum (Belgium) Citrulline: a new potent regulator of protein metabolism?	Strauss L. Cynober (France)
11:15 - 12:00	ESPEN Best Abstracts 2009 & ESPEN Travel Awards Moderators: Y. Boirie (France), E. Roth (Austria) O010 PROTEIN PULSE FEEDING IMPROVES LEAN MASS IN MALNOURISHED HOSPITALIZED ELDERLY PATIENTS. A PROSPECTIVE RANDOMIZED STUDY O. Bouillanne O011 DIETARY VITAMIN K2 SUPPLEMENT IMPROVES BONE STATUS AFTER LUNG AND HEART TRANSPLANTATION L. Forli O012 LOSS OF BODY MASS AND EXERCISE ENDURANCE UNDER HYPOXIC CONDITIONS IS REDUCED WITH GLYCEROPHOSPHOLIPIDS ENRICHED INDOCOSAHEXAENOICACID (GPL-DHA) SUPPLEMENTATION IN RODENTS C. Pison	Strauss
12:00 - 12:30	Lunch and poster viewing	Exhibition and Posters Areas
12:30 - 14:00	Chaired poster visit	Posters Area
13:30 - 15:30	<i>Educational LLL session - ICU nutrition: Treatment and problem solving</i> <i>Moderator: M. Hiesmayr (Austria)</i> <i>Specific Substrates for artificial nutrition in the ICU</i> <i>Promoting homeostasis during nutrition support</i> <i>Barriers to oral, enteral nutrition, parenteral nutrition</i> <i>Clinical priorities for solving ICU nutritional problems</i> <i>The second part (discussion and test) for registered participants to this LLL Session will take place in Room Schubert 4 from 16:00 to 18:00.</i>	Lehar 4 J-C. Preiser (Belgium) M. Hiesmayr (Austria) P. Singer (Israel) I. Grecu (Romania)
14:00 - 18:00	LLL Courses (see LLL information)	Schubert Rooms
14:00 - 15:30	Orexigenics: Fighting appetite loss Moderators: C. Sieber (Germany), M. Elia (United Kingdom) Gut-brain crosstalk in appetite regulation Dysregulation of appetite during cancer Clinical trials on orexigenic therapies	Stolz S. Bloom (United Kingdom) A. Laviano (Italy) A. Jatoi (USA)



PROGRAMME DAY BY DAY

SUNDAY

14:00 - 15:30	<p>Metabolism and Nutrition in the critical ill children Moderators: J. Schweizer (Netherlands), R. Barazzoni (Italy) Are critically ill kids growing and do we need to feed them accordingly Energy and protein metabolism and feeding</p> <p>O008 INCIDENCE AND RISK FACTORS FOR THIAMINE AND RIBOFLAVIN DEFICIENCIES IN CRITICALLY ILL CHILDREN H-P. Leite</p> <p>O009 GROWTH, BODY COMPOSITION AND GH/IGF1 AXIS IN CHILDREN ON LONG TERM PARENTERAL NUTRITION (LTPN) E. Marinier</p>	<p>Lehar 1, 2, 3</p> <p>A. Pierro (United Kingdom)</p> <p>K. Joosten (Netherlands)</p>
14:00 - 15:30	<p>Educational session - Networking with your microbiota Moderators: S.M. Schneider (France), H. Lochs (Germany) Influence of microbiota on energy balance Prophylactic use in all hospital patients? Specific evidence-based indications</p>	<p>Strauss</p> <p>N. Delzenne (Belgium) S.M. Schneider (France) H. Lochs (Germany)</p>
15:30 - 16:00	Coffee Break	Exhibition Area
16:00 - 17:30	<p>Malnutrition-Inflammation-Atherosclerosis syndrome in renal disease: the players Moderators: E. Roth (Austria), N. Cano (France) Inflammation: A key element in the wasting process Inflammation and vascular calcification in renal disease - partners in crime Is inflammation a reversible cause of malnutrition?</p>	<p>Stolz</p> <p>A. Ikizler (USA) P. Stenvinkel (Sweden)</p> <p>D. Fouque (France)</p>
16:00 - 17:30	<p>The new world of lipid mediators Moderators: P. Calder (United Kingdom), Y. Carpentier (Belgium) New lipid mediators with anti inflammatory properties Omega 3 index Membrane composition and cell functions</p>	<p>Lehar 1, 2, 3</p> <p>N. Chiang (USA) W.S. Harris (USA) P. Calder (United Kingdom)</p>
16:00 - 17:30	<p>Free scientific presentations - Critical Care Moderators: P. Singer (Israel), F. Brunkhorst (Germany)</p> <p>O013 PERIOPERATIVE INTRAVENOUS GLUTAMINE SUPPLEMENTATION IN MAJOR ABDOMINAL SURGERY FOR CANCER: A RANDOMIZED MULTICENTER TRIAL M. Braga</p> <p>O014 TIGHT CALORIE BALANCE CONTROL DECREASES HOSPITAL MORTALITY IN A PROSPECTIVE RANDOMIZED CONTROLLED STUDY: THE FINAL SINGLE CENTER TICACOS RESULTS R. Anbar</p> <p>O015 GLUTAMINE IMPROVES LIVER MITOCHONDRIAL FUNCTION IN CRITICALLY-ILL PATIENTS E. Eaton</p>	<p>Lehar 4</p>



PROGRAMME DAY BY DAY

SUNDAY

- O016 ARGININE/ADMA IS A PREDICTOR FOR CARDIAC OUTPUT IN SEPTIC SHOCK PATIENTS
M-A. Vermeulen
- O017 INTENSIVE INSULIN THERAPY INCREASES GLUTATHIONE SYNTHESIS RATE IN PATIENTS WITH STRESS HYPERGLYCEMIA
B. Massolino
- O018 OVERFEEDING, UNDERFEEDING, AND ASSOCIATION WITH ICU LENGTH OF STAY AND OUTCOME: DOES THE CALORIC TARGET MATTER? DATA FROM ICU NUTRITIONDAY
B. Mora
- O019 HIGH PREVALENCE OF PYRIDOXAL 5'-PHOSPHATE DEFICIENCY IN CRITICALLY ILL PATIENTS DURING 7 DAYS OF ICU STAY. ASSOCIATION WITH PARAMETERS INVOLVED IN HOMOCYSTEINE METABOLISM
E. Planells

16:00 - 17:30

Educational session - Better hospital food - alternatives to supplements

Moderators: A. Forbes (United Kingdom), E. Antal (Hungary)
The 24 hour diet
Improving the taste
Individual delicacies for the individual patient

Strauss

R. Wilson (United Kingdom)
P. Moller (Denmark)
M. Pedersen (Denmark)

17:45 - 19:15

Satellite Symposium:

Nutricia Advanced Medical Nutrition

Targeting Immunity and Inflammation in Disease Management Through Advanced Medical Nutrition

Moderator: A. Laviano (Italy)

- Immunity and Inflammation: new targets for Advanced Medical Nutrition
- Targeting Immunity: an illustration in HIV disease
- Specific nutrition as integrated part of pressure ulcer care

Lehar 1, 2, 3

J. Garssen (Netherlands)

D.P. Kotler (USA)
J.M.G.A. Schols (Netherlands)



PROGRAMME DAY BY DAY

MONDAY

TIME	MONDAY 31 AUGUST 2009	SPEAKERS / ROOMS
07:30 - 08:30	SIG Genes & Nutrition	Schubert 3
07:30 - 08:30	Annual Journal Meeting	Schubert 4
08:00 - 10:00	Educational LLL session - Nutrition in obesity <i>Moderator: I. Chermesh (Israel)</i> <i>Nutrition and prevention of obesity</i> <i>Nutritional interventions in severe obese patients</i> <i>Nutritional support in ICU obese patients</i> <i>Nutritional support after bariatric surgery</i> <i>The second part (discussion and test) for registered participants to this LLL session will take place in Room Schubert 4 from 10:30 to 12:30.</i>	Strauss <i>A. Dulloo (Switzerland)</i> <i>A. Palmo (Italy)</i> <i>I. Chermesh (Israel)</i> <i>A. Thorell (Sweden)</i>
08:00 - 12:00	LLL Courses (see LLL information)	Schubert Rooms
08:30 - 10:00	Optimal energy to the critically ill <i>Moderators: G. Biolo (Italy), F. Längle (Austria)</i> <i>Hyponutrition or «normocaloric» nutrition</i> <i>Inflammation-mediated energy expenditure</i> <i>How much glucose for optimal energy supply?</i>	Lehar 1, 2, 3 <i>P. Singer (Israel)</i> <i>M. Elia (United Kingdom)</i> <i>W. Hartl (Germany)</i>
08:30 - 10:00	Free scientific presentations - Geriatrics <i>Moderators: P. Fasching (Austria), J. Bauer (Germany)</i> O020 CONSUMPTION OF A FERMENTED DAIRY PRODUCT CONTAINING THE PROBIOTIC LACTOBACILLUS CASEI DN-114 001 REDUCES THE DURATION OF RESPIRATORY INFECTIONS IN THE ELDERLY IN A RANDOMISED CONTROLLED TRIAL <i>J. Schrezenmeir</i> O021 EFFECTS OF A PROLONGED LEUCINE SUPPLEMENTATION ON ADIPOSE TISSUE IN ELDERLY RATS <i>G. Zeanandin</i> O022 SUPPLEMENTATION OF HEALTHY ELDERLY WITH A FISH-OIL ENRICHED SIP FEED LEADS TO FAST INCORPORATION OF EPA INTO WHITE AND RED BLOOD CELLS AND RESULTS IN IMPROVED IMMUNE RESPONSES WITHIN ONE WEEK <i>J. Faber</i> O023 RESTRICTIVE DIETS INCREASE THE RISK OF MALNUTRITION IN FREE-LIVING ELDERLY <i>S.M. Schneider</i> O024 DIETARY PATTERNS PREDICT FUTURE DECLINE IN HIGHER-LEVEL FUNCTIONAL CAPACITY AMONG ELDERLY JAPANESE: THE OHASAMA STUDY <i>M. Utsugi-Tsubota</i> O025 LONG-TERM EFFECT OF CITRULLINE SUPPLEMENTATION IN HEALTHY AGED RATS: EFFECT ON BODY COMPOSITION <i>C. Moinard</i> O026 MALNUTRITION IN THE ELDERLY AND ITS RELATIONSHIP WITH OTHER GERIATRIC SYNDROMES <i>B. Saka</i>	Stolz



PROGRAMME DAY BY DAY

MONDAY

08:30 - 10:00	<p>Clinical Nutrition Symposium Moderators: NEP Deutz (USA), Y. Boirie (France) Original papers that contributed most to the impact factor of Clinical Nutrition 2008</p> <ul style="list-style-type: none"> – How different is the dietary pattern in non-alcoholic steatohepatitis patients? – Comparison of tools for nutritional assessment and screening at hospital admission: A population study – Effect of selenium supplementation on biochemical markers and outcome in critically ill patients – CLA and n-3 PUFA differentially modulate clinical activity and colonic PPAR-responsive gene expression in a pig model of experimental IBD – Vitamin D deficiency is associated with the metabolic syndrome in morbid obesity 	<p>Lehar 4</p> <p>P. Ravasco (Portugal)</p> <p>U. Kyle (USA)</p> <p>V. Mishra (United Kingdom)</p> <p>J. Bassaganya-Riera (USA)</p> <p>J.A. Balsa Barro (Spain)</p>
10:00 - 10:30	Coffee break	Exhibition Area
10:30 - 11:15	<p>Arvid Wretling Lecture Moderators: O. Ljungqvist (Sweden), M. Hiesmayr (Austria) Body composition: why?</p>	<p>Strauss</p> <p>C. Pichard (Switzerland)</p>
11:15 - 12:00	<p>Fight Against Malnutrition Moderator: O. Ljungqvist (Sweden) Actions at the political level / Research awardees of studies to improve the guidelines / MNI grant to Fight against malnutrition / Winning contribution</p>	<p>Strauss</p>
12:00 - 12:30	AKE General Assembly (for members only)	Schubert 3
12:00 - 12:30	Lunch and poster viewing	Exhibition & Posters Area
12:30 - 14:00	Chaired poster visit	Posters Area
13:30 - 15:30	<p>Educational LLL session - Nutrition and disease prevention Moderator: M. Muscaritoli (Italy) <i>Nutrition in the prevention of cardiovascular diseases</i> <i>Nutrition in prevention of osteoporosis</i> <i>Nutrition in the prevention of cancer</i> <i>Nutrition in the prevention of irritable bowel syndrome, constipation and diverticulosis</i> The second part (discussion and test) for registered participants to this LLL session will take place in Room Schubert 4 from 16:00 to 18:00</p>	<p>Strauss</p> <p>Y. Carpentier (Belgium)</p> <p>P. Ammann (Switzerland)</p> <p>M. Muscaritoli (Italy)</p> <p>E. Cabré (Spain)</p>
13:30 - 17:30	LLL Courses (see LLL information)	Schubert Rooms
14:00 - 15:30	<p>Inter-splanchnic networking Moderators: NEP Deutz (USA), T. Kimura (Japan) Hormonal networking Amino acid networking Microbe-mediated gut metabolism</p>	<p>Lehar 1, 2, 3</p> <p>M. Krebs (Austria)</p> <p>C. Moinard (France)</p> <p>K. Venema (Netherlands)</p>





PROGRAMME DAY BY DAY

MONDAY

14:00 - 15:30

Educational session - Nursing Practice Scientific Session

Lehar 4

Moderators: M. Holst (Denmark), A. Ödlund-Olin (Sweden)

- P164 NUTRITIONAL SCREENING AND INTERRATER RELIABILITY
L. Ribu
- P207 A MULTIDISCIPLINARY APPROACH TO RAISE NUTRITION
DAY (ND) RECRUITMENT
I. Papier
- P206 EFFICACY OF SERVING BED SIDE IN-BETWEEN MEALS – AN
INTERVENTION STUDY IN THREE MEDICAL DEPARTMENTS
M. Holst
- P165 THE CHALLENGE OF MONITORING FOOD INTAKE.
VALIDATION OF A PATIENT MANAGED DIETARY RECORD
L-M. Plum

14:00 - 15:30

Free scientific presentations - Obesity and the metabolic syndrome

Stolz

Moderators: P. Arner (Sweden), G. Prager (Austria)

- O027 IS METABOLIC SYNDROME THE LINK BETWEEN OBESITY
AND POSTMENOPAUSAL BREAST CANCER?
L-A. Healey
- O028 PREVALENCE AND PREDICTORS OF METABOLIC
SYNDROME AFTER LIVER TRANSPLANTATION
I-T. Correia
- O029 FRUCTOSE AND FAT HAVE ADDITIVE EFFECTS ON
INTRAHEPATIC LIPIDS AND OPPOSITE EFFECTS ON
PLASMA TRIGLYCERIDES
H. Sobrecases
- O030 SERUM FOLIC ACID IN WEIGHT REDUCTION PROGRAM
OBESE PATIENTS
T. Parece
- O031 ADIPOCYTE LIPID-BINDING PROTEIN (ALBP) IN SUBJECTS
WITH DIFFERENT CATEGORIES OF GLUCOSE
INTOLERANCE DURING ACUTE HYPERINSULINAEMIA
P. Wohl
- O032 METHODS IN ANALYZING ABDOMINAL FAT OF OBESE
CHILDREN AND ADOLESCENTS AND THEIR CLINICAL
VALUE
X-F. Zheng
- O033 ADVANCED GLYCATION END-PRODUCTS BEFORE AND
AFTER INTERVENTION IN OBESE CHILDREN AND
ADOLESCENTS (THE MODUL STUDY)
G. Faustmann



PROGRAMME DAY BY DAY

MONDAY - TUESDAY

	Coffee Break	Exhibition Area
15:30 - 16:00		
16:00 - 17:30	<p>nutritionDay Moderators: K. Schindler (Austria), M. Hiesmayr (Austria) The Belgium political action The ICU report NutritionDay mini NutritionDay and LLL NutritionDay & Costs Targets for NutritionDay in nursing homes</p>	<p>Lehar 4 A. Van Gossum (Belgium) M. Hiesmayr (Austria) S.M. Schneider (France) C. Pichard (Switzerland) O. Ljungqvist (Sweden) C. Sieber (Germany)</p>
16:00 - 17:30	<p>Satellite Symposia Fresenius Kabi New Horizons in Clinical Nutrition Moderator: A. Laviano (Italy) – Introduction – N-3 fatty acids from fish and plants: Is it all the same? – Fish oil supplementation - a must for cancer patients? – Beneficial effects of fish oil based lipid emulsions on clinical outcome – Concluding Remarks</p> <p>Abbott Nutrition Health Institute Nutritional modulation of inflammation in acute and chronic disease Moderator: R. Riley (USA) – Welcome – Why Focus on Inflammation? – The Pathophysiology of Inflammation and Novel Approaches to Nutritional Modulation – Nutritional Modulation of Inflammation in Patients with Cancer – Nutritional Modulation of Inflammation – Closing: Inflammation and Nutritional Modulation Clinical Implications for Practitioners – Questions and Answers</p>	<p>Lehar 1, 2, 3 A. Laviano (Italy) P.C. Calder (United Kingdom) M. Muscaritoli (Italy) D.L. Waitzberg (Brazil)</p> <p>A. Laviano (Italy)</p> <p>Stolz R. Riley (USA) K. Fearon (United Kingdom) P. Wischmeyer (USA)</p> <p>K. Fearon (United Kingdom) S. Ruiz-Santana (Spain) K. Fearon (United Kingdom)</p> <p>K. Fearon and Symposium Faculty</p>
16:00 - 17:30	SIG Tracer Methodology	Schubert 6
17:30 - 19:00	General Assembly (for members only)	Strauss

TIME	TUESDAY 1 SEPTEMBER 2009	SPEAKERS / ROOMS
08:00 - 12:00	LLL Courses (see LLL information)	Schubert Rooms
08:30 - 10:00	<p>Catch up growth and children obesity Moderators: K. Widhalm (Austria), B. Koletzko (Germany) Impact of fetal growth restriction on metabolic and hormonal profiles in the future adult Catch up growth or catch up fat? Dynamics of fat cell turnover throughout life</p>	<p>Stolz J. Beltrand (France)</p> <p>A. Dulloo (Switzerland) P. Arner (Sweden)</p>



PROGRAMME DAY BY DAY

TUESDAY

08:30 - 10:00

Cancer malnutrition

Strauss

Moderators: T. Frühwald (Austria), M. Muscaritoli (Italy)
Cancer cachexia: from pathogenesis to therapeutic targets
Genetic issues in cancer cachexia

J-M. Argilés (Spain)
K. Fearon (United Kingdom)

O034 LEUCINE-INDUCED INCREASES IN MUSCLE MASS ARE REFLECTED IN PLASMA AMINO ACID CHANGES IN CANCER CACHECTIC MICE

K. van Norren

O035 MYOSTATIN-DEPENDENT PATHWAY IN LUNG AND GASTRIC CANCER PATIENTS

Z. Aversa

08:30 - 10:00

Free scientific presentations - Liver and gastrointestinal tract Lehar 4

Moderators: E. Cabré (Spain), J-P. De Bandt (France)

O036 EFFECTS OF A PRECONDITIONING ORAL NUTRITIONAL SUPPLEMENT (PONS) ON PIG LIVERS AFTER WARM ISCHEMIA

P. Schemmer

O037 POSSIBLE INTERACTIONS BETWEEN DIETARY FIBRES AND 5-AMINOSALICYLIC ACID (5-ASA)

J-R. Andersen

O038 A 5 YEAR PROSPECTIVE FOLLOW UP OF PATIENTS ON HOME PARENTERAL NUTRITION (HPN) FOR CHRONIC INTESTINAL FAILURE (IF)

L. Pironi

O039 FATTY LIVER DISEASE MODEL CAUSED BY LONG-TERM FEEDING OF TRANS-FATTY ACIDS

K. Fukushima

O040 THE EFFECT OF BRANCHED-CHAIN AMINO ACID ON LIVER REGENERATION AFTER PARTIAL HEPATECTOMY IN RATS

H-S. Lai

O041 INVESTIGATING THE SAFETY AND METABOLIC EFFECTS OF A NEW 'METABOLIC PREOPERATIVE PRECONDITIONING' DRINK IN PATIENTS UNDERGOING GASTROINTESTINAL SURGERY: A RANDOMISED PLACEBO CONTROLLED DOUBLE-BLIND STUDY (NCT00662376)

S. Awad

O042 INFLUENCE OF FOOD ALLERGY ON COLONIC IMMUNE ACTIVATION AND BARRIER INTEGRITY IN THE IRRITABLE BOWEL SYNDROME

R. Dainiese

08:30 - 10:00

Educational session - Jejunal tubes - a missed opportunity? Lehar 1, 2, 3

Moderators: C. Madl (Austria), A. Forbes (United Kingdom)

Warranted in all ICU patients?

Is it really different from gastric feeding?

New methods of placement

Practical measures to improve effectiveness

J. Hallay (Hungary)
A. Weimann (United Kingdom)
C. Madl (Austria)
M. Wentzel-Persenius (Sweden)

10:00 - 10:30

Coffee break

Exhibition Area



PROGRAMME DAY BY DAY

TUESDAY

- 10:30 - 12:00 **Metabolic care in high risk patients: The chronic alcoholic** **Stolz**
 Moderators: S. McClave (USA), P.B. Soeters (Netherlands)
 Alcoholism in the clinic (incidence and outcome)
 Alcohol related malnutrition
 Alcohol induced muscle alterations
 T. Neumann (Germany)
 E. Gonzales-Reimers (Spain)
 V. Preedy (United Kingdom)
- 10:30 - 12:00 **Free scientific presentations - Metabolic regulation** **Lehar 4**
 Moderators: M. Krebs (Austria), O. Rooyackers (United Kingdom)
- O043 EFFECTS OF A DHA RICH N-3 FATTY ACID SUPPLEMENTATION ON GENE EXPRESSION CHANGES IN BLOOD LEUKOCYTES: THE OMEGAD STUDY
 I. Vedin
- O044 RISK FACTORS FOR METABOLIC BONE DISEASE IN PATIENTS WITH CROHN'S DISEASE (CD)
 C. Sousa Guerreiro
- O045 CONSUMPTION OF FERMENTED DAIRY PRODUCT CONTAINING THE PROBIOTIC LACTOBACILLUS CASEI DN-114 001 REDUCES THE INCIDENCE OF COMMON RESPIRATORY AND GASTRO-INTESTINAL INFECTIONS IN SHIFT WORKERS IN A RANDOMIZED CONTROLLED TRIAL
 J. Schrezenmeir
- O046 INACTIVITY-MEDIATED INSULIN RESISTANCE IS ASSOCIATED TO UPREGULATED PRO-INFLAMMATORY FATTY ACIDS IN HUMAN CELL MEMBRANES
 S. Mazzucco
- O047 PHYSICAL INACTIVITY DECREASES HDL CHOLESTEROL THROUGH UPREGULATION OF CHOLESTERYL ESTER TRANSFER PROTEIN (CETP)
 E. Meneghin
- O048 NON ABSORBABLE GLUCIDS (ACTIVE HEXOSE CORRELATED COMPOUND, INULIN AND FRUCTOOLIGOSACCHARIDES) INDUCE CYTOKINE PRODUCTION IN MONOCYTES BY A MECHANISM INVOLVING THE STIMULATION OF THE MAPK AND THE NFKB SIGNAL TRANSDUCTION PATHWAYS
 O. Martinez-Augustin
- O049 INFLUENCE OF INFLAMMATORY STIMULI ON GROWTH-REGULATORY PATHWAYS IN SKELETAL MUSCLE CELLS
 L. Gryadunov-Masutti
- 10:30 - 12:00 **Educational session - Normoglycaemia in the acute patient** **Strauss**
 Moderator: J-C. Preiser (Belgium)
 Debate: Critically important
 Debate: Not so crucial (and potentially hazardous)
 Clinical implementation of a nurse driven blood glucose protocol
 What is on the horizon to help?
 M. Hiesmayr (Austria)
 F. Brunkhorst (Germany)
 M. Feldbacher (Austria)
 J-C. Preiser (Belgium)
- 10:30 - 12:00 **Educational session - Nutrition after discharge from hospital** **Lehar 1, 2, 3**
 Moderators: H. Lochs (Germany), M. Holst (Denmark)
 The surgeon's responsibility
 The nurse's role
 From patient to person - artificial nutrition at home
 O. Ljungqvist (Sweden)
 M. Holst (Denmark)
 C. Jonkers (Netherlands)



LLL COURSES

Detailed LLL Courses Programme

All the 2009 LLL Courses are kindly sponsored by B.Braun.

Important to know!!

ESPEN offers to all LLL participants (aged below 35 years) a free one year ESPEN membership. The membership starts 1.1.2010 and ends 31.12.2010. Please make sure that you supply a valid e-mail address to MCI. After the Congress, ESPEN will contact you!

All the LLL courses will take place at the Reed Messe Congress Centre, in the Schubert Rooms located on the first floor.



Friday morning		Rooms
09:00 - 13:00	Nutritional assessment and techniques and 3rd Teach the Teachers Course (TLLL)* Moderators: R. Meier (Switzerland), L. Sobotka (Czech Republic), R. Komsa (Bulgaria), A. Forbes (United Kingdom) * Only for invited participants	Schubert 3
09:00 - 13:00	Nutritional support in cancer patients Moderators: K. Fearon (United Kingdom), A. Laviano (Italy)	Schubert 4
Friday afternoon		Rooms
14:00 - 18:00	Approach to oral and enteral nutrition Moderators: J. Ockenga (Germany), K. Norman (Germany)	Schubert 2
	Nutritional support in perioperative period Moderators: CHC. Dejong (Netherlands), K. Fearon (United Kingdom)	Schubert 3
	Nutritional support in the elderly patients Moderators: S.M. Schneider (France), C. Sieber (Germany), J. Bauer (Germany), A. Raynaud-Simon (France)	Schubert 4
Saturday morning		Rooms
09:00 - 13:00	Nutritional support in liver and pancreatic diseases Moderators: R. Meier (Switzerland), J. Kondrup (Denmark), J. Ockenga (Germany)	Schubert 2
	Home parenteral nutrition in adult patients Moderators: A. Van Gossum (Belgium), M. Staun (Denmark)	Schubert 3
	Nutrition in metabolic syndrome Moderators: M. León Sanz (Spain), M. Ballesteros (Spain), C. de la Cuerda (Spain)	Schubert 4



LLL COURSES

Saturday afternoon		Rooms
14:00 - 18:00	Nutrition in paediatric patients Moderators: S. Kolacek (Croatia), B. Koletzko (Germany)	Schubert 2
	Approach to parenteral nutrition Moderators: A. Laviano (Italy), A. Van Gossum (Belgium), S. Mühlebach (Switzerland)	Schubert 3
	Nutritional support in neurological diseases Moderators: M. Planas (Spain), S.M. Schneider (France), R. Burgos (Spain), I. Breton (Spain)	Schubert 4
	Nutritional support in diabetes and dyslipidemia Moderators: L. Sobotka (Czech Republic), I. Chermesh (Israel), M. Léon Sanz (Spain)	Schubert 5
	LLL Session in German: Ernährung bei Erkrankungen der Leber und des Pankreas Moderators: R. Meier (Switzerland), M. Plauth (Germany), J. Ockenga (Germany)	Schubert 6
Sunday morning		Rooms
08:00 - 10:00	Educational session - LLL: Nutritional support in paediatric patients Moderator: B. Koletzko (Germany) Nutritional requirements in neonats H. van Goudoever (Netherlands) Nutritional support in ICU paediatric patients J. Schweizer (Netherlands) Nutritional interventions in the obese child/adolescent B. Koletzko (Germany) Nutritional requirements in pregnancy and lactation I. Hösli (Switzerland) <i>The second part (discussion and test) for registered participants to this LLL session will take place in Room Schubert 4 from 10:30 to 12:30.</i>	Stolz
08:00 - 12:00	LLL Session in German: Geriatrie Moderators: C. Sieber (Germany), T. Frühwald (Austria), J. Bauer (Germany)	Schubert 6



LLL COURSES

Sunday afternoon		Rooms
13:30 - 15:30	<p>Educational session - LLL: ICU nutrition: Treatment and problem solving Moderator: M. Hiesmayr (Austria)</p> <p>Specific substrates for artificial nutrition in the ICU J-C. Preiser (Belgium)</p> <p>Promoting homeostasis during nutrition support M. Hiesmayr (Austria)</p> <p>Barriers to oral, enteral nutrition, parenteral nutrition P. Singer (Israel))</p> <p>Clinical priorities for solving ICU nutritional problems I. Grecu (Rumania)</p> <p><i>The second part (discussion and test) for registered participants to this LLL session will take place in Room Schubert 4 from 16:00 to 18:00.</i></p>	Lehar 4
14:00 - 18:00	<p>Nutritional support in intestinal diseases Moderators: P.B. Soeters (Netherlands), A. Forbes (United Kingdom), R. Meier (Switzerland), W. van Gemert (Netherlands)</p>	Schubert 5
Monday morning		Rooms
08:00 - 10:00	<p>Educational session - LLL: Nutrition in obesity Moderator: I. Chermesh (Israel)</p> <p>Nutrition and prevention of obesity A. Dulloo (Switzerland)</p> <p>Nutritional interventions in severe obese patients A. Palmo (Italy)</p> <p>Nutritional support in ICU obese patients I. Chermesh (Israel)</p> <p>Nutritional support after bariatric surgery A. Thorell (Sweden)</p> <p><i>The second part (discussion and test) for registered participants to this LLL session will take place in Room Schubert 4 from 10:30 to 12:30.</i></p>	Strauss
08:00 - 12:00	<p>LLL Session in German: Orale und enterale Ernährung Moderators: K. Norman (Germany), J. Ockenga (Germany)</p>	Schubert 6



LLL COURSES

Monday afternoon		Rooms
13:30 - 15:30	<p>Educational session - LLL: Nutrition and disease prevention Moderator: M. Muscaritoli (Italy)</p> <p>Nutrition in the prevention of cardiovascular diseases Y. Carpentier (Belgium)</p> <p>Nutrition in prevention of osteoporosis P. Ammann (Switzerland)</p> <p>Nutrition in the prevention of cancer M. Muscaritoli (Italy)</p> <p>Nutrition in the prevention of irritable bowel syndrome, constipation and diverticulosis E. Cabré (Spain)</p> <p><i>The second part (discussion and test) for registered participants to this LLL session will take place in Room Schubert 4 from 16:00 to 18:00.</i></p>	Strauss
13:30 - 17:30	<p>Nutritional support in respiratory diseases Moderators: C. Pison (France), A. Schols (Netherlands)</p>	Schubert 5
Tuesday Morning		Rooms
08:00 - 12:00	<p>Nutritional support in renal disease Moderators: N. Cano (France), E. Fiaccadori (Italy), D. Teta (France)</p>	Schubert 5
08:00 - 12:00	<p>LLL Session in German: Ernährung auf Intensivstationen Moderators: W. Druml (Austria), M. Hiesmayr (Austria)</p>	Schubert 6
08:30 - 12:30	<p>Pilot Final Examination for LLL Programme Diploma</p>	Schubert 3



POSTERS PRESENTATION

Posters are displayed within the Mall (main corridor) on the ground floor of the Reed Messe Congress Centre.

All Posters will be displayed on **Sunday 30 August 2009** and **Monday 31 August 2009**.

In order to allow free discussion, Chaired Poster Visit will take place on both days from 12:30 to 14:00. Please refer to the indications of your notification letter for your poster session. Information on the day of the poster session can also be obtained at the Posters help desk.

Please be present at your poster during the scheduled poster viewing time for the visit by the officials in order to give a short presentation of about 4 minutes you were asked to prepare.

The hanging and removal times are as follows:

Hanging: **Sunday 30 August 08:00 - 10:00**

Removal: **Monday 31 August as of 17:30** until **Tuesday 1 September 10:30**

IMPORTANT: Posters not removed at the dismantling deadline, **Tuesday 1 September, 10:30** will be disposed off. No possibility of retrieval exists.

All the necessary material will be available directly from the Posters help desk located at the entrance of the posters area or from the Posters desk at the registration area.





GUIDED POSTERS SESSION

Sunday 30 August 2009 - From 12:30-14:00

Poster Sessions	Moderator	Co-moderator
Critical Care I	A. Garcia-de-Lorenzo (Spain)	M. Joannidis (Austria)
Geriatrics I	N. Chiang (USA)	S. Walrand (France)
Liver and Gastrointestinal Tract I	A. Ödlund-Olin (Sweden)	M. Wentzel-Persenius (Sweden)
Macronutrients Metabolism	M. Pedersen (Denmark)	S. Gabor (Austria)
Nutrition and Cancer I	A. Ikitzler (USA)	D. Fouque (France)
Nutritional Assessment I	A. Pierro (UK)	J. Beltrand (New Zealand)
Nutritional Assessment II	A. Shenkin (UK)	E. Doberer (Austria)
Nutritional Assessment III	F. Längle (Austria)	J. Berbée (Netherlands)
Nutritional Epidemiology I	K. Venema (Netherlands)	V. Somosa (Austria)
Nutritional Techniques and Formulations I	O. Rooyackers (Sweden)	N. Delzenne (Belgium)
Nutrition and Chronic Diseases I	M. Feldbacher (Austria)	B. Schmid (Austria)
Nutrition and Chronic Diseases II	M. Staun (Denmark)	A. Hofbauer (Austria)
Obesity and Metabolic Syndrome	R. Maughan (UK)	K. Schindler (Austria)
Paediatrics I	R. Wilson (UK)	W. van Gemert (Netherlands)
Vitamins, Antioxidants and Minerals I	I. Hösli (Switzerland)	J. van Goudoever (Netherlands)
Late Breaking Abstracts I	D. Lobo (UK)	R. Barazzoni (Italy)

Monday 31 August 2009 - From 12:30-14:00

Poster Sessions	Moderator	Co-moderator
Critical Care II	A. Raynaud-Simon (France)	W. Hartl (Germany)
Critical Care III	J-P. De Bandt (France)	M. Plauth (Germany)
Geriatrics II	J-M. Argilés (Spain)	S. Anker (Germany)
Liver and Gastrointestinal Tract II	E. Antal (Hungary)	R. Burgos (Spain)
Liver and Gastrointestinal Tract III	D. Lobo (UK)	F. Längle (Austria)
Metabolic Regulation	P. Moller (Denmark)	S. Mühlebach (Switzerland)
Nutrition and Cancer II	A. Jatoi (USA)	E. Gonzales-Reimers (Spain)
Nutrition and Cancer III	A. Palmo (Italy)	C. Cuerda (Spain)
Nutritional Assessment IV	R. Griffiths (UK)	J. Hallay (Hungary)
Nutritional Assessment V	L. van Loon (Netherlands)	P. Fasching (Austria)
Nutritional Assessment VI	K. Tappenden (USA)	V. Preedy (UK)
Nutritional Epidemiology II	C. Moinard (France)	H. Daniel (Germany)
Nutritional Techniques and Formulations II	P. Calder (UK)	S. Fruhwald (Austria)
Nutritional Techniques and Formulations III	K. Norman (Germany)	A-M. Eisenberger (Austria)
Nutrition and Chronic Diseases III	T. Alexandrides (Greece)	C. Madl (Austria)
Paediatrics II	T. Neumann (Germany)	I. Breton (Spain)
Vitamins, Antioxidants and Minerals II	A-M. Liberati-Cizmek (Croatia)	P. Crenn (France)
Late Breaking Abstracts II	J-C. Preiser (Belgium)	A. Thorell (Sweden)

POSTERS

Outstanding Abstract 2009

* Presenting Author

Critical Care I

Sunday 30 August 2009 - 12:30 - 14:00

- P001 CERULOPLASMIN, C-REACTIVE PROTEIN, SERUM COPPER AND ERYTHROCYTE COPPER IN RELATION WITH CU DOSES ADMINISTERED TO CRITICAL PATIENTS RECEIVING PARENTERAL NUTRITION**
W. A. Weisstaub - A. M. Menéndez* - M. H. Montemerlo - B. F. Bustos - Y. V. Yapur - N. G. Negri - P. M. L. de Portela
- P002 COMPARISON OF A SPECIFIC PICU PEE WITH CURRENT PEE AND REE** E. Briassouli* - E. Michaeloudi - A. Spanaki - S. Ilia - D. Fitrolaki - E. Vasilaki - G. Briassoulis
- P003 ZN2+-DEFICIENT STATUS IS ASSOCIATED WITH MG-DEFICIENT AND OXIDATIVE STATUS IN CRITICALLY ILL PATIENTS WITH SIRs**
E. Planells* - D. Florea - M. García Ávila - E. Millán - L. Sáez - M. Rodríguez Elvira - A. Pérez de La Cruz - B. Quintero - C. Cabeza - C. Soler - J. Martin - P. Aranda
- P004 AN OLIGOMERIC ENTERAL NUTRITION IS MORE EFFICIENT THAN A POLYMERIC FORMULA TO FEED TRAUMATIC BRAIN-INJURED RATS**
E. Delpierre* - C. Moinard - C. Loï - J. Moulis - N. Neveux - M. J. Butel - L. Cynober
- P005 N-3 POLYUNSATURATED FATTY ACIDS' DUAL MODULATORY EFFECTS ON SYSTEMIC AND INTESTINAL IMMUNITY IN TUMOR-BEARING RATS RECEIVING DOSE-INTENSIVE CPT-11 CHEMOTHERAPY**
H. Xue* - C. J. Field - M. B. Sawyer - L. A. Dieleman - V. E. Baracos
- P006 ACCURACY OF NON INVASIVE CONTINUOUS BLOOD GLUCOSE MONITORING IN THE HYPOXEMIC CRITICALLY ILL PATIENT**
I. Bendavid* - I. Kagan - M. Grunev - J. Singer - A. Kononenko - E. Gabis - A. Weinstein - P. Singer
- P007 A SIMPLE LACK OF APPLICATION! AN AUDIT OF THE UNDERSTANDING OF FLUID PRESCRIPTION**
J. A. Stephenson* - O. Al-Ta'an - R. Sahota - C. Pollard - M. S. Metcalfe - A. R. Dennison
- P008 ARE WE PRESCRIBING APPROPRIATE POST-OPERATIVE FLUIDS? AN AUDIT OF CURRENT UNDERSTANDING AND PRACTICE**
J. A. Stephenson* - O. Al-Ta'an - R. Sahota - C. Pollard - M. S. Metcalfe - A. R. Dennison
- P009 CONTINUOUS GLUCOSE SENSOR COMBINED WITH COMPUTER ALGORITHM FOR TIGHT GLUCOSE CONTROL IN CARDIAC SURGERY PATIENTS**
J. Kremen* - M. Mraz - J. Blaha - P. Kopecky - R. Hovorka - E. Kotrlíkova - S. Svacina - M. Haluzik
- P010 DIETARY ARGININE ENHANCES ANTI-INFLAMMATORY CYTOKINE LEVELS IN MICE UNDERGOING INTESTINAL OBSTRUCTION**
M. T. D. Correia* - M. L. Viana - R. G. C. Santos - S. V. Generoso - J. N. Machado - V. N. Cardoso
- P011 IS VIABILITY NECESSARY FOR PROBIOTICS TO PROTECT AGAINST BACTERIAL TRANSLOCATION AND GUT MUCOSAL DYSFUNCTION?**
M. T. D. Correia* - S. V. Generoso - M. L. Viana - R. G. C. Santos - R. E. Arantes - J. R. Nicoli - V. N. Cardoso

Critical Care II

Monday 31 August 2009 - 12:30 - 14:00

- P012 ASSESSMENT OF INTESTINAL PERMEABILITY AND INTERFERON-GAMMA LEVELS AFTER NITRIC OXIDE INHIBITION IN ANIMALS SUPPLEMENTED WITH GLUTAMINE**
M. T. D. Correia* - R. G. C. Santos - M. L. Viana - S. V. Generoso - J. Nogueira-Machado - V. N. Cardoso
- P013 TAURINE LEVELS ARE DECREASED IN CRITICALLY ILL PATIENTS DESPITE ADEQUATE NUTRITION**
M. A. R. Vermeulen* - S. M. Lemmens - M. Visser - G. C. Ligthart-Melis - H. M. Oudemans-van Straaten - P. A. M. van Leeuwen
- P014 SELENIUM DECREASES LIPID PEROXIDATION IN CRITICALLY-ILL PATIENTS WITH SUB-ARACHNOID HAEMORRHAGE**
M. Geoghegan - S. Eaton* - G. Mandersloot - M. Healy - D. F. McAuley - M. P. Rayman - J. Powell-Tuck
- P015 EFFECT OF GLUTAMINE ADMINISTRATION ON LEUCOCYTE AMP-ACTIVATED PROTEIN KINASE IN CRITICALLY-ILL PATIENTS**
M. Geoghegan - B. Kola - S. Eaton* - G. Mandersloot - M. Healy - M. Korbonits - J. Powell-Tuck
- P016 THE SIGNIFICANCE OF ONODERA'S PROGNOSTIC NUTRITIONAL INDEX FOR GASTROSTOMY PATIENTS**
M. Inukai* - F. Goda - N. Kajitani - H. Okuyama - T. Himoto - H. Masugata - S. Senda
- P017 EFFECT OF A FISH OIL-BASED NUTRITION SUPPORT ON HEALING OF PRESSURE ULCERS AND EXPRESSION OF ADHESION MOLECULES IN CRITICALLY ILL PATIENTS: PRELIMINARY RESULTS**
M. Theilla* - Y. Zimra - B. Schwartz - R. Anbar - H. Shapiro - S. Lev - J. Cohen - P. Singer
- P018 USEFULNESS OF GROSHONG CATHETERS FOR CENTRAL VENOUS ACCESS VIA THE EXTERNAL JUGULAR VEIN**
M. Ishizuka* - H. Nagata - K. Takagi - T. Horie - T. Sawada - K. Kubota
- P019 EXTERNAL JUGULAR GROSHONG CATHETER IS ASSOCIATED WITH FEWER COMPLICATIONS THAN A SUBCLAVIAN ARGYLE CATHETER**
M. Ishizuka* - H. Nagata - K. Takagi - T. Horie - M. Furihata - A. Nakagawa - K. Kubota
- P020 A RIGHT-SIDED, RATHER THAN LEFT-SIDED APPROACH IS MORE ACCEPTABLE FOR CENTRAL VENOUS CATHETERIZATION VIA THE INTERNAL JUGULAR VEIN**
M. Ishizuka* - H. Nagata - K. Takagi - K. Kubota
- P021 FEMORAL VENOUS CATHETERIZATION IS A MAJOR RISK FACTOR FOR CENTRAL VENOUS CATHETER-RELATED BLOODSTREAM INFECTION**
M. Ishizuka* - H. Nagata - K. Takagi - K. Kubota
- P022 COMPARISON OF 0.05% CHLORHEXIDINE AND 10% POVIDONE-IODINE AS CUTANEOUS DISINFECTANT FOR PREVENTION OF CENTRAL VENOUS CATHETER-RELATED BLOODSTREAM INFECTION: A COMPARATIVE STUDY**
M. Ishizuka* - H. Nagata - K. Takagi - K. Kubota

Critical Care III

Monday 31 August 2009 - 12:30 - 14:00

- P023 ENERGY AND MICRONUTRIENTS NEEDS COVERAGE IN ICU PATIENTS UNDER EXCLUSIVE ENTERAL SUPPORT**
N. Maisonneuve* - C. P. Heidegger - P. Darmon - R. Thibault - C. Pichard
- P024 TRIBUTYRIN ORAL ADMINISTRATION PREVENTS LIPOPOLYSACCHARIDE-INDUCED ALTERATIONS OF LIPID METABOLISM IN RATS**
N. Iizuka* - M. Miyoshi - H. Sakaki - K. Shuno - M. Aoyama - M. Watanabe - M. Usami
- P025 STRESS HYPERGLYCEMIA: A COMPARISON BETWEEN TWO DIABETES-SPECIFIC ENTERAL FORMULAS IN THE ACUTE CRITICALLY ILL**
P. Di Biase* - R. Flocco - G. Di Iorio - S. Pastò
- P026 SUPPLEMENTAL PARENTERAL NUTRITION (SPN) IN ICU PATIENTS FOR EARLY COVERAGE OF ENERGY TARGET: 100 FIRST PATIENTS PRELIMINARY REPORT**
R. Thibault* - C. P. Heidegger - C. Methot - N. Maisonneuve - P. Jolliet - J. Romand - P. Darmon - C. Pichard

POSTERS

- P027 RELATIONSHIP BETWEEN BIOELECTRICAL PHASE ANGLE, SOFA SCORE AND MORTALITY IN INTENSIVE CARE UNIT (ICU) PATIENTS**
R. Thibault* - C. P. Heidegger - C. Methot - N. Maisonneuve - D. Darmaun - P. Darmon - C. Pichard
- P028 LEPTIN, GHRELIN AND ADIPONECTIN VARIATIONS IN ICU PATIENTS RECEIVING CALORIES ACCORDING TO INDIRECT CALORIMETRY OR ACCORDING TO PREDICTIVE FORMULAS. TICACOS STUDY**
R. Anbar* - M. Shalita-Chesner - M. Theilla - H. Shapiro - S. Lev - S. Frishman - Z. Madar - P. Singer
- P029 EFFECT OF ENTERAL VERSUS PARENTERAL NUTRITION ON ISCHEMIA / REPERFUSION-INDUCED HEART INJURY DURING LIPOPOLYSACCHARIDE-INDUCED INFLAMMATION**
S. Hagiwara* - H. Iwasaka - T. Noguchi
- P030 EVIDENCE-BASED NUTRITIONAL SUPPORT GUIDELINE RESULTS IN BETTER ICU NUTRITION**
S. S. Zurnic* - V. Malenkovic
- P031 IS APACHE MORTALITY INDEX ADEQUATE FOR MALNOURISHED PATIENTS?**
T. S. Roberto* - V. P. Manchado - J. S. Souza - P. T. Sabaini - J. A. Carvalho - S. Santana
- P032 DECREASED FECAL SHORT-CHAIN FATTY ACIDS IN PATIENTS WITH SEVERE SIRS**
Y. Nakahori* - K. Shimizu - H. Ogura - O. Tasaki - Y. Kuwagata - T. Asahara - K. Nomoto - M. Morotomi
- P033 PERIOPERATIVE IMMUNONUTRITIONAL SUPPORT WITH IMMUNE-MODULATING NUTRIENT IMPROVES POSTOPERATIVE OUTCOMES IN PATIENTS WITH COLORECTAL CANCER**
Y. Shibata*

Geriatrics I

Sunday 30 August 2009 - 12:30 - 14:00

- P034 NUTRITIONAL ADEQUACY OF FOOD CONSUMED BY COMMUNITY-DWELLING OLDER ADULTS RESIDING IN RURAL MANITOBA**
C. O. Lengyel* - P. Cowan - P. Hawranik
- P035 SURVEY ON PREVENTION, EARLY SCREENING AND TREATMENT OF MALNUTRITION IN ELDERLY HOMES**
A. Pezzana - C. Borgio* - N. Rosolin - M. Amerio
- P036 BODY MASS INDEX AND OVERALL-CAUSE MORTALITY PREDICTION IN INSTITUTIONALISED ELDERLY: A 4-YEAR FOLLOW-UP STUDY**
E. Cereda* - A. Zagami - A. Vanotti - S. Piffer - C. Pedrolli
- P037 THE GERIATRIC NUTRITIONAL RISK INDEX PREDICTS HOSPITAL LENGTH OF STAY AND IN-HOSPITAL WEIGHT LOSS**
E. Cereda* - R. Caccialanza - C. Pedrolli - C. Klersy - B. Cameletti - M. Marinelli - P. Dionigi
- P038 A PILOT STUDY INVESTIGATING COMPLIANCE AND EFFICACY OF A NOVEL, LOW VOLUME, ENERGY DENSE (2.4KCAL/ML) MULTI-NUTRIENT SUPPLEMENT IN MALNOURISHED COMMUNITY PATIENTS**
G. Hubbard* - A. Holdoway - R. Stratton
- P039 NUTRITIONAL STATUS OF NURSING HOME RESIDENTS**
J. Desport* - J. Zazzo - B. Lesourd - B. Dorigny - V. Mazon - X. Hebuterne
- P040 DOES NUTRITIONAL GUIDELINES ENSURE GOOD ROUTINES IN NUTRITIONAL CARE OF ELDERLY SUBJECTS WITH COMMUNITY SUPPORT?**
J. Törmä* - M. Sellgren - Y. Mattsson Sydner - B. Karlström - M. Carlsson - T. Cederholm - A. Saletti
- P041 NUTRITIONAL AND HEALTH STATUS OF NURSING HOME RESIDENTS IN GERMANY**
J. Bai* - S. Lesser - S. Overzier - S. H. Paker-Eichelkraut - S. Strathmann - H. Hesecker - P. Stehle
- P042 ENTERAL NUTRITION WITH WHEY PROTEIN INCREASES GLUTATHIONE AND DIMINISHES INFLAMMATION IN CRITICALLY ILL ELDERLY PATIENTS WITH BENIGN NEUROLOGICAL DISORDERS. A RANDOMIZED CONTROLLED TRIAL**
J. E. Aguilar-Nascimento* - B. R. Silveira - D. B. Dock-Nascimento - N. H. Fares - V. M. T. Araujo - I. S. Arruda - N. Slhessarenko
- P043 INDIVIDUAL NUTRITIONAL SUPPLEMENTATION AFTER AN ACUTE STROKE IMPROVES HANDGRIP STRENGTH: A RANDOMIZED, CONTROLLED TRIAL**
L. Ha* - T. Hauge - P. O. Iversen
- P044 A NEW PREDICTIVE EQUATION FOR ADMINSTRATED CALORIE TO OLD BEDRIDDEN TUBE-FED PATIENTS - 1ST REPORT**
M. Hasegawa* - T. Noda - M. Kawamura - Y. Kitamura - K. Nakagawa - Y. Nukui
- P045 SURVIVAL ESTIMATES USING ABC INDEX - 2ND REPORT**
M. Hasegawa* - M. Mabuchi - H. Takeyama

Geriatrics II

Monday 31 August 2009 - 12:30 - 14:00

- P046 MALNUTRITION RISK AND RELATED FACTORS IN A GROUP OF TURKISH ELDERLY**
M. Halil* - I. Kalan - Z. Ülger - B. Yavuz - M. Cankurtaran - E. Güngör - S. Ariogul
- P047 PROGNOSTIC EFFECTS OF BODY COMPOSITION IN THE ELDERLY**
M. Shani* - A. Shahrar
- P048 ORAL NUTRITIONAL SUPPLEMENT AT MEALTIMES INCREASES ENERGY INTAKE AND IS ACCEPTED BY GERIATRIC PATIENTS**
M. Karlsson* - A. Schillstrom - B. Almgren
- P049 COMPARING PREVALENCE OF MALNUTRITION AND NUTRITIONAL CARE IN CARE HOMES IN GERMANY, AUSTRIA AND THE NETHERLANDS**
N. C. van Nie-Visser* - J. M. M. Meijers - S. Bartholomeyczik - C. Lohrmann - S. Reuther - J. M. G. Schols - R. J. G. Halfens
- P050 THE EFFECT OF EARLY NUTRITION SUPPORT AND PHYSIOTHERAPY ON SELF-SUFFICIENCY**
P. Andelova* - Z. Dedkova - L. Sobotka
- P051 GENDER DIFFERENCES OF NURSING HOME RESIDENTS - RESULTS OF THE NUTRITIONDAY AUDIT**
R. Schlaffer* - K. Schindler - E. Pernicka - K. Steininger - M. Mouhieddine - C. Schuh - J. Tripamer - M. Handschuh - T. Karonitsch - C. C. Sieber - M. Hiesmayr
- P052 DOES NUTRITIONAL INTAKE OF NURSING HOME RESIDENTS DIFFER ACCORDING TO CARE LEVEL?**
S. Lesser* - J. Bai - S. Overzier - S. H. Paker-Eichelkraut - S. Strathmann - H. Hesecker - P. Stehle
- P053 CALF CIRCUMFERENCE AS AN ANTHROPOMETRIC TOOL FOR IDENTIFYING NUTRITIONAL RISK IN ELDERLY INPATIENTS**
V. A. Leandro-Merhi* - K. C. Portero-Macellán - J. L. D. Bernardi - C. Staudt - P. B. Frenhani
- P054 NUTRITIONAL STATUS AND FUNCTIONAL CAPACITY OF HOSPITALIZED ELDERLY**
V. A. Leandro-Merhi* - K. P. Fogaça - T. N. Gomes - M. R. M. Oliveira
- P055 DENTAL AND GASTROINTESTINAL CHANGES AS INDICATORS OF MUSCLE MASS DEPLETION IN ELDERLY INPATIENTS**
V. A. Leandro-Merhi* - K. C. Portero-Macellán - J. L. D. Bernardi - P. B. Frenhani - J. G. T. Camargo - J. L. B. Aquino
- P056 THE INFLUENCE OF SIP FEEDING ON SPONTANEOUS FOOD INTAKE IN ACUTELY ILL GERIATRIC PATIENTS**
Z. Dedkova* - P. Andelova - L. Sobotka

POSTERS

Liver and Gastrointestinal Tract I

Sunday 30 August 2009 - 12:30 - 14:00

- P057 THE INTESTINAL ANTIINFLAMMATORY ACTIVITY OF THE FLAVONOID RUTIN REQUIRES ORAL ADMINISTRATION AND MAY INVOLVE EFFECTS ON MUCOSAL LYMPHOCYTES**
F. Sanchez de Medina Lh* - R. Lopez Posadas - I. Romero Calvo - C. Mascaraque Molina - A. Daddaoua - R. Gonzalez Perez - M. M. G. H. Gonzalez Herrera - E. Martinez Plata - M. Suarez Ortega - A. Zarzuelo Zurita - O. Martinez Augustin
- P058 PREDICTIVE FACTORS FOR MORTALITY AND HPN DEPENDENCE IN A REFERRAL HOME PARENTERAL NUTRITION CENTRE**
G. Zeanandin* - F. Berthier - K. Arab - X. Hébuterne - S. M. Schneider
- P059 THE BENEFICIAL EFFECT OF ACTIVE HEXOSE CORRELATED COMPOUND (AHCC), A HEALTH FOOD COMPONENT, IN PATIENTS WITH PANCREATIC OR BILIARY TRACT CANCER WHO UNDERWENT CHEMOTHERAPY**
H. Yanagimoto* - S. Satoi - H. Toyokawa - T. Yamamoto - S. Hirooka - J. Yamao - Y. Matsui - A. Kwon
- P060 CHANGES OF INTESTINAL BIFIDOBACTERIA AND LACTOBACILLI IN ADULTS WITH FATTY LIVER**
R. Wang - J. Chen* - Y. Jin
- P061 ENTERAL RE-FEEDING RAPIDLY RESTORES PARENTERAL NUTRITION-INDUCED REDUCTION OF SURVIVAL TIME ALONG WITH THE RECOVERY OF HEPATIC MONONUCLEAR CELL NUMBER AND FUNCTION IN A SEPSIS MODEL**
J. Omata* - K. Fukatsu - S. Murakoshi - M. Noguchi - T. Moriya - S. Fukazawa - T. Akase - D. Saitoh - J. Yamamoto - K. Hase
- P062 PREBIOTICS AND THE INFLUENCE ON INTESTINAL WOUND HEALING**
J. G. Bloemen* - M. H. F. Schreinemacher - M. Gijbels - K. Venema - W. A. Buurman - N. D. Bouvy - C. H. C. Dejong
- P063 BUTYRATE TO IMPROVE INTESTINAL ANASTOMOTIC STRENGTH; FRIEND OR FOE?**
J. G. Bloemen* - M. H. F. Schreinemacher - M. Gijbels - K. Venema - W. A. Buurman - N. D. Bouvy - C. H. C. Dejong
- P064 INCREASED FASTING VALUES OF PYY AND DISTURBED POSTPRANDIAL PYY RESPONSE IN PATIENTS WITH DECOMPENSATED LIVER CIRRHOSIS**
L. Valentini* - P. Nowotny - T. Schuetz - S. Glaeser - A. Omar - E. Kasim - T. Kroencke - H. Lochs - G. Brabant - J. Ockenga
- P065 INTESTINAL MICROFLORA, ORGANIC ACID CONCENTRATIONS IN HEPATIC CANCER PATIENTS WITH OR WITHOUT LIVER CIRRHOSIS**
M. Usami* - M. Miyoshi - Y. Kanbara - M. Aoyama - N. Iizuka - M. Watanabe - K. Hirata - M. Takahashi - K. Ueno - S. Tabata - T. Asahara - K. Nomoto
- P066 HOME ARTIFICIAL NUTRITION FOR MANAGEMENT OF COMPLICATED GASTROINTESTINAL FISTULAS**
M. Pertkiewicz* - K. Majewska - M. Lawinski - A. Bialas - J. Kaczanowska
- P067 NUTRITIONAL FACTORS ASSOCIATED WITH ENTEROCUTANEOUS FISTULA CLOSURE**
J. Llop-Talaveron - S. Cobo-Sacristán - A. Padullés-Zamora - M. Badia-Tahull* - E. Leiva-Badosa - L. Garrido-Sánchez - M. Tubau-Molas - N. Virgili-Casas - R. Jódar-Massanés
- P068 VERY LOW CALORIE DIET REDUCES LIVER STEATOSIS IN MORBIDLY OBESE PATIENTS**
M. D. Ballesteros-Pomar* - R. Díez Rodríguez - A. Calleja-Fernández - A. M. Urioste-Fondo - A. Vidal-Casariago - L. González-Herráez - V. Simó - S. Calleja-Antolín - T. González de Francisco - I. Cano-Rodríguez
- P069 NUTRITION DAY 2009 IN ONE HOSPITAL IN SERBIA. WHAT SHOULD WE DO?**
I. Palibrk - V. Pantic Palibrk - M. V. Matic* - M. Milenkovic - V. Masirevic - V. Rankovic

Liver and Gastrointestinal Tract II

Monday 31 August 2009 - 12:30 - 14:00

- P070 THE DEFINITION OF LIVER DISEASE DETERMINES THE INCIDENCE OF PARENTERAL NUTRITION-ASSOCIATED LIVER DISEASE**
M. J. Crujisen* - L. G. M. van Rossum - M. W. J. Versleijen - M. G. H. van Oijen - G. J. A. Wanten
- P071 KAMPO (HOCHUEKKITO, TJ-41) INHIBITS THE INDUCTION OF INOS GENE EXPRESSION IN PRO-INFLAMMATORY CYTOKINE-STIMULATED HEPATOCYTES**
M. Matsumiya* - Y. Araki - T. Matsuura - M. Kaibori - T. Okumura - M. Nishizawa - A. Kwon
- P072 INVOLVEMENT OF THE FUNCTIONAL FOOD OLIGONOL IN HEPATOPROTECTION BY REDUCTION OF NITRIC OXIDE**
M. Nishizawa* - R. Yamanishi - T. Miura - A. H. Kwon - T. Okumura
- P073 INTESTINAL PERMEABILITY, SERUM LEPTIN LEVEL AND THE NUTRITIONAL PROFILE OF PATIENTS WITH LIVER CIRRHOSIS**
M. Dastyk* - M. Żenkyóik - J. Lata - R. Kroupa - M. Dastyk
- P074 ACTIVE HEXOSE CORRELATED COMPOUND REGULATES ENTEROCYTE IMMUNE RESPONSE AND DIFFERENTIATION**
O. Martinez-Augustin* - I. Romero-Calvo - E. Martinez-Plata - M. Ortega-González - R. Gonzalez - A. Zarzuelo - M. Suarez - F. Sanchez de Medina
- P075 PARENTERAL GLUTAMINE PRETREATMENT REDUCES LOCAL TISSUE DAMAGE AFTER ISCHEMIA-REPERFUSION INJURY OF THE LIVER IN RATS**
P. Onody* - R. Stangl - A. Szijarto - P. K. Kupcsulik - L. Harsanyi
- P076 IMPROVING HEPATIC MICROCIRCULATION AND ANTIOXIDANT STATE AFTER ISCHEMIA-REPERFUSION INJURY OF THE LIVER BY GLUTAMINE PRETREATMENT IN RATS**
R. Stangl* - P. Onody - A. Szijarto - P. K. Kupcsulik - L. Harsanyi
- P077 ASSESSMENT OF PLASMA CITRULLINE, IRON, VITAMINE D AND NUTRITIONAL STATUS IN THE SHORT-TERM FOLLOW-UP OF ROUX-EN-Y GASTRIC BYPASS FOR MORBIDLY OBESE PATIENTS**
R. Thibault* - S. Avallone - J. Orsonneau - G. Le Cam - V. Wyart - M. Krempf - D. Darmaun - E. Letessier
- P078 IMPACT OF ORAL BRANCHED-CHAIN AMINO ACIDS IN PATIENTS WITH CIRRHOTIC LIVER UNDERGOING HEPATIC RESECTION FOR HEPATOCELLULAR CARCINOMA**
S. Haji* - H. H. O. Ohyanagi
- P079 CHANGES IN PLASMA AMINO ACID LEVELS: A MINIMALLY INVASIVE INNOVATIVE WAY TO DIAGNOSE INTESTINAL REJECTION IN PIGS**
T. Yandza* - N. Neveux - M. Saint-Paul - F. Berthier - J. Gugenheim - L. Cynober - X. Hébuterne
- P080 THERAPEUTIC EFFECT OF KUROZU IN DSS (DEXTRAN SULFATE SODIUM) INDUCED EXPERIMENTAL COLITIS**
T. Shizuma* - K. Ishiwata - M. Nagano - H. Mori - N. Fukuyama
- P081 IMPACT OF PRETRANSPLANT NUTRITIONAL ASSESSMENT AND THERAPY ON POSTOPERATIVE SEPSIS IN LIVING DONOR LIVER TRANSPLANTATION**
T. Kaido* - F. Oike - Y. Ogura - A. Yoshizawa - S. Uemoto
- P082 SURVIVAL IN PATIENTS WITH INTESTINAL DYSMOTILITY ON HOME PARENTERAL NUTRITION: MAYO CLINIC EXPERIENCE**
V. Nehra* - R. A. Pedersen - W. R. Kim - D. G. Kelly

POSTERS

Macronutrients Metabolism

Sunday 30 August 2009 - 12:30 - 14:00

- P083** **SHORT-TERM MORTALITY AMELIORATED BY IMPROVING MALNUTRITION, HDL AND MCP-1 WITH INDIVIDUALLY AIMED INTERVENTION IN HEMODIALYSIS (HD) PATIENTS**
E. Mistrik* - V. Blaha - S. Dusilova Sulkova - M. Kalousova - C. Andrys - L. Sobotka
- P084** **HEPATOPROTECTIVE EFFECT OF CITRULLINE AGAINST ISCHEMIA-REPERFUSION INJURY IN RAT**
F. Moussaoui* - M. Vamy - N. Amen - C. Cottart - V. Nivet - L. Cynober - J. de Bandt
- P085** **INACTIVITY IMPAIRS HOMOCYSTEINE KINETICS: EFFECTS OF HIGH-PROTEIN DIET**
F. Agostini* - R. Antonione - G. Guarnieri - G. Biolo
- P086** **EFFECT OF A HIGH PROTEIN DIET ON REACTION TIME: A RANDOMISED CONTROLLED INTERVENTION STUDY IN HEALTHY VOLUNTEERS**
L. H. Jakobsen - J. Kondrup* - M. Zellner - E. Roth
- P087** **GLUCONEOGENESIS AND ENERGY EXPENDITURE AFTER A HIGH PROTEIN, CARBOHYDRATE-FREE DIET**
M. Veldhorst* - M. Westerterp-Plantenga - K. Westerterp
- P088** **ONE DAY OF MODERATE ENERGY DEFICIT SIGNIFICANTLY REDUCES FASTING AND POSTPRANDIAL TRIACYLGLYCEROLEMIA IN WOMEN: THE ROLE OF CALORIE RESTRICTION AND EXERCISE**
M. Maraki* - N. Christodoulou - N. Aggelopoulos - F. Magkos - D. Panagiotakos - K. Skenderi - S. A. Kavouras - L. S. Sidossis
- P089** **THE GUT RELEASES TAURINE UNDER POST-ABSORPTIVE CIRCUMSTANCES**
M. F. M. van Stijn* - G. C. Ligthart-Melis - M. A. R. Vermeulen - M. P. C. Siroen - M. P. van den Tol - A. P. J. Houdijk - P. A. M. van Leeuwen
- P090** **DIETARY SUPPLEMENTATION WITH FLAXSEED OIL PROMPTLY CORRECTS EPA AND DHA CONTENT IN LIVER AND BRAIN PHOSPHOLIPIDS OF N-3 FATTY ACID DEFICIENT RATS**
M. Hacquebard* - L. Portois - Y. Larondelle - W. J. Malaisse - Y. A. Carpentier
- P091** **A DOUBLE-BLIND, RANDOMISED MULTICENTRE STUDY COMPARING THE SAFETY AND TOLERANCE OF SMOFLIPID 20% AND INTRALIPID 20% IN LONG-TERM PARENTERAL NUTRITION**
P. Singer* - S. Klek - M. Rubin - C. Chambrier - T. Bowling - I. Mueller - J. Linke - J. Shaffer
- P092** **IMPACT OF HIGH PROTEIN DIET ON PLATELET PROTEOME IN HUMANS**
R. L. Babeluk* - L. H. Jakobsen - J. Kondrup - E. Roth - S. Baumann - M. Zellner
- P093** **GENDER-SPECIFIC PROFILE OF CIRCULATING GHRELIN FORMS IS ASSOCIATED WITH MARKERS OF METABOLIC LIVER DAMAGE IN METABOLIC SYNDROME**
R. Barazzoni* - M. Zanetti - C. Ferreira - P. Vinci - M. Cattin - L. Cattin - G. Guarnieri

Metabolic Regulation

Monday 31 August 2009 - 12:30 - 14:00

- P094** **LOSS OF NAIVE T CELLS IN SHORT BOWEL SYNDROME**
A. Culkun* - S. M. Gabe - S. C. Knight - A. J. Stagg
- P095** **SPECIFIC PREBIOTIC OLIGOSACCHARIDES MODULATE THE PRIMING PHASE OF SYSTEMIC IMMUNE RESPONSES IN MICE**
A. P. Vos* - J. Knol - B. Stahl - J. Garssen
- P096** **THE EFFECTS OF GLUTAMINE-ARGININE ENRICHED DIET AND HYPERBARIC OXYGEN ADMINISTRATION ON ELECTIVE COLONIC ANASTOMOSIS HEALING IN RATS**
E. Ozturk* - I. Ozerhan - G. Celikkol - O. Altinel - M. Can - M. Ozler - G. Yagci - S. Oter - T. Tufan
- P097** **ISOMER-SPECIFIC EFFECTS OF CONJUGATED LINOLEIC ACID ON GENE EXPRESSION IN HUMAN ADIPOSE TISSUE DEPENDING ON PPARG2 P12A POLYMORPHISM**
J. Herrmann* - D. Rubin - R. Haesler - U. Helwig - C. Laue - P. Winkler - D. Bell - M. Pfeuffer - S. Schreiber - J. Schrezenmeir
- P098** **EFFECTS OF AN ELEMENTAL DIET ON GUT ASSOCIATED LYMPHOID TISSUE IN MICE**
K. Fukatsu* - M. Noguchi - S. Murakoshi - T. Moriya - J. Omata - D. Saitoh - H. Yasuhara
- P099** **PARENTERAL NUTRITION ELIMINATES SMALL INTESTINE MUCOSAL IMMUNE RESPONSE TO INJURY**
M. A. Jonker* - Y. Sano - A. Heneghan - J. Hermsen - K. Kudsk
- P100** **PARENTERAL LIPIDS IMPAIR PNEUMOCOCCAL KILLING BY HUMAN NEUTROPHILS IN A STRUCTURE-DEPENDENT MANNER**
M. W. J. Versleijen* - H. M. Roelofs - R. H. Te Morsche - E. Simonetti - P. W. Hermans - G. J. A. Wanten
- P101** **SEVERE CALORIE RESTRICTION RESULT IMPAIRMENT OF CEREBRAL IL-1B AND TNFA MRNA EXPRESSION BUT AN INCREASE OF CEREBRAL IL-10 MRNA EXPRESSION IN RATS AFTER LAPAROTOMY**
N. Ishibashi* - K. Shirouzu - Y. Akagi - Y. Tanaka
- P102** **NEW TOTAL PARENTERAL NUTRITION FORMULA CONTAINING BUTYRIC ACID RESTORES GUT IMMUNITY THROUGH INHIBITION OF INTERFERON GAMMA MESSENGER RNA OVEREXPRESSION IN GUT**
S. Murakoshi* - K. Fukatsu - T. Moriya - J. Omata - M. Noguchi - H. Miyazaki - I. Koyama - D. Saitoh
- P103** **THE EFFECTS OF FASTING AND REFEEDING WITH A 'METABOLIC PRECONDITIONING' DRINK ON SUBSTRATE RESERVES AND MITOCHONDRIAL FUNCTION: POTENTIAL MECHANISMS BY WHICH PREOPERATIVE FEEDING IMPROVES INSULIN SENSITIVITY**
S. Awad* - M. C. Stephenson - E. Placidi - L. Marciani - D. Constantin-Teodosiu - P. A. Gowland - R. C. Spiller - K. C. H. Fearon - P. G. Morris - I. A. Macdonald - D. N. Lobo
- P104** **SPECIFIC INHIBITORY EFFECT OF CELERY EXTRACT ON PEPTIDE TRANSPORTER PEPT1 EXPRESSION IN THE HUMAN INTESTINAL CACO-2 CELLS**
T. Shiraga*

Nutrition and Cancer I

Sunday 30 August 2009 - 12:30 - 14:00

- P105** **NUTRITIONAL STATUS OF GASTRIC CANCER PATIENTS AT DIAGNOSIS**
M. Villatoro - M. J. Carrera - A. Parri* - D. Benaiges - J. J. Chillarón - M. Pera - X. Bessa - F. Bory - J. F. Cano
- P106** **IS TRANSIENT ELASTOGRAPHY (FIBROSCAN®) VALUABLE FOR ASSESSING LIVER FIBROSIS IN PATIENTS WITH LONG-TERM HOME PARENTERAL NUTRITION (HPN)? PRELIMINARY RESULTS**
A. Van Gossum* - L. Pironi - B. Messing - C. Moreno - A. Colecchia - P. Demetter - F. de Gos - D. Cazals-Halem - F. Joly
- P107** **PORT INFECTIONS ASSOCIATED WITH A LOW BMI INFLUENCE NEGATIVELY SURVIVAL IN CANCER PATIENTS**
A. A. W. Wiese* - V. V. H. Heick - S. S. D. Drewes - T. T. F. Fricke - D. F. H. Heits - P. J. C. A. Arnold

POSTERS

- P108 "TARGETS NUTRITION SUPPORT" AND PHARMACOTHERAPY IN CANCER PATIENTS WITH ANOREXIA-CACHEXIA SYNDROME**
A. Snegovoy* - A. Saltanov - L. Manzyuk - V. Selchuk
- P109 QUANTIFICATION OF INTESTINAL ABSORPTION CAPACITY IN PATIENTS WITH CHRONIC GRAFT-VERSUS-HOST DISEASE OF THE DIGESTIVE TRACT**
B. S. van der Meij* - O. J. Visser - S. Hesselink - J. A. E. Langius - A. A. van Bodegraven - N. J. Wierdsma
- P110 PLASMA AND WHITE BLOOD CELL INCORPORATION OF N-3 FATTY ACIDS AFTER LIPID INFUSION IN GRAFT-VERSUS-HOST DISEASE: A DOSE RESPONSE STUDY**
B. S. van der Meij* - O. J. Visser - J. A. E. Langius - M. Hacquebard - Y. A. Carpentier - P. C. Huijgens - P. A. M. van Leeuwen
- P111 NUTRITIONAL STATUS IN CANCER: DIVERSE AND CHALLENGING?**
P. Ravasco - C. Cruz* - M. Chaves - I. Monteiro Grillo - M. Camilo
- P112 EFFECTS OF PROBIOTIC IN PREVENTION OF RADIATION-INDUCED DIARRHEA**
M. G. Castro - P. X. Sanchez - J. Glasberg - L. M. Horie - D. L. Waitzberg*
- P113 EFFECT OF DIFFERENT LIPID EMULSIONS ON LIPID COMPOSITION AND LIPID PEROXIDATION IN DIGESTIVE CANCER PATIENTS**
A. B. P. Godoy - M. F. Cury-Boaventura - R. S. M. M. Torrinas - R. Curi - D. L. Waitzberg*
- P114 NUTRITION CONSIDERATIONS IN CHILDREN UNDERGOING STEM CELL TRANSPLANTATION**
D. Bicalki* - M. Yilmaz - B. Kadioglu - S. Aksoylar - M. Kantar - N. Cetingul - S. Kansoy

Nutrition and Cancer II

Monday 31 August 2009 - 12:30 - 14:00

- P115 UNINTENTIONAL WEIGHT GAIN IN BREAST CANCER. A WEB-BASED SURVEY OF THE EFFECTS OF THERAPY AND LIFESTYLE**
D. W. Voskuil* - M. Zandbergen - F. E. van Leeuwen
- P116 MODULATING EFFECT OF N-3 POLYUNSATURATED FATTY ACIDS ON RADIOTHERAPY IN HUMAN COLORECTAL ADENOCARCINOMA CELLS**
F. Cai* - L. Thadikaran - B. Robert - R. Miralbell - Y. M. Dupertuis - C. Pichard
- P117 A FAST-TRACK RECOVERY PROGRAM REDUCES POST-OPERATIVE BODY WEIGHT LOSS AND LENGTH OF HOSPITAL STAY AFTER THORACIC ESOPHAGEAL CANCER SURGERY**
H. Sato* - Y. Tsubosa
- P118 MALNUTRITION DURING ABDOMINAL RADIOTHERAPY FOR CANCER AND THE EFFECT OF SUPPLEMENT CONTAINING FISH-OIL**
P. Patursson - T. Beermann - T. Steffensen - A. Muhic - K. Holtug - J. R. Andersen*
- P119 IS EORTC QLQ-C30 USEFUL IN MEASURING QUALITY OF LIFE DURING ABDOMINAL RADIOTHERAPY FOR CANCER DURING NUTRITIONAL THERAPY?**
H. Zakariassen - P. Patursson - A. Muhic - J. R. Andersen*
- P120 SERUM IRON AFTER RADICAL SUBTOTAL GASTRECTOMY**
J. K. Lee* - D. B. Kang
- P121 FACTORS INFLUENCING ENERGY METABOLISM IN NEWLY DIAGNOSED PATIENTS OF ESOPHAGEAL AND CARDIA CANCER**
J. Wu* - C. Huang - W. Cai
- P122 ASSOCIATION OF NUTRITIONAL STATUS AND SERUM ALBUMIN LEVELS TO THE DEVELOPMENT OF TOXICITY IN PATIENTS WITH ADVANCED NON-SMALL CELL LUNG CANCER TREATED WITH PACLITAXEL-CISPLATIN CHEMOTHERAPY: A PROSPECTIVE STUDY**
K. Sánchez-Lara* - O. Arrieta - G. Villanueva - M. Michel - G. Serna
- P123 A SPECIFIC NUTRITIONAL COMPOSITION FOR CANCER PATIENTS WITH A LOW GLYCEMIC INDEX**
K. van Norren* - A. van Helvoort - G. S. Frost - M. Lansink

Nutrition and Cancer III

Monday 31 August 2009 - 12:30 - 14:00

- P124 WEIGHT LOSS AS THE MOST POWERFUL PREDICTOR OF POSTOPERATIVE MORBIDITY AFTER SURGERY FOR HEAD AND NECK CANCER**
L. A. Pire* - P. Demez - P. Moreau - P. Lefebvre - J. Preiser
- P125 IMPACT OF OBESITY ON OUTCOMES IN THE MANAGEMENT OF COLORECTAL CANCER**
L. A. Healy* - A. M. Ryan - B. Mehigan - R. Stephens - J. V. Reynolds
- P126 IN VIVO MODULATION OF AMINO ACID PROFILE IN COLORECTAL TUMOUR BY POLYUNSATURATED FATTY ACIDS AND CHEMOTHERAPY: A FIRST OBSERVATION**
L. Belabed* - Y. M. Dupertuis - R. Thibault - C. Pichard
- P127 INSIGHTS ON BODY COMPOSITION IN CANCER PATIENTS**
P. Ravasco - M. Chaves* - C. Cruz - I. Monteiro Grillo - M. Camilo
- P128 MALNUTRITION IS AN INDEPENDENT RISK FACTOR FOR MUSCLE WEAKNESS IN CANCER PATIENTS**
N. Stobäus* - K. Norman - D. Zocher - M. Pirlich - H. Lochs
- P129 IMPACT OF PANCREATIC CANCER SURGERY AND IMMUNONUTRITION ON THE APOPTOTIC SIGNALING PATHWAY**
R. Slotwinski* - W. Olszewski - G. Lech - M. Slodkowski - M. Zaleska - S. Kędziora - S. Slotwinska - Z. Wojcik - W. Krasnodębski
- P130 PROTEIN ENERGY MALNUTRITION IN OESOPHAGEAL CANCER PATIENTS WITH OVERWEIGHT AND NORMAL BODY MASS INDEX (BMI)**
W. Azam* - J. A. Catton
- P131 EFFECTS OF S-1-BASED NEOADJUVANT CHEMOTHERAPY ON PERIOPERATIVE NUTRITIONAL STATUS IN PATIENTS WITH GASTRIC CANCER**
Y. Sakurai* - F. Yoshimura - K. Inaba - T. Shinohara - Y. Hiramatsu - Y. Ishida - J. Isogaki - S. Kanaya - Y. Komori - I. Uyama
- P132 PROTECTIVE EFFECT OF ORAL NUTRITIONAL SUPPLEMENTS ON TOTAL BODY WEIGHT LOSS IN AN ANIMAL MODEL OF FRACTIONATED-DOSE RADIOTHERAPY**
Y. M. Dupertuis* - B. Robert - C. Pichard - P. Senesse

POSTERS

Nutritional Assessment I

Sunday 30 August 2009 - 12:30 - 14:00

- P133** **EFFECTIVENESS OF IMPLEMENTING 'MUST' INTO CARE HOMES WITHIN PETERBOROUGH PRIMARY CARE TRUST, ENGLAND**
A. L. Cawood* - A. Smith - S. Pickles - S. Church - J. Dalrymple-Smith - M. Elia - R. J. Stratton
- P134** **A CROSS-SECTIONAL STUDY OF ADULT MALNUTRITION PREVALENCE IN HOSPITALS IN NORTHEAST IRAN**
A. Norouzy* - M. Nematy - F. Hashemi - M. Sabery
- P135** **INCREASED NUTRITIONAL RISK ON ADMISSION IS ASSOCIATED WITH COMPLICATION AND PROLONGED LENGTH OF STAY IN TRAUMA CRITICAL CARE PATIENTS**
Z. Koseoglu - A. Kuvvetli* - O. Kosenli - C. Oruc - S. Onel - K. Das - A. Akova - M. Ozdogan
- P136** **NUTRITIONAL INTERVENTION BY SCREENING HAS A BETTER CLINICAL OUTCOME THAN BY CONSULTATION -FROM CLINICAL EXPERIENCE OF CHILDREN'S HOSPITAL IN JAPAN**
A. Taniguchi* - T. Amagai - C. Toda - Y. Nakai - Y. Miyamoto
- P137** **THE EFFECT OF REFEEDING ON COMPLEX I ACTIVITY AND BODY COMPOSITION IN ANOREXIA NERVOSA PATIENTS**
A. Miján* - B. de Mateo - S. Alonso - P. Redondo - K. N. Jeejeebhoy
- P138** **EVALUATION OF HOSPITAL COMPLETE DIETS: ACCEPTANCE AND CAUSES OF INCOMPLETE INTAKE**
A. Calleja-Fernández* - E. Fariza-Vicente - A. Vidal-Casariago - C. Brea-Laranjo - J. J. López-Gómez - I. Cano-Rodríguez - M. D. Ballesteros-Pomar
- P139** **ROLE OF SHORT-FORM MINI-NUTRITIONAL ASSESSMENT (MNA-SF) AMONG INSTITUTIONALIZED PATIENTS IN SPAIN**
D. de Luis* - R. Lopez Mongil - M. Gonzalez Sagrado - J. Lopez Trillo - P. Mora - J. Castrodeza
- P140** **USE OF THE NUTRITIONAL RISK SCORE FOR THE IMPLEMENTATION OF A PREVENTIVE NUTRITIONAL POLICY IN THE ORTHOPEDIC WARD OF A SEPTIC SURGERY CENTER**
D. Grolimund Berset* - E. Guex - N. Valentinuzzi - O. Borens - P. Coti Bertrand
- P141** **SIGNIFICANCE OF SCREENING PATIENTS WITH MALNUTRITION UNIVERSAL SCREENING TOOL (MUST) IN INTERNAL MEDICINE (IM) DEPARTMENT**
E. Koifman* - Y. Zelig - I. Papier - T. Mashiach - A. Karban - I. Chermesh
- P142** **SELF REPORTING IS A VALID ALTERNATIVE FOR OUTPATIENT SCREENING OF MALNUTRITION**
E. B. Haverkort* - G. C. Ligthart-Melis - M. A. E. van Bokhorst - de van der Schueren

Nutritional Assessment II

Sunday 30 August 2009 - 12:30 - 14:00

- P143** **THE GERIATRIC NUTRITIONAL RISK INDEX AS SCREENING TOOL AT HOSPITAL ADMISSION: A COMPARISON WITH THE NRS-2002 IN PATIENTS AGED OVER 70 YEARS OLD**
E. Cereda* - L. Lucchin - A. D'Amicis - C. Pedrolli - M. G. Gentile - N. C. Battistini - M. A. Fusco - A. Palmo - M. Muscaritoli - Pimai Group
- P144** **FLUID INTAKE AND NUTRITIONAL RISK AT HOSPITAL REFERRAL**
E. Cereda* - C. Pedrolli - L. Lucchin - A. D'Amicis - M. G. Gentile - N. C. Battistini - M. A. Fusco - A. Palmo - M. Muscaritoli - Pimai Group
- P145** **INEQUALITIES IN MALNUTRITION SCREENING AND USE OF ORAL NUTRITIONAL SUPPLEMENTS IN CARE HOMES**
E. L. Parsons* - R. J. Stratton - H. Warwick - A. L. Cawood - T. R. Smith - M. Elia
- P146** **CRITICAL VIEW ON DIAGNOSING MUSCLE WASTING BY SINGLE FREQUENCY BIO-ELECTRICAL IMPEDANCE IN COPD**
E. P. A. Rutten* - M. A. Spruit - E. F. M. Wouters
- P147** **DISCRIMINATING EFFECTS OF MUSCLE WASTING WITH LOW AND NORMAL BMI IN COPD**
E. P. A. Rutten* - M. L. Watkins - N. W. Locantore - J. Vestbo - E. F. M. Wouters
- P148** **COMPARISON OF NUTRITIONAL RISK SCREENING TOOL (NRS 2002) AND SUBJECTIVE GLOBAL ASSESSMENT (SGA) FOR NUTRITIONAL SCREENING AND ASSESSMENT AT HOSPITAL ADMISSION**
E. Ozturk* - M. Can - B. Dag - H. Safak - R. Yildiz - G. Yagci - S. Gorgulu - Y. Peker - T. Tufan
- P149** **NUTRITIONDAY 2008 IN HUNGARIAN HOSPITALS**
E. Hartmann* - Z. Lelovics - R. Kegyes Bozó - M. Hiesmayr - M. Figler
- P150** **A STUDY OF HOSPITAL MALNUTRITION AND RELATED NUTRITIONAL RISK FACTORS**
E. A. Gungor* - P. Arslan - E. Karabulut - O. Abbasoglu - M. Halil - I. Tekin
- P151** **PREVALENCE OF OVERWEIGHT AND THE QUALITY OF LIFE IN CHILDREN OF TEHRAN, 2008**
F. Esfarjani* - R. Roustaei - A. Houshiar-Rad - F. Baygi
- P152** **THE SNAQRC, AN EASY TRAFFIC LIGHT SYSTEM AS A FIRST STEP IN THE RECOGNITION OF UNDERNUTRITION IN RESIDENTIAL CARE**
H. M. Kruizenga* - H. C. W. de Vet - M. A. E. van Bokhorst - J. Horman - J. M. G. A. Schols - J. J. van Binsbergen - M. Visser

Nutritional Assessment III

Sunday 30 August 2009 - 12:30 - 14:00

- P153** **MALNUTRITION IN CARDIAC SURGERY DEPARTMENTS (CSD) - PREVALENT WITH OMINOUS PROGNOSIS**
I. Chermesh* - M. Bozhko - Z. Adler - T. Mashiach - G. Bolotin
- P154** **MALNUTRITION IN SURGICAL WARDS- A PLEA FOR CONCERN**
I. Chermesh* - H. Gertsenzon - T. Mashiach - O. Ben Yshai - Y. Kluger
- P155** **FOOD SENSORY ISSUES IN NUTRITIONAL RISK PATIENTS: AN OBSERVATIONAL, INTERVIEW-BASED STUDY**
J. M. Sorensen* - L. Holm - M. B. Frøst - J. Kondrup
- P156** **VALIDATION OF A NUTRITION SCREENING TOOL FOR CANCER PATIENTS**
J. Kim* - G. Wie - Y. Cho - S. Kim - S. Kim - K. Son - S. Park - B. Nam
- P157** **VALIDATION OF THE FOOD INTAKE IN THE NUTRITIONDAY PROJECT**
J. Tripamer* - K. Schindler - E. Pernicka - K. Steininger - R. Schläffer - M. Handschuh - M. Hiesmayr
- P158** **DETECTION OF MALNUTRITION BY THE INNSBRUCK NUTRITION SCREENING TOOL**
J. Hasslachner* - F. Steinkohl - O. Galvan - A. E. Purtscher - H. Ulmer - J. M. Hackl - M. Joannidis
- P159** **METABOLIC DISORDERS AND EVALUATE OF ENTERAL NUTRITION SUPPORT BURND CHILDREN**
J. W. Erpuleva* - A. U. Lecmanov
- P160** **EFFECT OF AN INDIVIDUAL MULTIFACTOR NUTRITIONAL INTERVENTION ON CALORIC AND PROTEIN INTAKE AND OUTCOME IN MALNOURISHED PATIENTS**
J. Starke* - H. Schneider - P. Stehle - R. Meier

POSTERS

- P161 COMPARISON OF TWO MALNUTRITION SCREENING ASSESSMENTS IN RELATION TO BIOCHEMICAL PARAMETERS OF PROTEIN MALNUTRITION IN GERIATRIC HOSPITALIZED PATIENTS**
K. F. I. Schmitt* - T. Drescher - A. Ulrich - M. Christ-Crain - U. Keller - R. W. Kressig
- P162 EXTRA LIQUID ENERGY SUPPLY DURING CHILDBIRTH DOES NOT AFFECT DELIVERY OUTCOMES IN NULLIPAROUS WOMEN: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY**
K. R. Kardel* - T. Henriksen - P. O. Iversen
- P163 SKELETAL MUSCLE MASS CHANGES IN PATIENTS UNDERGOING CARDIAC SURGERY**
L. M. W. van Venrooij* - H. J. Verberne - P. A. M. van Leeuwen - R. de Vos - M. M. M. J. Borgmeijer-Hoelen - B. A. J. M. de Mol

Nutritional Assessment IV

Monday 31 August 2009 - 12:30 - 14:00

- P164 NUTRITIONAL SCREENING AND INTERRATER RELIABILITY**
L. Ribu* - M. Fagermoen - E. Trollebo - S. Bratlie - E. Alstad - G. Husby - P. Lykke - G. Landfald
- P165 THE CHALLENGE OF MONITORING FOOD INTAKE. VALIDATION OF A PATIENT MANAGED DIETARY RECORD**
L. M. Plum* - U. M. Jakobsen - L. Sølver - T. Melander
- P166 NEGATIVE IMPACT OF UNHEALTHY EATING HABITS IN ADOLESCENTS IN MIDDLE EAST AREA**
M. B. Ageeb*
- P167 SCREENING FORM OF MNA AS WELL AS PREDICTING THE NUTRITIONAL STATUS IN ELDERLY HOSPITALIZED PATIENTS**
M. F. Lozano* - M. Calderon - M. Medinas
- P168 STANDARDIZED PHASE ANGLE: A SIMPLE WAY TO UNIFY ITS VALUES IN PROGNOSTIC STUDIES FROM DIFFERENT POPULATIONS**
M. C. Gonzalez* - S. I. Paiva - D. H. Silveira - A. J. D. Barros
- P169 COMPLEMENTARITY BETWEEN SUBJECTIVE GLOBAL ASSESSMENT (SGA) AND NUTRITIONAL RISK SCREENING (NRS 2002) TO PREDICT CLINICAL OUTCOMES**
M. Raslan - M. Gonzalez* - D. Waitzberg
- P170 NURSING PRACTICES RELATED TO NUTRITIONAL THERAPY IN GREECE**
M. I. P. Freitas* - E. Theodosopoulou - T. Katostarar - P. Galanis
- P171 FUNCTIONAL STATUS OF MAGNESIUM IN PATIENTS ON HOME PARENTERAL NUTRITION (HPN) FOR CHRONIC INTESTINAL FAILURE (CIF)**
M. Guidetti* - E. Lanzoni - C. Pazzeschi - E. Malucelli - S. Iotti - L. Pironi
- P172 PATIENTS WASTE HIGH AMOUNTS OF FOOD PROVIDED BY THE HOSPITAL KITCHEN**
M. A. E. van Bokhorst - de van der Schueren* - I. A. Brouwer - P. J. M. Weijs - J. A. E. Langius
- P173 DIETARY OMEGA 9 AND OMEGA 3 FAT, BODY COMPOSITION AND LIPID PARAMETERS IN HEALTHY CAUCASIAN MEN AND WOMEN**
M. Neville* - J. Geppert - Y. Min - K. Ghebremeskel

Nutritional Assessment V

Monday 31 August 2009 - 12:30 - 14:00

- P174 EVOLUTION OF THE SHORT-FORM MINI NUTRITIONAL ASSESSMENT® (MNA-SF) – THE NEXT STEP AHEAD FOR EASIER IMPLEMENTATION**
M. J. Kaiser* - J. M. Bauer - C. Rämisch - W. Uter - Y. Guigoz - P. Anthony - T. Cederholm - D. R. Thomas - B. Vellas - C. C. Sieber
- P175 POOR TREATMENT RESPONSE IN LUNG CANCER PATIENTS WITH HIGH RISK OF UNDERNUTRITION**
M. Tomiska* - M. Tomiskova - P. Illa - L. Buresova - J. Skrickova
- P176 COMPARISON OF TOOLS FOR NUTRITION ASSESSMENT AND SCREENING AT HOSPITAL ADMISSION**
M. Rha* - U. Kim - Y. Cho
- P177 RELATIONSHIP BETWEEN HANDGRIP STRENGTH, DISEASE SEVERITY AND POST-TRANSPLANT OUTCOME IN LIVER CIRRHOSIS**
N. A. Vidas* - E. Gilbert - K. L. Campbell - D. P. Reidlinger
- P178 TRUTH OR DARE: SETTING IN-HOSPITAL TPN USE AGAINST THE GUIDELINES: A CLINICAL AUDIT**
N. N. S. Baillieul* - E. A. Museeuw - G. L. Y. Lambrecht
- P179 COMPARISON OF PREDICTIVE EQUATIONS FOR RESTING ENERGY EXPENDITURE IN MEXICAN YOUNG ADULTS WITH OVERWEIGHT AND OBESITY**
O. S. Solís-Cardouwer* - E. Nuñez-Lara - M. Zuñiga-Juarez - D. Fuentes-Lugo
- P180 MUST IN ONCOLOGY: A MULTIDISCIPLINARY TOOL**
P. Ravasco* - C. Cruz - M. Chaves - I. Monteiro Grillo - M. Camilo
- P181 NON-MEDICAL PRESCRIBING OF INTRAVENOUS NUTRITION**
P. D. Austin* - Z. B. Leach - S. D. Harding - M. A. Stroud
- P182 LOW PROTEIN INTAKE ON 4TH DAY OF HOSPITAL STAY IS INDICATIVE OF HOSPITAL STAY OF MORE THAN 10 DAYS**
P. J. M. Weijs* - F. Willibroorse - E. Leistra - H. M. Kruizenga
- P183 HOW LONG SHOULD INDIRECT CALORIMETRY MEASUREMENT TAKE: A COMPARISON BETWEEN VMAX AND DELTATRAC**
G. H. Hofsteenge - H. M. Kruizenga - B. S. van der Meij - P. J. M. Weijs*

Nutritional Assessment VI

Monday 31 August 2009 - 12:30 - 14:00

- P184 MEASURING DEHYDRATION AND REHYDRATION; AN EXPERIMENT IN TAEKWONDO PLAYERS**
C. Soumeru - I. van Nierop - M. Hesseling - P. J. M. Weijs*
- P185 COMPARISON OF TWO METHODS OF FAT-FREE MASS MEASUREMENT IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)**
R. Thibault* - E. Le Gallic - D. Darmaun - A. Chambellan
- P186 KNOWLEDGE AND ATTITUDES OF DOCTORS TOWARDS NUTRITIONAL SUPPORT: FOOD FOR THOUGHT**
S. Awad* - P. J. J. Herrod - E. Forbes - D. N. Lobo
- P187 AGREEMENT OF TWO INDIRECT CALORIMETERS FOR MEASURING RESTING ENERGY EXPENDITURE (REE) WITH RESPECT TO BMI**
T. Schuetz* - U. Elbelt - H. Lochs

POSTERS

- P188** **ACTIVITY PATTERN IN PATIENTS WITH OBESITY**
T. Schuetz* - U. Elbelt - H. Lochs
- P189** **HANDGRIP STRENGTH IS USEFUL AND EASY ITEM FOR SCREENING OF NUTRITIONAL ASSESSMENT IN PATIENTS WITH LIVER CIRRHOSIS**
T. Oriishi* - E. Taniguchi - M. Itou - T. Kawaguchi - A. Nagamatsu - M. Otsuka - Y. Uchida - S. Iwasaki - M. Sata
- P190** **VEGETABLES, FRUITS, AND DAIRY PRODUCTS AS DETERMINANTS OF GLYCEMIC INDEX AND GLYCEMIC LOAD IN HOSPITAL MEALS**
V. A. Leandro-Merhi* - K. C. Portero-MacLellan - F. Meireles - C. C. Postali - S. M. Srebernich
- P191** **SERVING BUFFET MAIN COURSES REQUIRES A FOCUS ON SNACKS**
W. Seidelin* - M. Allerup Nielsen - M. Feldskov Hansen - C. Biltz - T. Almdal
- P192** **SUBJECTIVE GLOBAL ASSESSMENT IS CLINICALLY MORE USEFUL THAN MINI-NUTRITIONAL ASSESSMENT IN HOSPITALISED OLDER ADULTS**
Y. P. Lim* - W. S. Lim - T. L. Tan - L. Daniels
- P193** **EVALUATING THE VALIDITY OF FOUR NUTRITIONAL SCREENING TOOLS IN HOSPITALISED OLDER ADULTS**
Y. P. Lim* - W. S. Lim - T. L. Tan - L. Daniels

Nutritional Epidemiology I

Sunday 30 August 2009 - 12:30 - 14:00

- P194** **REFERRAL AND SURVIVAL OF PATIENTS IDENTIFIED AS CANDIDATES FOR INTESTINAL TRANSPLANTATION. A 4-YEAR PROSPECTIVE FOLLOW-UP FROM A SINGLE CENTRE**
A. U. Muruganathan* - P. Paskaran - D. A. J. Lloyd - J. M. D. Nightingale - S. J. Middleton - S. M. Gabe
- P195** **OBESITY: A REPORT OF PORTUGUESE SITUATION**
C. Sousa Guerreiro* - J. Sousa - A. Moreira - M. Cebola - L. Mendes
- P196** **UNDELIVERED CALORIES IN ENTERAL NUTRITION: WHERE'S THE PROBLEM?**
D. B. V. Villacorta* - S. M. M. Reis - F. C. Marin - D. F. Ferreira - S. Toscano - E. Koterba - A. Nunes - D. C. Magnoni - C. Cukier
- P197** **SELECTION BIAS IN CROSS-SECTIONAL STUDIES: LENGTH BIAS IN THE NUTRITIONDAY STUDY**
E. Pernicka* - P. Bauer - M. Mouhieddine - C. Schuh - K. Schindler - K. Steininger - R. Schlaffer - M. Hiesmayr
- P198** **COMPARISON OF DIETARY HABITS ACCORDING TO FREQUENT DINNING OUT IN KOREAN WOMEN**
E. Lee* - J. Park - B. Cho
- P199** **SCREENING ON MALNUTRITION IS MANDATORY IN DUTCH HOSPITALS**
E. Leistra* - A. M. Evers - J. M. J. van den Berg - E. van der Heijden - C. J. J. Mulder - A. C. de Bruijne - Dobben - H. M. Kruizenga
- P200** **PREVALENCE OF UNDERNUTRITION IN DUTCH HOSPITAL OUTPATIENTS**
E. Leistra* - F. Neelemaat - A. M. Evers - H. W. M. van Zandvoort - P. J. M. Weijs - M. A. E. van Bokhorst - de van der Schueren - M. Visser - H. M. Kruizenga
- P201** **NUTRITIONAL RISK PROFILE OF GERIATRIC, HOME LIVING PATIENTS**
E. Leistra* - O. J. de Vries - H. M. Kruizenga - M. A. E. van Bokhorst - de van der Schueren
- P202** **BLOODSTREAM INFECTION RATES IN PARENTERAL NUTRITION: ARE THERE DIFFERENCES FOR COMPOUNDED AND MANUFACTURED PREMIX?**
G. Zaloga* - R. S. Turpin - K. Williams - R. Stephen
- P203** **UNDERNUTRITION IN COMMUNITY-DWELLING OLDER MEN AND WOMEN: COMPARING DOSE-RESPONSE ASSOCIATIONS OF DIFFERENT ANTHROPOMETRIC MEASURES WITH MORTALITY**
H. A. H. Wijnhoven* - M. A. E. van Bokhorst - de van der Schueren - M. W. Heymans - H. C. W. de Vet - H. M. Kruizenga - J. W. Twisk - M. Visser
- P204** **RELATIONSHIP BETWEEN AUTHORSHIP AND CONTENTS ON THE BLOGS ABOUT EATING DISORDERS**
R. Guardiola - J. Sanz-Valero* - C. Wanden-Berghe
- P205** **QUALITY CONTROL INDICATORS IN ENTERAL NUTRITION: THE COMPLIANCE RATES IN A GENERAL HOSPITAL IN BRAZIL**
J. R. Martins* - L. M. Horie - G. M. Shiroma - M. C. Ortolani - L. Logullo - A. F. Bittencourt - V. C. B. Hafez - D. L. Waitzberg
- P206** **EFFICACY OF SERVING BED SIDE IN-BETWEEN MEALS – AN INTERVENTION STUDY IN THREE MEDICAL DEPARTMENTS**
M. Holst* - H. H. Rasmussen

Nutritional Epidemiology II

Monday 31 August 2009 - 12:30 - 14:00

- P207** **A MULTIDISCIPLINARY APPROACH TO RAISE NUTRITION DAY (ND) RECRUITMENT**
I. Papier* - N. Ziv - G. Rosen - I. Lachter - I. Chermesh
- P208** **NUTRITIONDAY IN EUROPE – THE SIGNIFICANCE OF SNACKS IN THE FOOD INTAKE OF HOSPITALIZED PATIENTS**
K. Schindler* - E. Pernicka - K. Steininger - R. Schlaffer - P. Bauer - T. Schuetz - M. Mouhieddine - C. Schuh - M. Hiesmayr
- P209** **9-YEAR LONGITUDINAL CHANGES OF BODY COMPOSITION IN ELDERLY WOMEN: IMPACT OF COMORBIDITIES AND PHYSICAL ACTIVITY**
L. Genton* - V. L. Karsegard - T. Chevalley - P. Darmon - C. Pichard
- P210** **WORLD-WIDE DATA ON MALNUTRITION IN THE ELDERLY ACCORDING TO THE MINI NUTRITIONAL ASSESSMENT® (MNA) - INSIGHTS FROM AN INTERNATIONAL POOLED DATABASE**
M. J. Kaiser* - J. M. Bauer - C. Rämsch - W. Uter - Y. Guigoz - P. Anthony - T. Cederholm - D. R. Thomas - B. Vellas - C. C. Sieber
- P211** **OUTPATIENTS ENTERAL NUTRITION. FOLLOW-UP DURING 8 YEARS**
N. Muro-Perea* - B. Pascual-Arce - L. Garcia-Sanchez - M. Perez-Navarro - M. Giral-Vert
- P212** **NUTRITION DAY: OUR THREE YEAR EXPERIENCE**
P. Di Biase* - M. Chelucci - M. C. Celi - A. M. Di Brino - S. Pastò
- P213** **WHAT IS THE LONG-TERM OUTCOME OF ACUTE INTESTINAL FAILURE?**
R. Kalaiselvan* - A. Teubner - J. L. Shaffer - G. L. Carlson
- P214** **NUTRITIONAL CORRELATES OF PROLONGED HOSPITALIZATION IN NOT BED-RIDDEN ADULT PATIENTS**
R. Caccialanza* - E. Cereda - C. Klersy - A. Bonoldi - B. Cameletti - C. Bonardi - M. Marinelli - P. Dionigi
- P215** **BLOODSTREAM INFECTION RATES AND MONETARY COSTS ASSOCIATED WITH MANUFACTURED PREMIX VERSUS COMPOUNDED PARENTERAL NUTRITION**
R. S. Turpin* - M. Hise - K. Williams - M. Reynolds - S. Scott

POSTERS

- P216 ASSESSMENT OF FOOD INTAKE IN 1373 HOSPITALIZED PATIENTS: A PROSPECTIVE VERTICAL QUALITY-CONTROL STUDY OF HOSPITAL NUTRITION SERVICE**
R. Thibault* - M. P. Kossovsky - M. Chikhi - P. Darmon - L. Genton - Y. M. Dupertuis - C. Pichard
- P217 NUTRITIONDAY PROJECT IN JAPAN: COMPARISON OF NUTRITION CARE AND NUTRITIONAL STATUS OF HOSPITALIZED PATIENTS IN JAPAN AND IN EUROPE**
R. Fukushima* - H. Ohyanagi - K. Yamaguchi - K. Ikeda - Y. Koyama - K. Omura - N. Shirotani - K. Adachi - M. Tomita - T. Higashiguchi - M. Shiraki - S. Haji - Y. Fukuda - M. Iwasa - Y. Tanaka - K. Toyama - M. Hiesmayr
- P218 INTEGRATING NUTRITION INTO CLINICAL INFORMATION SYSTEMS**
S. Iff* - M. Lehmann - D. Voellmy - Z. Stanga
- P219 NUTRITIONDAY: RISK FACTORS FOR A PROLONGED HOSPITAL STAY**
T. Schuetz* - K. Schindler - K. Steininger - M. Mouhieddine - C. Schuh - E. Pernicka - M. Hiesmayr

Nutritional Techniques and Formulations I

Sunday 30 August 2009 - 12:30 - 14:00

- P220 EFFECT OF HIGH DENSITY FORMULA ON GROWTH AND SAFETY IN CONGENITAL HEART DISEASE INFANTS**
A. Taniguchi* - M. Matsuoka - T. Amagai
- P221 STABILITY AFTER DILUTION OF AN ORAL CRYSTALLINE L-GLUTAMINE PREPARATION**
A. Molfino* - F. Logorelli - I. Kushta - P. Sonni - C. Ramaccini - G. Pinto - F. Rossi Fanelli - M. Muscaritoli
- P222 REPLACING LIPIDS WITH GLUCOSE IN PARENTAL NUTRITION INCREASES SUSCEPTIBILITY TO NECROTIZING ENTEROCOLITIS IN PRETERM PIGS**
A. Vegge* - T. Thymann - P. T. Sangild
- P223 CONTINUOUS FEEDING WITH A DIABETES-SPECIFIC FORMULA IMPROVES GLYCEMIC VARIABILITY AND REDUCES INSULIN REQUIREMENTS IN TUBE FED PATIENTS WITH TYPE 2 DIABETES MANAGED WITH INSULIN**
C. J. Alish* - W. Garvey - K. C. Maki - G. S. Sacks - D. S. Husted - V. A. Mustad
- P224 LIPID GLOBULE SIZE OF TOTAL PARENTERAL NUTRITION ADMIXTURE - LIMITED FACTOR OF ITS STABILITY**
D. C. Mirkovic* - M. M. Antunovic - V. R. Putic - B. B. Roganovic
- P225 COMPLICATIONS OF TUBE FEEDING (TF) ACCORDING TO THE ENTERAL ACCESS**
A. Prieto - V. Rios - P. Cao - E. Camarero*
- P226 SAFETY OF BOLUS GASTROSTOMY TUBE FEEDING USING ADJUSTED HIGH-VISCOSITY OF SEMI-SOLID DIETS**
F. Goda* - M. Inukai - H. Okuyama - T. Himoto - H. Masugata - S. Senda
- P227 A RANDOMISED, CONTROLLED TRIAL COMPARING THE USE OF AN ENERGY DENSE NUTRITIONAL SUPPLEMENT WITH DIETARY ADVICE IN MALNOURISHED COMMUNITY-BASED ELDERLY PATIENTS**
G. Hubbard* - A. Holdoway - A. Kerr - D. Robertson - R. Stratton
- P228 A NEW ENRICHED LIPID EMULSION: ASSESSMENT OF PHYSICO-CHEMICAL STABILITY IN PARENTERAL NUTRITION ADMIXTURES**
G. Bersani* - M. Guidetti - A. Stancari - S. Maselli - A. Guarguaglini - I. Mignini - C. Puggioli - A. Bonoli - L. Pironi
- P229 THE NATURAL-FOOD MADE BLENDED TUBE FEEDING FORMULA IN TAIWAN**
H. M. Chin* - H. P. Chang
- P230 PHYTONUTRIENTS IN HOSPITAL MADE NATURAL-FOOD BLENDED TUBE FEEDINGS**
H. P. Chang* - H. M. Chin
- P231 CLINICAL DATA, EVOLUTION AND SURVIVAL OF 200 CONSECUTIVE PEG PATIENTS**
J. Fonseca* - C. Santos

Nutritional Techniques and Formulations II

Monday 31 August 2009 - 12:30 - 14:00

- P232 A NEW IMMUNO-MODULATING DIET ENRICHED WITH WHEY-HYDROLYZED PEPTIDE, PALATINOSE, AND FERMENTED MILK ATTENUATES GUT ISCHEMIA-REPERFUSION INJURY IN MICE**
K. Nakamura* - S. Ogawa - K. Fukatsu - K. Dairiki - H. Sasaki - T. Kaneko - T. Yamaji
- P233 EFFECT OF A NEW ORAL SUPPLEMENT ENRICHED IN CYSTEINE ON NUTRITIONAL STATUS OF STRESSED RATS**
K. Mbodji* - A. Petit - M. Coëffier - C. Lartigue - P. Déchelotte
- P234 ARE LAPAROSCOPICALLY PLACED FEEDING JEJUNOSTOMIES AS SAFE AS THOSE PLACED AT OPEN SURGERY IN PATIENTS UNDERGOING SURGICAL RESECTIONS FOR OESOPHAGO-GASTRIC CANCER**
L. Pabla* - J. Catton
- P235 LONG-TERM ANTITHROMBOTIC PROPHYLAXIS IN HPN PATIENTS**
M. Pertkiewicz* - K. Majewska - M. Lawinski
- P236 HOME ENTERAL NUTRITION IN POLAND - DEVELOPMENT WITHIN ONE YEAR OF NFZ APPROVAL**
M. Pertkiewicz* - S. Klek - P. Szybinski - M. Brzezinska - E. Toporowska-Kowalska - K. Wasowska-Krolikowska - K. Majewska - M. Kunecki - M. Lyszkowska - W. Makosa - A. Zurowska - K. Matysiak - K. Karwowska
- P237 STANDARDIZATION OF ATP-BIOLUMINESCENCE METHOD FOR MICROBIOLOGICAL CONTROL OF LAMINAR FLOW CABINS AND COMPARISON WITH CONVENTIONAL PLAQUE CONTROLS**
M. E. Ferreyra* - M. C. Ocaña - L. S. Sanabria
- P238 MODEL TO MEASURE PHENYTOIN DISSOLUTION INTERACTION WITH ENTERAL NUTRITION**
M. G. Klang*
- P239 ORAL BIOAVAILABILITY OF LEUCINE ADMINISTERED IN ENTERAL STANDARD DIETS TO WELL AND MALNOURISHED RATS**
S. Miralles-Arnau - A. Nacher - Á. Jiménez-Jiménez - N. V. Jiménez-Torres - M. Merino-Sanjuán*
- P240 ORAL BIOAVAILABILITY OF TAURINE ADMINISTERED TO MALNOURISHED RATS IN ENTERAL STANDARD DIETS**
M. Merino-Sanjuán* - S. Miralles-Arnau - A. Nacher - Á. Jiménez-Jiménez - N. V. Jiménez-Torres
- P241 EXTERNAL JUGULAR VENOUS CATHETERIZATION WITH A GROSHONG CATHETER FOR CENTRAL VENOUS ACCESS**
M. Ishizuka* - H. Nagata - K. Takagi - K. Kubota
- P242 VALVE SYSTEM DOES NOT REDUCE THE CATHETER-RELATED BLOODSTREAM INFECTION**
M. Ishizuka* - H. Nagata - K. Takagi - T. Sawada - K. Kubota

POSTERS

Nutritional Techniques and Formulations III

Monday 31 August 2009 - 12:30 - 14:00

- P243 ACHIEVING A MEDIA FILL TEST IN A SMALL PRODUCTION UNIT: LIMITS OF INTERPRETATION**
M. Pourrat* - V. Planas - B. Branchu - M. Sinegre - J. Darbord - J. Stocco
- P244 ON THE CORRELATION OF TEXTURE PROFILE ANALYSIS (TPA) AND SENSORIAL PROPERTIES OF SPOON-THICK CONSISTENCY ORAL NUTRITIONAL SUPPLEMENTS (ONS) FOR DYSPHAGIA MANAGEMENT**
N. Staudinger-Prevost* - W. Martin - A. Tipkaemper - J. M. Mainou-Sierra - E. Brito-De La Fuente
- P245 PERCUTANEOUS ENDOSCOPIC GASTROSTOMY IN NEUROLOGICAL DISEASES**
P. Kohout* - Z. Antos - G. Puskarova - M. Rozmahel - M. Cernik - P. Ridzon - Z. Benes
- P246 PRELIMINARY RESULTS FOR USE OF ILLNESS MARKER IN HEART FAILURE PATIENTS**
R. Kegyes Bozó* - Z. Lelovics
- P247 RELEVANCE OF PARENTERAL NUTRITION PRESCRIPTIONS IN A FRENCH UNIVERSITY HOSPITAL: AN ASSESSMENT OF CLINICAL PRACTICE**
R. Thibault* - D. Navas - S. Jaccard - L. Moret - B. Dessomme - J. Maupetit - D. Darmaun
- P248 THE PROBABILITY OF REFEEDING IS HIGHER IN AT-RISK PATIENTS FED ENTERALLY COMPARED TO THOSE FED PARENTERALLY**
S. S. Zeki* - A. Culkin - S. M. Gabe - J. Nightingale
- P249 ANALYSIS OF THE SENSITIVITY OF THE UK GUIDELINES ON IDENTIFICATION OF PATIENTS AT RISK OF DEVELOPING REFEEDING SYNDROME**
S. S. Zeki* - A. Culkin - J. M. D. Nightingale - T. Shepherd - S. M. Gabe
- P250 ECONOMIC CONSEQUENCES OF HOME ENTERAL NUTRITION – TWO YEARS OF A NEW MODEL OF HOME THERAPY**
S. Klek* - P. Szybinski - K. Szczepanek - M. Sumlet - M. Kupiec - E. Koczur-Szozda - M. Koscielny - A. Frankowska-Tworek - B. Baranska - K. Jarzab-Polut - G. Polut
- P251 FEASIBILITY OF PERCUTANEOUS ENDOSCOPIC JEJUNOSTOMY (PEJ) CATHETERS: RESULTS IN A DUTCH ACADEMIC CENTRE**
T. E. H. Römkens* - D. J. de Jong - J. O. Kristinsson - G. J. Wanten
- P252 OMEGAVEN IN INTESTINAL FAILURE ASSOCIATED LIVER DISEASE - EXPERIENCE IN A REGIONAL CENTRE**
V. Zamvar* - D. Hartigan - J. W. Puntis
- P253 COMPARISON OF A TRADITIONAL WARM FOOD PLATED CATERING SYSTEM AND A STEAM COOKED PLATED CATERING SYSTEM AT A UNIVERSITY HOSPITAL**
Y. Orrevall* - A. Ödlund Olin

Nutrition and Chronic Diseases I

Sunday 30 August 2009 - 12:30 - 14:00

- P254 EFFECT OF ARGININE AND PROLINE ON WOUND HEALING IN DIABETIC RATS**
A. Raynaud-Simon* - L. Belabed - G. Le Naour - J. Marc - F. Capron - L. Cynober - S. Darquy
- P255 EFFECT OF A NEW ENTERAL FORMULA SPECIFICALLY DESIGNED FOR THE ELDERLY ON GLUCOSE METABOLISM: AN EXPERIMENTAL STUDY IN AGED WISTAR RATS**
A. Raynaud-Simon* - F. Moussaoui - L. Cynober - S. Darquy
- P256 NUTRITIONAL AND METABOLIC CONDITIONS IN OLDER HOSPITALIZED DIABETIC PATIENTS (> 65 YEARS) IN SPAIN: ANALYSIS OF 1,110 CASES OF THE VIDA STUDY GROUP**
A. Sanz-Paris* - J. Garcia Almeida - C. Gomez Candela - R. Burgos Pelaez - M. Martin Palmero
- P257 FUNDOPPLICATION AND RATE OF GASTRIC EMPTYING, GASTRIC ELECTRICAL ACTIVITY AND SYMPTOMS IN CHILDREN WITH CEREBRAL PALSY IN RELATION TO PROTEIN SOURCE IN MEALS**
A. C. Brun* - B. S. Bentsen - K. Størdal - G. B. Johannesdottir - V. Fossum - A. W. Medhus
- P258 ACUTE INGESTION OF GELATIN PROTEIN NORMALIZES BLUNTED GH CONCENTRATIONS IN VISCERAL OBESITY**
A. van Vught* - A. Nieuwenhuizen - M. Veldhorst - R. Brummer - M. Westerterp
- P259 DIFFERENCES IN BIOMARKERS OF OXIDATIVE STRESS IN TYPE 2 DIABETES BETWEEN PATIENTS WITH AND WITHOUT NEPHROPATHY (THE PREDICTIONS PROJECT)**
B. M. Winkhofer-Roob* - G. Faustmann - S. Fuchs - K. Öttl - A. Meinitzer - H. Sourij - U. Fasching - G. Khoschsorur - J. Greilberger - B. Tiran - T. Wascher - J. M. Roob
- P260 NUTRITIONAL STATUS MEASUREMENTS: THE BEST PREDICTORS OF COPD SEVERITY**
D. Mendes* - A. Pinto - I. Almeida - J. Lopes - J. Oliveira - C. Sousa Guerreiro - C. Barbara - L. Mendes
- P261 EFFECT OF HUMAN SALIVA ON THE CONSISTENCY OF THICKENED FOODS FOR PATIENTS WITH DYSPHAGIA**
E. L. Sliwinski* - S. La Faille - L. A. C. M. Oudhuis
- P262 EFFECT OF PULMONARY REHABILITATION ON BODY COMPOSITION IN PATIENTS WITH COPD**
E. P. A. Rutten* - M. K. Breyer - C. Verdonschot - M. A. Spruit - E. F. M. Wouters
- P263 MALNUTRITION COMBINED WITH LOW SKIN BLOOD FLOW IN DIALYSIS PATIENTS MAY PREDICT FUTURE DEVELOPMENT OF NON-HEALING WOUNDS**
E. Mistrik* - S. Dusilova Sulkova - V. Blaha - L. Sobotka
- P264 HOW TO DECREASE MICROALBUMINURIA IN TYPE 2 DIABETIC PATIENTS USING MICRONUTRIENTS SUPPLEMENTATION?**
M. Farvid* - F. Homayoni - S. Rabiee - T. Neyestani

Nutrition and Chronic Diseases II

Sunday 30 August 2009 - 12:30 - 14:00

- P265 ASSESSMENT OF OXIDATIVE STRESS MARKERS RELATED TO ATHEROSCLEROSIS IN PRE-HYPERTENSIVE WOMEN**
F. Siassi* - F. Amirkhizi - M. Djalali - S. Minaie - A. Dorosty
- P266 CENTRAL VENOUS CATHETER RELATED COMPLICATIONS AND EXPERIENCED PROBLEMS IN HPN DEPENDENT PATIENTS**
G. Huisman - de Waal* - M. Versleijen - T. van Achterberg - J. Jansen - H. Sauerwein - L. Schoonhoven - G. Wanten
- P267 IS B-HYDROXY-B-METHYLBUTYRATE (HMB) THE BIOACTIVE METABOLITE OF L-LEUCINE (LEU) IN MUSCLE? MOLECULAR EVIDENCE AND POTENTIAL IMPLICATIONS**
M. Manzano - M. D. Giron - R. Salto - N. Sevillano - R. Rueda - J. M. Lopez-Pedrosa*

POSTERS

- P268 NUTRITIONAL STATUS IN PATIENTS WITH STROKE**
U. T. Andersen - I. Poulsen - T. S. Olsen - J. R. Andersen*
- P269 NUTRITIONAL MARKERS, NOT MARKERS OF BONE TURNOVER, ARE INDEPENDENT PREDICTORS OF BONE MINERAL DENSITY (BMD) IN CHRONIC PERITONEAL DIALYSIS (CPD) PATIENTS**
J. Jeong* - S. Kim - J. Kim - Y. Kim - H. Lee
- P270 LONG-TERM EFFECT OF A POLYMERIC FEED, RICH IN TGF- β , ON ADULT PATIENTS WITH CROHN'S DISEASE: COMPARISON WITH PEROS ADMINISTRATION OF MESALAMINE**
J. K. Triantafyllidis* - A. Stamataki - V. Karagianni - G. Malgarinos
- P271 EFFECT OF GLUTAMINE SUPPLEMENTATION ON GUT DYSFUNCTION IN A RAT MODEL OF NEONATAL MATERNAL DEPRIVATION**
K. Mbodji* - S. Torre - P. Déchelotte - R. Marion Letellier
- P272 PECTIN DERIVED ACIDIC OLIGOSACCHARIDES INHIBIT NFKB-MEDIATED HIV-1 PRODUCTION IN VITRO**
K. van Norren* - F. J. Dijk - B. Van'T Land - J. Garssen - A. Vriesema - B. Berkhout - R. E. Jeeninga
- P273 N-ACETYL CYSTEINE STRENGTHENS THE EFFECT OF PECTIN DERIVED OLIGOSACCHARIDES ON NFKB INHIBITION AND GSH LEVELS IN VITRO**
F. J. Dijk - B. Van'Tland - J. van Bergenhenegouwen - C. G. M. de Theije - J. Garssen - A. Vriesema - K. van Norren*
- P274 NUTRITIONAL FEATURES OF AMYOTROPHIC LATERAL SCLEROSIS PATIENTS ATTENDING AN INTENSIVE NUTRITIONAL MANAGEMENT PROGRAM**
L. Valeriani* - C. Lesi - L. Zoni - M. T. Fabozzi - L. Andriani - E. Fantoni - M. L. Bortolotti - F. Salvi - I. Bartolomei - E. Cereda

Nutrition and Chronic Diseases III

Monday 31 August 2009 - 12:30 - 14:00

- P275 LOWER POSTPRANDIAL GLUCOSE RESPONSES ARE MAINTAINED AFTER 4 WEEK USE OF A NEW DIABETES-SPECIFIC ORAL NUTRITIONAL SUPPLEMENT (DS-ONS) IN DIABETES PATIENTS**
M. Lansink* - P. van Horssen - L. Vendrig - K. M. van Laere - G. E. Rutten
- P276 A PROSPECTIVE EXAMINATION OF GLYCAEMIC CONTROL IN INSULIN REQUIRING DIABETES PATIENTS RECEIVING CONTINUOUS AND INTERMITTENT ENTERAL TUBE FEEDING IN AN ACUTE HOSPITAL SETTING**
P. M. Murphy* - E. Moore - D. Flanagan
- P277 THE ROLE OF SALT INTAKE DURING IMMOBILISATION**
P. Frings-Meuthen* - J. Buehlmeier - N. Baecker - M. Heer
- P278 WHAT IS THE LONG TERM OUTCOME OF PATIENTS WITH INTESTINAL DYSMOTILITY WHO DEVELOP INTESTINAL FAILURE?**
R. Kalaiselvan* - G. Muniappan - J. L. Shaffer
- P279 NUTRITIONAL AND METABOLIC PATTERN IN 9000 MAINTENANCE HEMODIALYSIS PATIENTS FROM THE FRENCH NATIONAL CALCIUM AND PHOSPHATE OBSERVATORY: ANALYSIS FROM JUNE 2008 DATA**
S. Pelletier* - H. Roth - G. London - T. Druke - J. Bouchet - D. Fouque
- P280 LIFE THREATENING SEPSIS DURING HOME PARENTERAL NUTRITION MAY BE AN INDICATION FOR FOSTER CARE**
V. Zamvar* - G. Lazonby - J. W. Puntis
- P281 TASTE ACUITY FOR SALT AND ACHIEVEMENT OF SALT RESTRICTION IN PATIENTS WITH CHRONIC KIDNEY DISEASE**
Y. Kanazawa* - T. Nakao - H. Matsumoto - T. Okada - Y. Nagaoka
- P282 RELATIONSHIP BETWEEN VISCERAL FAT AREA AND PREVALENCE OF CARDIOVASCULAR DISEASE IN CHRONIC DIALYSIS PATIENTS**
Y. Moriyama* - Y. Sato
- P283 SEVERE CATABOLIC STATE AFTER AN OVERNIGHT FAST IN PATIENTS WITH CHRONIC RENAL FAILURE**
Y. Nakaya* - S. Haraguchi - T. Shimohata - H. Sakaue - N. Harada
- P284 NUTRITIONDAY IN HUNGARIAN NURSING HOMES**
Z. Lelovics* - M. Hiesmayr - K. Schindler - M. Figler

Obesity and Metabolic Syndrome

Sunday 30 August 2009 - 12:30 - 14:00

- P285 EFFECT OF MEDITERRANEAN DIET-INDUCED WEIGHT LOSS ON PLASMA CYTOKINE LEVELS AND ABDOMINAL VISCERAL FAT IN OBESE WOMEN**
A. Spadafranca* - P. Magni - E. Dozio - M. Ruscica - E. Cereda - A. Battezzati - S. Bertoli
- P286 LOW ENERGY DIET CAUSES SIGNIFICANT LOSS IN LEAN BODY MASS**
Å. Nybacka* - P. M. Hellström - A. Ståhle - A. L. Hirschberg
- P287 RELATION OF TRP64ARG POLYMORPHISM OF BETA3ADRENORECEPTOR GENE WITH CARDIOVASCULAR RISK FACTORS IN PRESURGICAL MORBID OBESE PATIENTS**
D. de Luis* - R. Aller - O. Izaola - M. Gonzalez Sagrado - E. Romero - R. Conde
- P288 GUSTATORY SENSITIVITY IN OVERWEIGHT AND OBESE PATIENTS ATTENDING A WEIGHT LOSS PROGRAM**
E. Cereda* - E. Pagliarini - M. Laureati - A. Spadafranca - C. Usai - L. Vignati - A. Battezzati - S. Bertoli
- P289 GENDER RELATED DIFFERENCES OF CIRCULATING LEPTIN IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
M. Breyer - E. P. A. Rutten* - J. H. J. Vernooij - M. A. Spruit - E. F. M. Wouters
- P290 RELATION BETWEEN CIRCULATING ADIPOKINES AND CRP IN COPD**
E. P. A. Rutten* - M. L. Watkins - B. E. Miller - N. W. Locantore - J. Vestbo - E. F. M. Wouters
- P291 EATING BEHAVIOURS AND ACCURACY OF REPORTED PROTEIN INTAKE AMONG OBESE SUBJECTS WITH SLEEP RELATED BREATHING DISORDERS**
M. G. Næss - M. Svendsen - J. R. Andersen*
- P292 BARIATRIC SURGERY IN MORBIDLY OBESE ADOLESCENTS: OUTCOMES IN A 4YEARS FOLLOW-UP**
K. Widhalm* - S. Dietrich - G. Prager
- P293 METABOLIC SYNDROME IS ASSOCIATED WITH AGGRESSIVE COLORECTAL TUMOUR PHENOTYPE IN MALES ONLY**
L. A. Healy* - A. M. Ryan - D. Flannery - J. Howard - B. Mehigan - R. Stephens - J. V. Reynolds
- P294 LEPTIN AND ENERGY INTAKE AFTER LUNG AND HEART TRANSPLANTATION**
L. Forli* - J. Bolleslev - S. Simonsen - K. E. Kvamsdal - K. Godang - G. A. Isaksen - O. Bjortuft
- P295 ESTROGEN DEFICIENCY CAUSED BY TARGETED DISRUPTION OF THE AROMATASE GENE AND BY OVARECTOMY OF WILD TYPE MICE DIFFERENTIALLY IMPACTS ON MENOPAUSAL AND METABOLIC SYMPTOMS**
M. Bader* - J. Wober - O. Zierau - G. Vollmer

POSTERS

- P296 FAMILY EDUCATION IN THE GENESIS OF OBESITY IN CHILDREN**
A. Solnceva - M. Vishnevskaya*
- P297 THE RELATIONSHIP BETWEEN VISCERAL OBESITY AND SERUM CONCENTRATIONS OF CRP, IL-6 AND VISFATIN IN PATIENTS WITH METABOLIC SYNDROME**
M. Hosseinzadeh-Attar - M. Hosseinzadeh-Attar* - M. Foroughi - S. Zahedi-Asl
- P298 EFFECTS OF DIET COMBINED WITH PHYSICAL ACTIVITY INTERVENTIONS ON BODY COMPOSITION AND RESTING ENERGY EXPENDITURE OF OBESE CHILDREN AND ADOLESCENTS**
Q. Y. Tang* - X. F. Zheng - W. Cai

Paediatrics I

Sunday 30 August 2009 - 12:30 - 14:00

- P299 NUTRITIONAL INDEX AS CLINICAL OUTCOME INDICATOR IN CHILDHOOD – INFANTS WITH CARDIAC SURGERY**
M. Wakita - A. Taniguchi* - T. Amagai
- P300 INTESTINAL MICROFLORA IN CHILDREN WITH VARIOUS FORMS OF CELIAC DISEASE**
A. T. Kamilova* - D. H. Yuldasheva
- P301 EARLY GROWTH RESTRICTION AMONG VERY LOW BIRTH WEIGHT INFANTS INCREASES CATCH-UP GROWTH THE FIRST YEAR OF LIFE**
A. C. Westerberg* - C. Henriksen - A. Ellingvåg - M. Veierød - P. Juliusson - B. Nakstad - A. K. Aurvåg - A. Rønnestad - M. Grønn - P. O. Iversen - C. A. Drevon
- P302 A COMPARISON OF SEVERAL WELL-KNOWN EQUATIONS TO DETERMINE THE RESTING ENERGY EXPENDITURE IN CHILDREN DIAGNOSED OR SUSPECTED OF A MITOCHONDRIAL DISORDER**
A. M. J. van den Berg* - E. Rasmussen - E. Morava
- P303 EFFECT OF CYPROHEPTADINE ON SHORT-TERM GROWTH AND APPETITE IN CHILDREN WITH FAILURE TO THRIVE SECONDARY TO FOOD AVOIDANCE EMOTIONAL DISORDERS**
A. Rivero-Totosaus* - L. A. Fuentes-Mena - D. Fuentes-Lugo
- P304 ASSOCIATIONS BETWEEN SCHOOL DAY BREAKFAST CONSUMPTION, PHYSICAL ACTIVITY AND CARDIORESPIRATORY FITNESS IN ENGLISH SCHOOLCHILDREN**
G. R. H. Sandercock - C. Voss*
- P305 CAN WE PREDICT INSTEAD OF MEASURING RESTING ENERGY EXPENDITURE IN CRITICALLY ILL CHILDREN? A SYSTEMATIC REVIEW**
C. Jotterand* - J. Depeyre - M. Perez - J. Cotting
- P306 CALCIUM, PHOSPHORUS AND MAGNESIUM BIOMARKERS IN PRIMARY TEETH OF PREMATURELY BORN CHILDREN**
E. Planells* - E. E. Moreno - D. D. Florea - M. García Ávila - M. Moreno Galdó - E. Millán - J. Salmerón - P. Planells
- P307 ASSESSMENT OF NUTRITIONAL STATUS AND ANEMIA IN INFANTS AND PRE-SCHOOL OF A DAY CARE IN ONE CITY FROM SOUTH OF THE COUNTRY**
J. L. Cardoso* - C. C. G. M. Moreira - M. M. F. L. Lazzarotto - G. G. K. B. Bonafim

Paediatrics II

Monday 31 August 2009 - 12:30 - 14:00

- P308 EARLY ENTERAL FEEDING THROUGH NEEDLE CATHETER JEJUNOSTOMY IN SURGICAL NEONATES**
J. Wu* - W. Cai
- P309 WHICH AMOUNTS OF ANTIOXIDANT MICRONUTRIENTS ARE DELIVERED TO VENTILATED CRITICALLY ILL CHILDREN?**
J. Depeyre* - C. Jotterand - M. Perez - J. Cotting
- P310 THE FIRST LONG-TERM STUDY ON THE EFFECT OF SOY PROTEIN IN CHILDREN AND ADOLESCENTS WITH HYPERCHOLESTEROLAEMIA**
K. Widhalm* - A. Kreissl
- P311 HOW TO REDUCE THE INCIDENCE OF PNAC IN SURGICAL NEONATES WITH CONGENITAL INTESTINAL MALFORMATIONS: A 9 YEARS REVIEW**
L. Hong* - Y. Feng - Y. Wang - J. Wu - Q. Tang - W. Cai
- P312 PLASMA AND LIVER LEVELS OF PHYTOSTEROLS AND OCCURRENCE OF CHOLESTASIS IN RATS NOURISHED PARENTERALLY, ENTERALLY AND ORALLY**
M. Forchielli* - G. Bersani - S. Tala' - G. Grossi - M. Rodriguez - L. Martini - G. Lerker - C. Puggioli - M. Masi - R. Giardino
- P313 PRETERM BIRTH REDUCES THE ADAPTATION TO INTESTINAL RESECTION IN NEWBORN PIGS**
P. T. Sangild* - T. Thymann - L. A. Boving - A. C. Støy - P. Lund - P. B. Jeppesen - D. Sigalet - N. Qvist
- P314 LUNG VOLUME AND FFM HYDRATION CORRECTIONS IN AIR DISPLACEMENT PLETHYSMOGRAPHIC MEASUREMENTS APPLIED TO OBESE ADOLESCENTS**
C. den Heijer - L. Hekman - P. J. M. Weijs*
- P315 BREASTFEEDING AND HELICOBACTER PYLORI INFECTION IN PRE-SCHOOL CHILDREN**
T. Sabbi*
- P316 PREVALENCE OF OVERNUTRITION IN DYSPEPTIC CHILDREN**
V. Hurduc* - D. Plesca - A. Manda - A. Zamfirescu - M. Stefanescu - L. Preda

Vitamins, Antioxidants and Minerals I

Sunday 30 August 2009 - 12:30 - 14:00

- P317 THE MAJOR DETERMINANTS OF ANTIOXIDANT CAPACITIES IN RED WINES AND POTATOES**
A. N. Kondrashov* - R. Sevcik
- P318 ASSESSMENT OF VITAMIN E STATUS IN PATIENTS WITH SYSTEMIC INFLAMMATORY RESPONSE SYNDROME: PLASMA, PLASMA CORRECTED FOR LIPIDS OR RED CELL MEASUREMENTS?**
A. T. Vasilaki - D. Dimitra Leivaditi - J. Kinsella - A. Duncan - D. S. T. J. O'Reilly - D. C. McMillan - D. Talwar*
- P319 THE RELATIONSHIP BETWEEN PLASMA AND INTRACELLULAR VITAMINS B2, B6, C AND E AND OUTCOME IN CRITICALLY-ILL PATIENTS**
A. T. Vasilaki - D. Talwar - J. Kinsella - A. Duncan - D. S. T. J. O'Reilly - D. C. McMillan*
- P320 ASSOCIATION OF SOME SPECIFIC NUTRIENTS DEFICIENCY WITH PERIODONTAL DISEASE IN ELDERLY PEOPLE: A SYSTEMATIC LITERATURE REVIEW**
G. J. van der Putten* - J. Vanobbergen - L. N. de Visschere - J. M. G. A. Schols - C. de Baat

POSTERS

- P321 INFLUENCE OF TEMPERATURE, LIGHT AND PLASTIC MATERIAL ON VITAMIN C STABILITY IN TOTAL PARENTERAL NUTRITION ADMINISTRATION SETS**
G. Benzakour* - M. Fathi - P. Bonnabry - Y. M. Dupertuis - C. Pichard
- P322 PATIENTS WITH GASTROINTESTINAL DISEASE RECEIVING PARENTERAL NUTRITION REQUIRE A HIGHER DOSE OF VITAMIN C THAN RECOMMENDED IN THE 1975 AMA GUIDELINE**
H. Kuwabara* - N. Goseki - H. Nakamura - H. Baba - S. Tamai - K. Nakajima
- P323 RED BLOOD CELL GLUTATHIONE PEROXIDASE AS A MARKER OF SELENIUM STATUS DURING ACUTE INFLAMMATION**
J. Logue* - F. Stefanowicz - A. Duncan - D. O'Reilly
- P324 THE EFFECTS OF ROSE-HIP ON PLASMA ANTI-OXIDATIVE ACTIVITY AND CRP IN PATIENTS WITH RHEUMATOID ARTHRITIS AND HEALTHY CONTROLS**
B. Kirkeskov - R. Christensen - S. Bügel - H. Bliddal - B. Danneskiold-Samsøe - L. P. Christensen - J. R. Andersen*

Vitamins, Antioxidants and Minerals II

Monday 31 August 2009 - 12:30 - 14:00

- P325 EFFECT OF THE VIRGIN OLIVE OIL ON PARAMETERS OF OXIDATION IN BURN PATIENTS**
M. V. Cózar - J. L. Pereira* - M. Vázquez - M. A. Mangas - M. Garrido - M. A. Guinda - A. Lanzón - P. P. García-Luna
- P326 HIGH PREVALENCE OF VITAMIN D DEFICIENCY AND OSTEOPOROSIS IN SWEDISH OUT-PATIENTS WITH INTESTINAL FAILURE**
L. H. Ellegård* - A. Axelsson - E. Carlsson - G. Kurlberg - H. Wichman - I. Bosaeus
- P327 VITAMIN D DEFICIENCY IN PATIENTS WITH CHRONIC PANCREATITIS: A CASE-CONTROL COMPARATIVE STUDY**
M. Arvanitakis* - B. Gulbis - J. Devière - M. Delhay - A. Van Gossum
- P328 SERUM ALUMINUM CONCENTRATIONS IN PREMATURE NEWBORNS ON INTRAVENOUS THERAPY AND PARENTERAL NUTRITION**
M. E. Ferreyra* - M. C. Ocaña - E. P. Marmanillo - M. M. Jota
- P329 ORAL PREOPERATIVE ADMINISTRATION OF ANTIOXIDANTS IN PANCREATIC SURGERY: A DOUBLE-BLIND, RANDOMIZED CLINICAL TRIAL**
M. Bissolati* - S. I. Rocchetti - A. A. Beneduce - N. Pecorelli - M. Braga
- P330 NUTRITIONAL INTAKE OF MINERALS OF CZECH WOMEN DURING PREGNANCY**
M. Hronek* - Z. Zadak - P. Doubkova - D. Hrnčiarikova - J. Tosner
- P331 WATER-SOLUBLE-VITAMIN STATUS IN THE POSTOPERATIVE GASTROINTESTINAL SURGICAL PATIENTS RECEIVING PERIPHERAL PARENTERAL NUTRITION**
R. Fukushima* - T. Koide - E. Yamazaki - T. Inoue - E. Ogawa - M. Horikawa - K. Iwasaki - H. Iinuma - T. Inaba
- P332 SUPPLEMENTATION WITH ANTIOXIDATIVE NUTRIENTS AND GLUTAMINE ACCELERATES WOUND CLOSING IN TRAUMA PATIENTS WITH DISORDERS IN WOUND HEALING**
S. C. Blass* - S. Ellinger - H. Goost - R. H. Tolba - B. Stoffel-Wagner - C. Burger - P. Stehle

Late Breaking Abstracts I

Sunday 30 August 2009 - 12:30 - 14:00

- LB001 THE CHANGE OF AN ACETATE BREATH TEST AFTER MASSIVE HEPATECTOMY IN RATS**
Y. Miura*, N. Wasizawa, Y. Urita, H. Kaneko
- LB002 THE BENEFICIAL EFFECT OF APPLE VARIETIES IN EXPERIMENTAL ATHEROTHROMBOTIC CONDITIONS**
J. Yamamoto*, A. Naemura, H. Yamaya, M. Ura, C. Kinugasa, T. Yamashita
- LB003 LACK OF GLYCEMIC RESPONSE AT 120 MINUTES POSTPRANDIAL WITH A NEW DIABETES - SPECIFIC NUTRITIONAL FORMULA**
J. A. Williams*, J. Garcia Almeida, M. Matia Martin, A. Sanz-Paris, M. J. Noss, M. Orera, V. A. Mustad
- LB004 AMOUNT AND TYPE OF CARBOHYDRATE IN DIABETES-SPECIFIC NUTRITIONAL FORMULAS AFFECTS GLYCEMIC RESPONSE IN PATIENTS WITH TYPE 2 DIABETES**
J. A. Williams*, J. Garcia Almeida, M. Matia Martin, A. Sanz-Paris, M. J. Noss, M. Orera, C. L. Paule, D. S. Husted, V. A. Mustad
- LB005 ENERGY INTAKE VARIABILITY IN BOGOTA'S UNIVERSITY STUDENTS: ITS IMPLICATIONS IN ENERGY INTAKE EVALUATION**
Y. Cortes*, C. Corredor, P. Caicedo, A. Acosta, P. Monterrey
- LB006 IMPACT OF SHORT FISH OIL INFUSIONS ON CELL MEMBRANE COMPOSITION IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS SURGERY: PRELIMINARY DATA**
F. R. Delodder*, R. Yerly, D. Khoudi, R. Chioléro, M. M. Berger
- LB007 NUTRITIONAL COUNSELLING IMPROVES ENERGY INTAKE AND QUALITY OF LIFE IN HOSPITALISED CANCER PATIENTS**
U. Ruefenacht, M. Ruehlin, R. Imoberdorf, P. E. Ballmer*
- LB008 EVALUATION OF A PRECODED FOOD RECORD TO ASSESS ENERGY AND PROTEIN INTAKE OF HOSPITAL PATIENTS**
E. F. van den Hil, P. Lelie*, E. Siebelink, J. F. Huitinck, J. H. de Vries
- LB009 USING NUTRITION DAY AS A TOOL TO PROMOTE AWARENESS: THAILAND'S EXPERIENCE**
P. Kietdumrongwong*, V. Trakulhun, B. Bramanavisuth, D. Boonpadung, A. Supachutikul
- LB010 EFFECTS OF ENTERAL NUTRITION ENRICHED WITH EICOSAPENTAENOIC ACID (EPA) IN GASTRIC CANCER PATIENTS UNDERGOING GASTRECTOMY**
A. Bedirli*, M. Kerem, O. Sakrak, K. Dikmen
- LB011 THE EFFECT OF HYPERICUM PERFORATUM EXTRACT ON HEPATIC ISCHEMIA-REPERFUSION INJURY IN RATS**
Ö. Sakrak*, A. Aydın, M. Kerem, H. Pasaoglu, M. Alper, E. Akkol, A. Bedirli
- LB012 ORAL ADMINISTRATION OF A NATURAL EXTRACT RICH IN HYALURONIC ACID FOR THE TREATMENT OF KNEE OA WITH SYNOVITIS: A RETROSPECTIVE COHORT STUDY**
I. Moller, D. Martinez-Puig, C. Chetrit*
- LB013 LIFESTYLE INTERVENTION LEADING TO MODERATE WEIGHT LOSS NORMALIZES POSTPRANDIAL TRIACYLGLYCEROLEMIA DESPITE PERSISTING OBESITY**
L. S. Sidossis*, M. Maraki, N. Aggelopoulou, N. Christodoulou, C. Anastasiou, M. Toutouza, D. Panagiotakos, S. A. Kavouras
- LB014 MUSCLE PROTEIN SYNTHESIS IN CANCER PATIENTS IS STIMULATED BY A LEUCINE-ENRICHED HIGH PROTEIN SUPPLEMENT**
R. R. Wolfe*, A. M. Safar, S. E. Schutzler, R. Memelink, P. Kortebein, N. E. P. Deutz, A. Ferrando, A. van Helvoort
- LB015 BEHAVIOR OF PLASMA FREE AMINO ACIDS OF THE HOSPITALIZED AGED**
H. Ohashi*, I. Sonaka
- LB016 THE MUSCLE PROTEIN SYNTHETIC RESPONSE TO PROTEIN INTAKE AND EXERCISE IN YOUNG AND ELDERLY MEN**
B. Pennings*, J. Senden, M. Beelen, R. Koopman, L. van Loon

POSTERS

Late Breaking Abstracts II

Monday 31 August 2009 - 12:30 - 14:00

- LB017 LONG-TERM OUTCOME OF USING OUR NEW UPPER ARM PORT FOR VENOUS ACCESS: COMPARISON WITH CONVENTIONAL CHEST PORT**
Y. Inoue*, J. Sakao, M. Shibakita, T. Kimura, T. Kimoto, H. Akedo
- LB018 TOPICAL APPLICATION OF NUCLEOTIDES DOES NOT EFFECT WOUND HEALING IN CD73 KNOCKOUT MICE**
D. Y. Liu, S. Holmes, Z. Kaposztas, R. Zhang, J. Yuan, A. Luo, M. R. Blackburn, A. D. Kulkarni, L. F. Thompson, C. T. van Buren*
- LB019 ON THE VISCOUS AND ELASTIC PROPERTIES OF SPOON-THICK CONSISTENCY ORAL NUTRITIONAL SUPPLEMENTS (ONS) FOR DYSPHAGIA MANAGEMENT**
N. Staudinger-Prevost*, W. Martin, J. Mainou-Sierra, E. Brito-de la Fuente
- LB020 PLASMA GLUTAMINE CORRELATES WITH MULTIPLE ORGAN FAILURE IN CRITICALLY ILL CHILDREN**
L. Ekmark*, O. Rooyackers, J. Wernerman, U. Fläring
- LB021 SHOULD WE ADMINISTER THIAMINE IN PERIPHERAL PARENTERAL NUTRITION (PPN)?**
K. Yamauchi*, A. Umeda, K. Kajiwara, Y. Kokuba
- LB022 CHARACTERISTICS OF AMINO ACID LOSS INTO DIALYSATE WITH PERITONEAL DIALYSIS**
T. Nakao*, H. Matsumoto, T. Okada, Y. Nagaoka, T. Wada, A. Gondou, Y. Kanazawa
- LB023 NUTRITIONAL SUPPLEMENTATION AFFECTS POSTOPERATIVE PROTEIN OXIDATION IN HIP-FRACTURE PATIENTS**
I. Gerstorfer, P. Biswas*, E. Fabian, H. Stundner, H. Thaler, I. Elmadfa
- LB024 INCREASED VITAMIN A-LEVELS DURING LONG-TERM PARENTERAL NUTRITION**
H. Bohnert*, P. Thul
- LB025 EFFECT OF OMEGA-3 FATTY ACIDS ENRICHED TOTAL PARENTERAL NUTRITION ON BIOCHEMICAL AND IMMUNOLOGICAL PARAMETERS OF PATIENTS WITH SEPSIS**
G. Gultekin, H. Sahin, N. Inanc*, F. Uyanik, E. Ok
- LB026 NUTRITION PROBLEMS OF NEUROLOGICALLY SEVERELY IMPAIRED CHILDREN IN RESIDENTIAL CENTERS IN LATVIA**
D. Fridrihsone*, A. Jansone
- LB027 SERUM ADVANCED OXIDATIVE PROTEIN PRODUCT IN GASTRIC CANCER CACHEXIA**
M. Kerem*, A. Bedirli, H. Pasaoglu, O. Pasaoglu, K. Dikmen
- LB028 WORKING ACROSS BOUNDARIES – DEVELOPMENT OF AN OUTREACH SUPPORT SERVICE FOR PATIENTS REQUIRING HOME PARENTERAL NUTRITION**
C. Shaw*, A. Myers, J. Shaffer, A. Bradley
- LB029 THE EFFECT OF PERIOPERATIVE NUTRITION ON THE HEALING OF COLONIC ANASTOMOSIS IN MALNOURISHED TOXEMIC RATS**
L. F. Campos*, P. S. Trubian, A. M. Borges, J. A. Benhardt, A. C. Campos
- LB030 COMPARISON OF THE EORTC QLQ-C30 AND THE HPN-QOL IN LONG TERM HPN-PATIENTS**
P. Thul*
- LB031 HOME NUTRITION SUPPORT REGISTRY CZECH REPUBLIC**
A. Jirka*, J. Svanda, P. Tesinsky



CONGRESS INFORMATION

Badges

A name badge is provided on-site with your registration documents. Name badges must be visible and used at all times anywhere within the Congress Centre.

Blue: ESPEN Members Green: Exhibitors & Sponsors
Transparent: ESPEN Non-Members Red: Accompanying persons

Certificate of Attendance

A certificate of attendance is included in the Congress bag together with some instructions. It has to be filled in directly by the participant.

CME

The organisers have applied for Continuing Medical Education credits for full attendance to the European Accreditation Council for continuing Medical Education (EACCME). The EACCME is an institution of the European Union of Medical Specialists (UEMS). EACCME credits are recognised by the American Medical Association towards the Physicians' Recognition Award (PRA). Delegates wishing to claim CME points must fill in the CME evaluation form (to be found in the delegate's bag) and place the latter in the "Evaluation Box" located at the registration area. No CME will be given unless the evaluation form has been filled in and returned **during the event ONLY**.

Congress Documents

The Congress documents should be collected on-site at the Registration Desk during opening hours, at the Vienna Congress Centre.

Cyber Café & Wi-Fi

A Cyber Café sponsored by Nutricia is available within the exhibition area. Furthermore, Wi-Fi is available within the Congress Centre during the opening hours.

Disclaimer

ESPEN and MCI Suisse SA, as the Congress planner, claim no liability for the act of any supplier to this meeting, nor liability for personal injury, the safety of any attendee while in transit to or from this event, for any loss or damage, for delays in transport by air, sea, rail, road, weather, in case of strikes, sickness, war or other causes.

Exhibition Information

The ESPEN 2009 exhibition, featuring commercial displays of International Organisations, Pharmaceutical Companies, Media Publishers and Scientific Societies, will be located at the ground floor of the Reed Messe Congress Centre. Coffee breaks and lunch boxes will be distributed around the exhibition.

Exhibition Schedule

Saturday	29 August 2009	11:00-18:00
Sunday	30 August 2009	09:00-17:45
Monday	31 August 2009	09:00-17:45
Tuesday	1 September 2009	09:00-12:00

Food & Beverage

Coffee/tea and light snacks during official breaks are included in the registration fees and will be served around the exhibition area. There is a cash bar located on the ground floor (Pavillon). It will be opened during the Congress opening hours. A lunch box will be offered to each registered delegate (not to the accompanying persons) on Sunday 30 and Monday 31 August 2009 around the exhibition area.

Languages

English is the official Congress language. No translation is provided.

Lost and Found

A lost-and-found service is available at the registration desk.



CONGRESS INFORMATION

Mobile Phones

Delegates are kindly requested to keep their mobile phones in the off position in the rooms where scientific and educational sessions are being held, as well as during poster sessions' rounds.

On-site

The desk for registration, information and distribution of documents is open as follows:

Friday	28 August 2009	08:30-18:00	LLL Registration ONLY
Friday	28 August 2009	17:00-19:00	Congress Registration
Saturday	29 August 2009	08:00-21:00	
Sunday	30 August 2009	07:30-19:00	
Monday	31 August 2009	07:30-19:00	
Tuesday	1 September 2009	08:00-12:00	

Poster Sessions

Posters sessions are located on the ground floor of the Reed Messe Congress Centre, in the Mall (main Corridor). Posters should be mounted on the assigned board in the Poster Display area. Please contact the Posters desk (in the registration area) to get the necessary material. The author should be present in front of his/her poster during Poster viewing for free discussion.

Registration

All participants, including speakers and chairmen, must submit a completed on-line registration form.

Registration Fees

Delegates Fees Include:

- Admission to all sessions and exhibition
- Congress Bag
- Final Programme
- Abstract Book
- Certificate of Attendance
- Welcome Reception
- Scheduled Coffee Breaks
- Lunch box on Sunday 30 and Monday 31 August 2009
- Transportation Pass on the Vienna Public Network (airport not included)

Accompanying Persons' Fee include:

- Welcome Reception
- Vienna City Tour
- Transportation Pass on the Vienna Public Network (airport not included)

Smoking Policy

The ESPEN 2009 Congress wishes to be a non-smoking event. Participants are kindly requested to refrain from smoking in the Congress venue, including within the exhibition & posters area.

Speaker's Preview Room

The Speakers' Preview Room is located on the ground floor of the Reed Messe Congress Centre, opposite the Registration desks. Speakers are kindly requested to provide their PC formatted USB keys (PowerPoint presentations) to the Speaker's Preview Room centre at **least two hours before their session**. All conference rooms contain state-of-the-art technical equipment.

The Speakers' Preview Room is opened as follows:

Saturday	29 August 2009	08:00-18:00
Sunday	30 August 2009	08:00-19:00
Monday	31 August 2009	08:00-19:00
Tuesday	1 September 2009	08:00-12:00



VIENNA INFORMATION

About Vienna

The capital of Austria, a city with about 2 million inhabitants, is situated in the heart of Europe, and is lying on the banks of the majestic Danube River. The City's ever-changing history has left an indelible mark, manifested in a rich cultural heritage. Vienna's ultimate fascination stems from combining imperial grandeur with cosmopolitan spirit, a composition which emerged after the break-up of the Austro-Hungarian Monarchy. Viennese writers, musicians, artists, and scientists have influenced many aspects of our modern world. Today, it offers old historical palaces and modern shopping centres, traditional hotels, Austrian food and haute cuisine, typical Viennese coffee houses and restaurants, outstanding opera performances, classical concerts and open-air festivals, antique shops and elegant boutiques – all joined in an incomparable Viennese harmony.

Climate and Clothing

Vienna has a temperate continental climate, with warm, sunny summers and cold winters. The average temperature range in January is between -4°C to 1°C (23°F and 34°F), while in August/September temperatures range between 15°C and 25°C (60°F and 76°F).

Communication

For international calls to Austria, dial the international code +43 and the correspondent's number (with the 0).

Credit cards / Cash machines

Credit cards are widely accepted in Vienna by numerous hotels, restaurants, shops and petrol stations. The accepted credit cards are indicated by their logos displayed on the exterior facade of the respective business (usually on the entrance door). Cash machines are easily available in most areas, and also inside the Congress Centre. Be prepared to present a picture ID when using a credit card.

Currency

The local currency is the Euro (EUR / €). $1\text{€} = 100$ cents. Banks and post offices are the most reliable places to change travellers' cheques and generally offer the best rates. Credit cards are widely accepted in Austria and the exchange rate is usually better than for cash or travellers cheques. It is advisable to find out what the commission is before proceeding with the transaction.

Customs

Please mind the following regulations when importing tobacco products from neighbouring countries. When coming to Austria by car or ship, the ceiling of 25 cigarettes continues to apply. Limited quantities also apply when importing tobacco products from Estonia, Latvia, Lithuania and Poland, or when you arrive by plane from one of the adjoining new states.



220V 50Hz

Electricity

Austria, like most other European countries, has 220-volt AC, 50Hz current and uses two-pin continental plugs. Visitors from the UK need an adaptor for electric appliances, whereas North Americans need a transformer in order to use their 110/125V appliances.

Emergency numbers

Call free (only from within Austria):

Fire 122

Police 133

Ambulance 144

Doctor 141

European SOS 112



VIENNA INFORMATION

Language

German is the official language in Austria. English are common in hotels and tourist places.

Opening Hours

Most shops are open from 09:00 to 18:00 and till 17:00 on Saturdays in the main cities. In Vienna, some shops are open on Sundays.

Public transportation

The public transport system in Vienna is one of the most modern and efficient in the world with 5 underground lines, 32 tram routes, 90 bus routes (including 20 night services). At peak times the underground runs every three minutes on average, trams and buses every three to five minutes.

All registered delegates and accompanying persons are offered a public transport pass. To receive your pass, please exchange your "transportation voucher" for the pass at the Bag & Transportation pass delivery desk located within the Registration area.

Safety

Vienna is a safe city to walk around. Assaults are rare. However, common sense must also be used. At night, try to stick to busy areas. As in any city, keep a close eye on your valuables at all times.

Taxis & Transport

The concierge of your hotel can call a taxi for you, or you may want to call the following taxi companies: Tel. 60160, Tel. 40100, Tel. 31300, Tel. 81400. By taxi, the journey from the city centre to the Congress Centre takes between 10 to 20 minutes, depending on the traffic.

Travelling to the Reed Messe (stops: "Messe Prater" or "Krieau") by Underground (U-Bahn) from Wien Mitte: U4 (green line) to "Schottenring" then U2 (violet line) to "Messe Prater" or "Krieau". Underground (U-Bahn) from Wien-Nord (Praterstern): U2 (violet line) to "Messe Prater" or "Krieau".

Time

Austria follows the Central European Time (CET) which is one hour ahead of Greenwich Mean Time (GMT) and six hours ahead of Eastern Standard Time (EST). At the time of the Congress, summer daylight saving is in operation which is two hours ahead of GMT.

Tipping

Service is normally included in restaurant, hotel and taxi bills, however further tip can be given for good service. It is common, to round up the bill.

Travel Insurance

A travel insurance policy to cover theft, loss and medical problems is recommended. Neither the Organising Secretariat nor ESPEN will be held liable for illness, accidents or thefts suffered by Participants or Accompanying Persons during the Congress or their stay in Austria before, during or after the Congress. Participants are strongly recommended to seek insurance coverage for health and accident, lost luggage and trip cancellation.

VAT

The standard V.A.T. rate in Austria is 20%. There is a reduced V.A.T. rate of 10%. The reduced VAT rate applies to tourism services, food and agriculture. Everybody who visits Austria as a tourist and who is not a resident of an EU country is eligible for the VAT reimbursement. Note that value added tax in Austria is almost always included in the price that is indicated in shops. A minimum value of EUR 75 must be purchased to be eligible for V.A.T. refund. More information at www.globalrefund.com



SOCIAL EVENTS & EXCURSIONS

SOCIAL EVENTS

- Opening Ceremony on Saturday 29th August 2009.
- Welcome Reception on Saturday 29th August 2009 at the Reed Messe Congress Centre, in the Main Foyer. Come and enjoy meeting friends and colleagues with a drink, typical Austrian food and live music!

EXCURSIONS

Excursions are confirmed if a minimum of 15 participants is met. Full refunds will be made if an activity is cancelled due to a lack of participants. Meeting point for all tours: in front of the Excursions Desk located in the Registration area, at the Reed Messe Congress Centre.

1. Half-Day Excursion (walking tour): Historic Vienna

- Rate per person: €23,00
except for accompanying persons for whom this tour is included in their fee.
- Date: Saturday 29th August 2009 at 14:00 & Monday 31st August 2009 at 09:00
- Duration: ~ 2 h

2. Half-Day Excursion (walking tour): City of Music

- Rate per person: €28,00 - including guide, entrance fee House of Mozart
- Date: Sunday 30th August 2009 at 14:00
- Duration: ~ 2 h

3. Half-Day Excursion (walking tour): Excursion - The Naschmarkt

- Rate per person: €23,00 - including guide
- Date: Saturday 29th August 2009 at 14:00
- Duration: ~ 2 h

4. Half-Day Excursion (bus):

Excursion - Grand City Tour including Schönbrunn Palace

- Rate per person: €35,00 - including bus, guide, entrance fees Imperial summer apartments
- Date: Sunday 30th August 2009 at 09:00
- Duration: ~ 3 h

5. Full Day Excursion (bus and boat): Romantic Danube Valley "Wachau"

- Rate per person: €116,00 - including bus, boat, guide, entrance at Melk and lunch
- Date: Monday 31st August 2009 at 08:00
- Duration: ~ 8 h





ACKNOWLEDGEMENTS

The ESPEN 2009 Organising Committee wishes to express its gratitude to its sponsors and exhibitors.

COMPANY NAME	COUNTRY	TYPE OF SPONSORING
Abbott Laboratories	USA	Satellite Symposium
AKE, nutritionDay, DGEM, Central ESPEN		Exhibitor
B. Braun Melsungen	Germany	LLL Courses
Baxter	Belgium	Advertisement Lanyards Satellite Symposium
Berlin Chemie AG	Germany	Exhibitor
Biospace Co.,Ltd.	South Korea	Exhibitor
Biosyn Arzneimittel GmbH	Germany	Exhibitor
Bodystat Ltd	United Kingdom	Exhibitor
Cosmed S.R.L	Italy	Exhibitor
Covidien	United Kingdom	Exhibitor
Fresenius Kabi	Germany	Satellite Symposium
Gastro 2009 UEGWWCOGUEGW	Austria	Exhibitor
Group Seb/Tefal	Austria	Exhibitor
Medgraphics	USA	Exhibitor
Menarini	Italy	Exhibitor
Micrel Medical Devices	Greece	Exhibitor
Nestlé Nutrition	Switzerland	Satellite Symposium
Nutricia Advanced Medical Nutrition	Netherlands	Advertisement Cyber Café Satellite Symposium
S. Karger AG	Switzerland	Exhibitor
Tanita	Netherlands	Exhibitor
Tauropharm	Germany	Exhibitor
Wisepress Online Bookshop	United Kingdom	Exhibitor



LIST OF SPONSORS & EXHIBITORS

SPONSOR

ABBOTT LABORATORIES

200 Abbott Park Road
Abbott Park, Illinois 60064
USA
www.abbott.com

Abbott Nutrition is a world leader in delivering world-class clinically proven, science-based nutrition products to support the growth, health and wellness of people of all ages. Today, Abbott Nutrition develops and markets a wide range of science-based infant formulas, medical nutritionals, nutrition and energy bars, and related products to support the growth, health and wellness of people of all ages. Our internationally recognized brands include the Similac® brand of infant formulas; the Gain® brand of follow-on formulas and growing-up milks for older babies and toddlers; the Grow® brand of pre-school milk for children 3 years and beyond; the PediaSure® brand of complete and balanced nutrition and snacks for children; and the Ensure® brand of complete and balanced nutrition for adults.

SPONSOR

BAXTER

Hertistrasse 2
8304 Wallisellen
Switzerland
www.baxter.com

Baxter is a leading global diversified healthcare company that develops products and technologies in pharmaceuticals, biotechnology and medical devices. Within Baxter's Medication Delivery business, the nutrition portfolio provides a wide variety of products and services needed to treat and support patients, in hospitals or at home. With a broad range of multi-chamber bags as well as macro- and micronutrients, Baxter supports prescribers and users of parenteral nutrition products from prescription to administration in an effective, simple and appropriate way. In addition IV fluids, administration sets, electronic infusion pumps as well as oncology drugs are also part of Baxter's Medication Delivery business, offering healthcare providers a comprehensive range of products and technologies to treat their patients.

SPONSOR

B. BRAUN

B. Braun Melsungen AG
P.O. Box 1 20, 34209 Melsungen
Germany
www.bbraun.com
www.nutrition-partner.com

Your Partner in Clinical Nutrition
B. Braun, a globally operating family owned company with more than 38,000 employees. Our offer includes a wide range of products and services to hospitals and practitioners in more than 100 countries. With focus on fluid management and control we are your first choice in I.V. fluid and nutrition therapy. Our innovative, state-of-the-art products and client-oriented services are characterized by clinical safety and consultancy. B. Braun stands in the forefront of the changing health care demands. Please visit our website www.nutrition-partner.com and discover more about Parenteral Nutrition by B. Braun.

BOOTH N° 8

BERLIN-CHEMIE AG / MENARINI

Glienicker Weg 125
12489 Berlin
Germany
www.berlin-chemie.de

Pharmaceutical competence in the heart of Europe. Dynamic growth, drug innovations and a wealth of experience that has matured over generations are the hallmarks of BERLIN-CHEMIE AG. The company belongs to Italy's global MENARINI Group and works mainly for the development of business in Germany, Eastern Europe and Asia. As one of the MENARINI Group's three research sites, BERLIN-CHEMIE AG is fully integrated in the research programme of the group. The main site of BERLIN-CHEMIE AG with a rich tradition is located in Berlin-Adlershof, where chemical-pharmaceutical products have been manufactured since 1890.



LIST OF SPONSORS & EXHIBITORS

BOOTH N° 5

BIOSPACE CO., LTD

518-10 Dogok 2-dong Gangnam-gu
135-854, Seoul
South Korea
www.e-inbody.com

Biospace's InBody is a world-renowned BIA equipment with its unique technology of DSM (Direct Segmental Multifrequency), 8-Point Tactile electrode and no use of empirical estimation are commonly applied to all models. InBody is widely used in various markets especially in the nutrition centre, obesity clinic, fitness centre and aesthetic centre.

BOOTH N°4

BIOSYN ARZNEIMITTEL GMBH

Schorndorfer Straße 32
70734 Fellbach
Germany
www.biosyn.de

Information office in Austria
Sophienalpenstraße 17
1140 Vienna
Austria
www.biosyn.at

Biosyn was founded in 1984 and is one of the first European biotechnology companies. As a research-oriented pharmaceutical company, biosyn focuses specifically on the treatment of cancer, intensive care medicine and chronic heavy metal contamination.

BOOTH N° 6

BODYSTAT LTD

PO Box 50
Douglas, Isle of Man, IM99 1DQ,
British Isles
www.bodystat.com

BODYSTAT®, are established as one of the global leaders in body composition analysis using Bioelectrical Impedance Analysis (BIA) technology. **BODYSTAT®** will present its BIA technology to determine a patient's nutritional status and their unique Wellness & Illness Markers™. Complex changes occur in body composition and fluid status during Obesity Weight Management programs and illness. Monitoring these biological changes can provide a clear insight for early diagnosis and treatment. As the need for non-invasive, non-intrusive diagnostic systems has increased and regular monitoring becomes even more important, clinicians are seeking quick, simple solutions to monitor these changes.

BOOTH N° 7

COSMED S.R.L

Via dei Piani di Monte Savello 37
00041 Pavona di Albano (Rome)
Italy
www.cosmed.com

COSMED, leading company manufacturing Cardio Pulmonary diagnostics, provides complete solutions for clinical nutrition and weight management. Introducing a new generation of Indirect Calorimeters: Quark RMR a metabolic cart for Clinical Nutritional Assessment (REE, Substrate of Metabolism) available either with Canopy for spontaneously breathing subjects or with a kit for assessing ventilatory assisted patients. Fitmate, an easy to use desktop-size metabolic system for accurate measurement of Resting Energy Expenditure (REE) and built-in Weight Management program based on Energy Balance.



LIST OF SPONSORS & EXHIBITORS

BOOTH N° 11

COVIDIEN UK

Ashwood
Chineham Business Park
Basingstoke RG24 8EH Hants
United Kingdom
www.covidien.com

Covidien is one of the world's largest providers of advanced medical devices, supplies and pharmaceuticals for everything from saving lives to bringing new lives into the world. Our portfolio of leading brands includes Autosuture, Kendall, Mallinckrodt, Nellcor, Puritan Bennett, Syneture and Valleylab.

SPONSOR

FRESENIUS KABI DEUTSCHLAND GMBH

Borkenberg 14
61440 Oberursel
Germany
www.fresenius-kabi.com

Fresenius Kabi is the leader in infusion therapy and clinical nutrition in Europe and in its most important countries of Latin America and Asia Pacific. Within I.V. generic drugs, Fresenius Kabi counts among the leading suppliers in the U.S. market. The company is dedicated to the therapy and care of critically and chronically ill patients in and outside the hospital by providing intravenously administered drugs, infusion therapies, clinical nutrition and related medical devices. Fresenius Kabi has more than 20,000 employees worldwide and a global network of around 55 sales organizations.

BOOTH N° 14

GASTRO 2009 UEGW/WCOGUEGW

GASTRO 2009 Secretariat
Hollandstrasse 14
1020 Vienna
Austria
www.gastro2009.org

For the first time in the history of gastroenterology, an international conference will bring together the forces of four pre-eminent organisations. The United European Gastroenterology Federation (UEGF) and the World Gastroenterology Organisation (WGO), together with the World Organisation of Digestive Endoscopy (OMED) and the British Society of Gastroenterology (BSG), are to jointly organise this landmark meeting from November 21 to 25, 2009 in London. This collaboration will ensure the perfect balance of basic science and clinical practice and will encompass all disciplines in gastroenterology (endoscopy, digestive oncology, nutrition, digestive surgery, hepatology, gastroenterology).

BOOTH N° 16

GROUPE SEB/TEFAL

Campus 21 - Businesspark Wien Süd
Liebermannstr. A02 702
2345 Brunn am Gebirge
Austria
www.groupeseb.com

Present in 120 countries, Groupe Seb/Tefal is committed to improve the quality of life for consumers worldwide by providing them with innovative products. Simplifying their daily lives while procuring enjoyment and welfare is our mission. Nutrition-conscious for several years, Groupe Seb/Tefal launched an innovative and unique cooking concept combining health and delight: the Nutritious and Delicious range is aimed at giving consumers a healthier way to cook without compromising on great taste.



LIST OF SPONSORS & EXHIBITORS

BOOTH N° 9

MEDGRAPHICS

350 Oak Grove Parkway
St. Paul, MN 55127
USA
www.medgraphics.com

Medical Graphics Corporation is the leading innovator in the design, manufacture and sale of Cardiorespiratory Diagnostic Systems. Our Cardiorespiratory Exercise, Nutrition, and Pulmonary Function Systems are used worldwide for the prevention, detection, and management of heart and lung disease.

BOOTH N° 1

MICREL MEDICAL

4 Ithakis Str
15351 Pallinni
Athens - Greece
www.micrelmed.com

Micrel Medical Devices is a medical technology company designing, manufacturing and selling "smart drug delivery systems." Specifically, Micrel offers a full range of syringe drivers, ambulatory infusion pumps and related disposables, accessories and services for a broad array of hospital and home-based patient treatments. Particularly, the extended range of pumps and accessories developed thanks to the direct contribution of patients associations makes unique the Parenteral nutrition products offer of Micrel.

The **Mini Rythmic™ PN** for Home Parenteral Nutrition (HPN)

- Is equipped with the air eliminator filter positioned upstream the air detector to avoid repeated air alarms and related priming constraints
- Is extremely compact and lightweight for such application: 390g with battery pack providing up to 3.5L of infusion at 400ml/h
- Is extremely quiet

Operating as a flexible, customer/therapy driven medical equipment innovator, Micrel has become the number one European manufacturer of ambulatory devices and rightfully gained a reputation in the global market as an "expert in ambulatory infusion devices".

SPONSOR

NESTLÉ NUTRITION

Avenue Reller 22
1800 Vevey
Switzerland
www.nestlenutrition.com
www.nestlenutrition-institute.org

Nestlé HealthCare Nutrition, part of Nestlé Nutrition, makes a positive difference to the nutritional health, well-being and quality of life of patients through the development and delivery of innovative, medically recognized branded nutritional solutions. Our range of solutions helps to optimize the nutritional intake of patients whether their goal is to combat disease and/or recover better and faster or to stay healthy. Excellent taste and convenient formats help patients comply with recommended intakes. Our range addresses standard and disease specific nutritional needs and related services including patient and healthcare professional education and training. Nestlé HealthCare Nutrition has worldwide headquarters in Gland (Switzerland).

SPONSOR

NUTRICIA ADVANCED MEDICAL NUTRITION

Schiphol Boulevard 105
1118 BG Schiphol Airport
Netherlands
www.nutricia.com

Nutricia is a specialised unit of Danone, with a mission to lead the use of Advanced Medical Nutrition in disease management and disease prevention. With its focus on innovative, science-based nutrition delivering proven consumer benefits and better clinical outcomes for patients, Nutricia supports Danone's broader mission to bring health through food to the greatest number. Nutricia was acquired by Danone in 2007.



LIST OF SPONSORS & EXHIBITORS

BOOTH N° 3

S. KARGER AG

Allschwilerstrasse 10
4009 Basel
Switzerland
www.karger.com/nutrition

S. Karger Medical Publishers has a range of publications in the field of nutrition, including the journal ANNALS OF NUTRITION AND METABOLISM as well as several book series such as WORLD REVIEW OF NUTRITION AND DIETETICS. New releases presented during the congress include the titles 'A Balanced Omega-6/Omega-3 Fatty Acid Ratio, Cholesterol and Coronary Heart Disease' and 'Food Factors for Health Promotion'. Publications are accessible online at www.karger.com/nutrition, with full-text search of articles and many other services. This Swiss-based privately-owned publishing house combines highly sophisticated production technology with customized services for its authors, editors and readers.

BOOTHS N° 12 & 13

TANITA

Holland Office Centre
Kruisweg 813 A
2132NG Hoofddorp
Netherlands
www.tanita.eu

TANITA, a leading innovative manufacturer of healthcare equipment, will be presenting products from its range of Body Composition Analysers; MC 180 MA and AB 140 M. Since the first Body Composition Analyser was introduced over 17 years ago, TANITA has been recognised as the brand leader in Body Composition Analysis. The MC 180 MA - Multi Frequency Body Composition Analyser is simple and non-invasive, providing accurate weight, BMI, BMI, ECW and ICW readings, along with in-depth segmental body composition analysis including Fat %, Fat Free Mass and Water %. The AB 140 M - An innovative concept, which directly measures abdominal fat, waist circumference and indicates visceral fat level, using the latest Tanita BIA technology.

BOOTH N° 10

TAUROPHARM GMBH

Jägerstrasse 5a
97297 Waldbüttelbrunn
Germany
www.tauropharm.de

The core interests of TauroPharm GmbH – a life-science company - is to offer a safe and effective technology for locking central venous access devices. Its product TauroLock™, a non-antibiotic lock solution, which is capable of dramatically reducing catheter related blood stream infections (CRBSI) is free of side-effects. TauroLock™ is highly effective in eradicating bacteria and fungi and has been successfully tested on more than five hundred organisms, including multiresistant forms such as MRSA and VRE. It is to be used in dialysis, oncology and parenteral nutrition. To improve catheter patency TauroLock™ products contain 4% citrate and/or heparin (TauroLock™, TauroLock™-Hep100, TauroLock™-Hep500).

BOOTH N° 15

WISEPRESS ONLINE BOOKSHOP

The Old Lamp Works
25 High Path
London, SW19 2JL
United Kingdom
www.wisepress.com

Wisepress.com, Europe's leading conference bookseller, has a complete range of books and journals relevant to the themes of the meeting. Books can be purchased at the stand or, if you would rather not carry them, posted to you – Wisepress will deliver worldwide. In addition to attending 250 conferences per year, Wisepress has a comprehensive medical and scientific bookshop online with great offers, some up to 40% off the publisher list prices.



**The Educational Programme of ESPEN 2009
Enjoy it in Vienna, relive the experience at home!**

Dear Congress Participant,

Once again this year we will put on our website the presentations of the Educational Programme, soon after the congress is over. This will be a great opportunity for you to go back to the lectures you have attended and even those you have missed.

To open the presentations, you only need to make sure that you have Adobe Acrobat® or Adobe Reader® on your computer (the latter can be downloaded for free on www.adobe.com).

Then, it's simple as 1-2-3:

1. Go to <http://www.espen.org/lectures>
2. Select the lecture you're interested in and click on the file name (underlined blue link) at the end of the line
3. You're done!

The files contain the slides that were showed during the lecture.

These files will be available at this address until **January 2010**. They will then be moved to the Members-Only area, along with the **Istanbul, Prague and Florence** lectures. Along with the LLL programme, the ESPEN Virtual Library is a real educational value for ESPEN members!

We wish you a great **Vienna** meeting, here and at home.

All the best.

Alastair Forbes
Chairman of the Education
and Clinical Practice Committee

Alessandro Laviano
Information Technology Officer

DISCLOSURE OF CONFLICT OF INTEREST

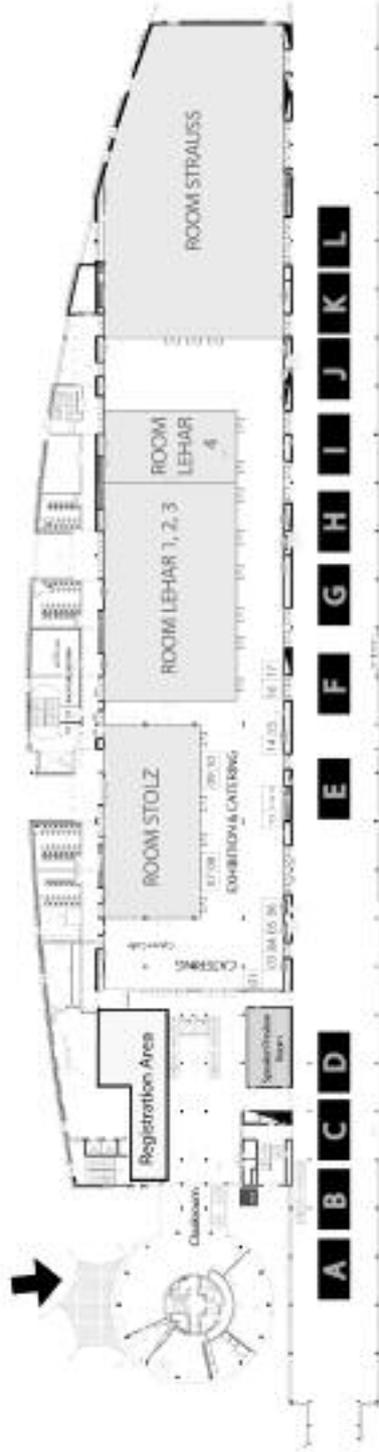
Family name	First name	Company
Bauer	Jürgen	Nestlé, Nutricia
Bloom	Stephen	Wyeth
Cano	Noël	Amgen, Baxter, B. Braun, DNH-Celia, Fresenius-Kabi, Fresenius Medical Care, Gambro, Hospal, Novartis, Nutricia, Ortho-Biotech, Roche, Sigma-Tau
Cynober	Luc	Nestlé Clinical Nutrition, Baxter, Citrage
Dejong	Cornelis	Fresenius-Kabi Germany
Fearon	Kenneth	Abbott, Fresenius-Kabi
Forbes	Alastair	Nycomed, Baxter, Nutricia
Garcia de Lorenzo	Abelardo	Abbott, Baxter, Fresenius-Kabi, Nutricia, B. Braun
Greco	Irina	Fresenius-Kabi
Harris	William	OmegaQuant, GSK, Monsanto
Ikitzler	Alp	Amgen, Fresenius Medical Care, Satellite Health, NIH, NovoNordisk, Medical Nutrition Therapy, Abbott Renal Care, Orthobiotech
Kalantar-Zadeh	Kamyar	Abbott Nutrition, NovoNordisk, NutriPletion
Kimura	Takeshi	Ajinomoto Co, Inc.
Kolacek	Sanja	Nestlé, SHS, Abbott, Glaxo Smith Cline, SHS, Dukat, Podravka
Krebs	Michael	NovoNordisk, Takeda
Ljungqvist	Olle	Danone, Fresenius-Kabi
Lochs	Herbert	Yakult, Ardeypharm, Nestlé
Madl	Christian	VIASYS Healthcare Inc, Fresenius-Kabi
McClave	Stephen	Abbott, Nestlé, Kimberly Clark, Boston Scientific
Pison	Christophe	Nutrition-Danone
Prager	Gerhard	AMI, Covidien
Schneider	Stéphane	Danone France, Biocodex

At the time of printing, August 2009, we have the above conflict of Interest information. ESPEN 2009 aims to ensure balance, independence, objectivity and scientific rigour in all aspects of its programmes. All speakers have been asked to sign a "Conflict of Interest" form to disclose any financial interest or affiliation with commercial organizations that may have a direct or indirect interest in the subject matter of the presentation.



EXHIBITION PLAN

ENTRANCE



EXHIBITORS LIST

- AKE, nutritionDay, DGEM, Central ESPEN
- Berlin Chemie AG
- Biospace Co. Ltd
- Biosyn Arzneimittel GmbH
- Bodystat Ltd
- Coamed S.R.L.
- CowShan
- Gastro 2008 UEGW / WCOG
- Groupe Seb / Tejal
- Medgraphics
- Mensini
- Micel Medical
- S. Karger AG
- Tanita Europe B.V.
- Taurapharm GmbH
- Wiley-Blackwell Online Bookshop

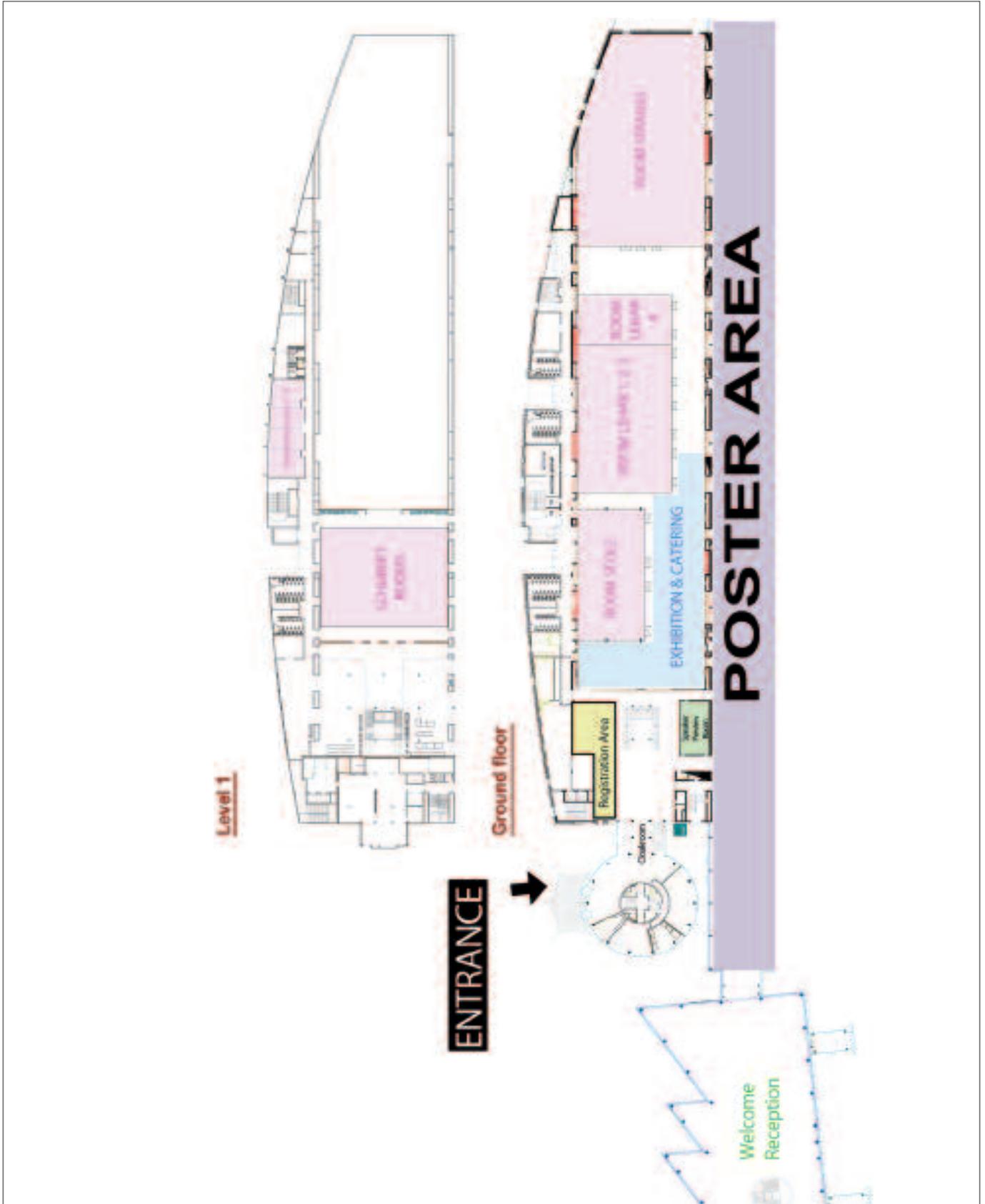
POSTERS

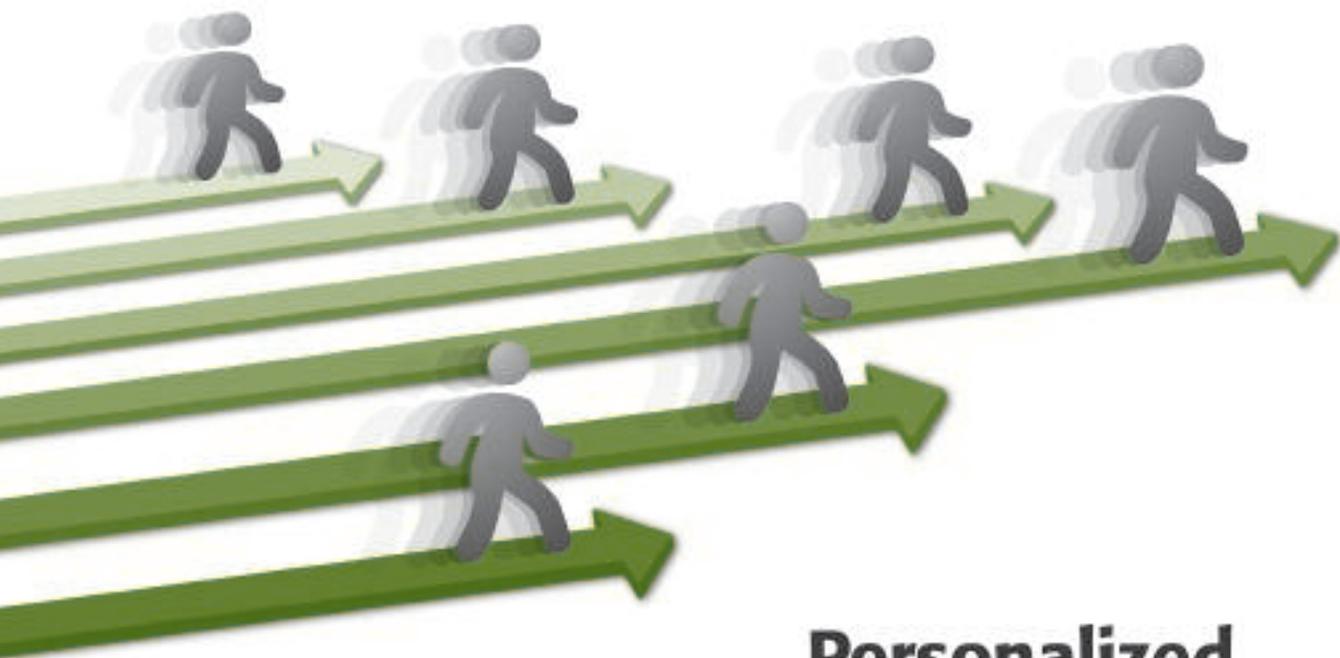
- A Critical Care
- B Geriatrics
- C Liver and gastrointestinal tract
- D Macromolecules metabolism
- D Metabolic regulation
- E Nutrition and cancer
- F Nutritional assessment
- G Nutritional epidemiology
- H Nutritional techniques and formulations
- I Nutrition and chronic diseases
- J Obesity and metabolic syndrome
- J Paediatrics
- K Vitamins, antioxidants and minerals
- L Late Breaking Abstracts

- P 001 - P 003
- P 034 - P 056
- P 057 - P 062
- P 083 - P 093
- P 094 - P 104
- P 105 - P 132
- P 133 - P 193
- P 194 - P 219
- P 220 - P 253
- P 254 - P 294
- P 295 - P 298
- P 299 - P 316
- P 317 - P 332
- LB 001 - LB 031



ESPEN 2009 – VENUE PLAN





Personalized Nutritional Therapy

A simple choice to meet
the needs of patients



Baxter


OLIMEL