

# PROGRAMME DAY BY DAY

Saturday, September 20th, 2003

20.00-21.00 Palais des Festivals et des Congrès, Terrasse, 6<sup>th</sup> floor

Welcome Reception

Sunday, September 21st, 2003

10.00-11.30 Room Esterel

## Satellite Symposium Health@tech

### Indirect calorimetry - A tribute to the late DH Elwyn and S Bursztein

Chair:

Y. Carpentier, Belgium

Co-Chair:

P. Singer, Israel

- Historical aspects
- Cellular energy metabolism
- Indirect calorimetry in the ICU
- Energy expenditure measurements in the out patient setting

J. Kinney, USA

X. Leverve, France

P. Singer, Israel

J. Mault, USA

## Auditorium A

### Satellite Symposium IMD soft

#### Computers in nutrition

Chair:

R. Chiolero, Switzerland

Co-Chair:

M. Berger, Switzerland

- Added value of bedside computers in the critically ill patient
- Bedside computers to improve glycemic control
- Computerised energy balance during nutritional support
- Bedside computers to improve quality control during nutritional support

R. Chiolero, Switzerland

E. Rood, Netherlands

E. Grozowski, Israel

M. Berger, Switzerland

11.30-12.00 Opening Exhibition Area

## Debussy Theatre

12.15-12.45 Opening ceremony

C. Pichard, Switzerland

P. Singer, Israel

12.45-13.15 Introductory lecture

Chair:

Y. Berner, Israel

Co-Chair:

A. Shenkin, United Kingdom

Old stagers turn new "agers"

L. Cynober, France

13.15-13.45 Cannes – Israel special lecture

War, plague and famine: a devastating trio throughout history

E. Dolev, Israel

14.00-15.30 Track: Protein wasting in chronic Disease

Part I: Mechanism of protein wasting in different diseases

Chair:

G. Biolo, Italy

Co-Chair:

F. Hammarqvist, Sweden

- Cardiac disease
- Pulmonary disease
- Aging

S. D. Anker, Germany

M. Engelen, Netherlands

E. Volpi, USA

The following Original Communications will also be included as short oral presentations:

- **Abstract N° 091-O** – Inactivity impairs amino acid-induced protein anabolism
- **Abstract N° 092-O** – Stimulated muscle protein metabolism during early endotoxemia in mice is mediated by NOS-3.

B. Ciocchi, Italy

Y. Luiking, Netherlands

# PROGRAMME DAY BY DAY

Sunday, September 21st, 2003

## 14.00-15.30 Room Esterel

### From data to health policy

Chair:

S. Schwartz, Spain

Co-Chair:

J. Kondrup, Denmark

- Impact of government in nutrition epidemiology for nutrition and health policy
- Malnutrition and Poverty

D. Nitzan Kaluski, Israel

I. Mustafa, Indonesia

The following Original Communications will also be included as short oral presentations:

- **Abstract N° 346-O** – Subjective global assessment and malnutrition advisory group tool for malnutrition screening: which is better for developing countries. M. Mallath, India
- **Abstract N° 347-O** – Influence of social state on the prevalence of malnutrition in hospitalized patients T. Schuetz, Germany
- Defining the optimal protein intake – science as politics P. Stehle, Germany

## Auditorium A

### Nutrition and the brain: can we interfere?

Chair:

C. Pichard, Switzerland

Co-Chair:

P. Soeters, Netherlands

- Glutamine and the brain
- The role of fatty acids on the development and aging of the brain
- Nutrition and intelligence

P. Dechelotte, France

S. Yehuda, Israel

M. Crawford, United Kingdom

## Auditorium K

### Oral presentation I (clinical)

Chair:

M. Berger, Switzerland

Co-Chair:

E. Dolev, Israel

- **Abstract N° 281-O** - Early results from instituting an enhanced recovery program after colorectal surgery at two different surgical institutions in the EU. J. Nygren, Sweden
- **Abstract N° 282-O** - Metabolic effects of postoperative enteral nutrition in an enhanced-recovery protocol after colorectal surgery. M. Soop, Sweden
- **Abstract N° 283-O** - Preoperative carbohydrates reduce postoperative nausea and vomiting after elective laparoscopic cholecystectomy. J. Hausel, Sweden
- **Abstract N° 189-O** - Nutricia preop, a carbohydrate rich clear fluid, reduces ischemia-reperfusion induced damage to the intestinal wall. M. Van Middelaar-Voskuilen, Netherlands
- **Abstract N° 348-O** - Association of undernutrition with mortality, re-admission and length of stay in a group of 6'242 patients. B. González, Spain
- **Abstract N° 121-O** - Sodium deficiency during enteral nutrition for critically ill patients. M. Goto, Japan
- **Abstract N° 378-O** - Nutritional supplementation with a n-3 fatty acids, oleic acid and folic acid enriched milk: beneficial effects on lipid profile in free-living peripheral vascular disease patients. J. Carrero, Spain
- **Abstract N° 188-O** - Impact of Infliximab on weight regulation and lipid metabolism: immuno-neutralization of TNF alpha induces leptinemia in Crohn's disease. A. Van Gossum, Belgium
- **Abstract N° 284-O** - Recombinant human growth hormone effectively treats aids wasting in haart patients. E. Svanberg, Switzerland

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Sunday, September 21st, 2003

15.30-16.00 Coffee/Tea break

## 16.00-17.30 Debussy Theatre

**Track: Protein wasting in chronic disease**

*Supported by a grant from Novartis Medical Nutrition*

**Part II: Counter measures to chronic wasting**

Chair:

**N. E. P. Deutz, Netherlands**

Co-Chair:

**E. Volpi, USA**

- Exercise treatment

**G. Biolo, Italy**

*The following Original Communications will also be included as short oral presentations:*

- **Abstract N° 093-O** – Amino acid stimulation of initiation in translation of skeletal muscle protein biosynthesis

*B.-M. Iresjö, Sweden*

- **Abstract N° 094-O** – Measurement of amino acid appearance and disappearance

*V. Nehra, USA*

- Insulin as an anti-inflammatory treatment in wasting
- Pharmacological and nutritional treatment

**G. Paolisso, Italy**

**R. R. Wolfe, USA**

## Room Esterel

**Dietitian's symposium: Nutrition throughout the woman life cycle**

Chair:

**M. E. Assis Camilo, Portugal**

Co-Chair:

**C. Jonkers, Netherlands**

- Nutrition and the menopause
- An update in the nutritional management of gestational diabetes
- Prevention in osteoporosis: a pediatric approach

**G. Bussell, United Kingdom**

**G. Frost, United Kingdom**

**G. Rozen, Israel**

## Auditorium A

**Clinical Practice: Nurse Session**

**Case study: Home parenteral nutrition in children**

Chair:

**O. Goulet, France**

Co-Chair:

**A. Odlund Olin, Sweden**

- 300 children on HPN
- Quality of life in children on HPN
- Nursing aspects

**V. Colomb, France**

**D. Guimber, France**

**G. I. Lazonby, United Kingdom**

## 16.00-17.30 Auditorium K

**Pharmacist session**

**Amino Acids**

Chair:

**R. Radziwill, Germany**

Co-Chair:

**T. Gruenewald, Israel**

- Immuno nutrition
- Evolution of different amino acids solutions: present and future concepts
- Branched chain amino acids in hepatic encephalopathy: a critical analysis

**P. Stehle, Germany**

**R. Lourenco, Portugal**

**B. Als-Nielsen, Denmark**

*The following Original Communications will also be included as short oral presentations:*

- **Abstract N° 190-O** – Absorption of enterally administered *n*-acetyl-glutamine versus glutamine (GLN) in pigs

*A. Arnaud, Spain*

- **Abstract N° 059-O** – Hepatic indicators of inflammation following the infusion of pharmaceutically unstable all-in-one mixtures (AIO) in rats

*D. Driscoll, USA*

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Sunday, September 21st, 2003

## 17.30-19.00 Debussy Theatre

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### Satellite Symposium Novartis Medical Nutrition Nutrition and Oncology: A fascinating challenge

Chair:

Co-Chair:

- Welcome
- Introduction: Socioeconomic impact of cancer
- Pathophysiology of malnutrition and cachexia in the oncology patient
- Early nutritional intervention
- The role of special nutritional support in cancer patients
- Omega 3 fatty acids
- Algorithm of decision

C. Pichard, Switzerland

M. Gassull, Spain

C. Pichard, Switzerland

C. Pichard, Switzerland

J. M. Argilès, Spain

P. Dechelotte, France

R. Wolfe, USA

M. Tisdale, United Kingdom

C. Gómez Candela, Spain

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## Auditorium K

### Satellite symposium Dade Behring

#### Malnutrition – Impact of Diagnosis on Management

Chair:

- Programme National Nutritionnel Santé (PNNS) – an example of Nutritional Management strategy in a European Country
- Specific plasma protein levels in ICU patients: markers of nutritional status or prognostic markers of morbidity and mortality ?
- Application to clinical practice - Geriatrics

L. Cynober, France

J.-C. Melchior, France

L. Cynober, France

D. Devoto, Italy

# PROGRAMME DAY BY DAY

Monday, September 22nd, 2003

## 08.00-09.30 Debussy Theatre

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### Track 1: Insulin resistance

*Supported by a grant from Abbott*

Session I – Is insulin resistance the cause of obesity?

Chair:

**R. Meier, Switzerland**

Co-Chair:

**N. Barak, Israel**

- The adipocyte and insulin resistance

**E. Karnieli, Israel**

*The following Original Communication will also be included as short oral presentation:*

- **Abstract N° 050-O** – Lactulose inhibits lipolysis in obese subjects
- The bariatric surgery and glucose metabolism
- Obesity: cause or effect?

*H. Piloquet, France*

**S. A. Shikora, USA**

**S. Klein, USA**

## Room Esterel

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### Nutritional guidelines. ESPEN and other societies:

*Supported by a grant from Baxter*

Chair:

**M. Plauth, Germany**

Co-Chair:

**C. Pichard, Switzerland**

Nutritional guidelines presentation:

- ESICM: Enteral feeding in intensive care
- German Society of Parenteral and Enteral Nutrition: Recommendations for enteral nutrition except ICU
- Israel Society for Clinical Nutrition: Indications for PEG utilisation
- ESPGHAN: TPN in children: preliminary report

**X. Leverve, France**

**H. Lochs, Germany**

**Y. Niv, Israel**

**B. Koletzko, Germany**

## Auditorium A

### Artificial nutrition and the liver

Chair:

**B. Jeppsson, Sweden**

Co-Chair:

**M. Rubin, Israel**

- TPN-induced liver disease

**A. Buchman, USA**

*The following Original Communication will also be included as short oral presentation:*

- **Abstract N° 051-O** – Metabolic profile of obese patients with non-alcoholic steatohepatitis (NASH)
- Glutamine and branched chain amino acid metabolism
- Translocation during IBD

*R. Al-Jaouni, France*

**M. Holecek, Czech Republic**

**M. Gassull, Spain**

*The following Original Communication will also be included as short oral presentation:*

- **Abstract N° 191-O** – Effect of L-valine-supplemented total parenteral nutrition on the rat small intestine after 5-fluorouracil-induced enteritis

*K. Murakami, Japan*

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## Auditorium K

### Oral presentation II (clinical and basic science)

Chair:

R. Reifen, Israel

Co-Chair:

F. Hammarqvist, Sweden

- **Abstract N° 256-O** - Deleterious consequences of long term-parenteral nutrition on arterial function in children. V. Colomb, France
- **Abstract N° 349-O** - Survival analysis in patients affected by chronic neurological disorders in home enteral nutrition (HEN) R. Galletti, Italy
- **Abstract N° 285-O** - Heparin complication in parenteral nutrition via intravenous port system. E. Shang, Germany
- **Abstract N° 196-O** - Dietary intake and energy expenditure in patients with liver cirrhosis. L. Plank, New Zealand
- **Abstract N° 197-O** - The role of Kupffer cells after major liver surgery. H. Prins, Netherlands
- **Abstract N° 123-O** - Modulation of human PMN oxydative response: age and carotenoid status effects. M. Farges, France
- **Abstract N° 141-O** - High-fat enteral nutrition decreases TNF-alpha and preserves gut barrier function in rats after hemorrhagic shock. M. Luyer, Netherlands
- **Abstract N° 062-O** - Enrichment with docosahexaenoic acid increases the sensitivity of HL-60 cells to arsenic trioxide: relation to oxidative stress. S. Sturlan, Austria
- **Abstract N° 379-O** - In vivo measurement of dietary fiber fermentation using methane determination in expired breath. Z. Zadak, Czech Republic

## 09.30-11.00 Debussy Theatre

### Track 2: Insulin resistance

Supported by a grant from Fresenius Kabi

Session II: Insulin resistance in intensive care

Chair:

S. Allison, United Kingdom

Co-Chair:

M. Hiesmayr, Austria

G. Van den Berghe, Belgium

- The optimal glucose level

The following Original Communication will also be included as short oral presentation:

- **Abstract N° 095-O** – Physiological hyperinsulinemia and hyperaminoacidemia stimulate mitochondrial protein synthesis in healthy elderly men. C. Guillet, France
- Glycemia and reactive oxidative species X. Leverve, France
- Post operative insulin resistance O. Ljungqvist, Sweden

The following Original Communication will also be included as short oral presentation:

- **Abstract N° 052-O** – Whole body proteolysis is less responsive to insulin action in elderly subjects independently of glucose tolerance C. Guillet, France

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Monday, September 22nd, 2003

## 09.30-11.00 Room Esterel

### On nutrition and haematology: consumption and coagulation

Chair:

Z. Zadak, Czech Republic

Co-Chair:

R. Suojaranta-Ylinen, Finland

- Nutrition and Anemia
- Nutrition and Coagulopathy

M. Leon-Sanz, Spain

D. Varon, Israel

The following Original Communication will also be included as short oral presentation:

- **Abstract N° 060-O** – Fibrinogen synthesis in lean and obese women: basal values and response to weight reduction  
B. Mittendorfer, USA

- Leukocytes and Nutrition

A. Shenkin, United Kingdom

The following Original Communication will also be included as short oral presentation:

- **Abstract N° 143-O** – A significant inter-individual variability in human circadian clock gene expression in peripheral blood lymphocytes  
M. Yano, Japan

### Auditorium A

#### Very long chain fatty acids - the new era of nutrition

Chair:

R. Grimble, United Kingdom

Co-Chair:

S. Yehuda, Israel

- Tissue targeting pathways of lipid emulsions

Y. Carpentier, Belgium

The following Original Communications will also be included as short oral presentations:

- **Abstract N° 192-O** – Significance of administration of fat emulsion: hepatic changes in infant rats receiving total parenteral nutrition with and without fat  
M. Oshita, Japan
- **Abstract N° 061-O** – Effects of n-3 PUFAs on metabolic, inflammatory and systemic responses to single lps-injection in healthy volunteers  
B. Michaeli, Switzerland
- Pros' and Cons' of LC PUFA in premature and normal infant feeding  
B. Koletzko, Germany
- Transport and tissue delivery of omega-3 fatty acids  
R. Deckelbaum, USA

### Auditorium K

#### Nutrition and the kidney

*Supported by a grant from Nutricia*

Chair:

P. Soeters, Netherlands

Co-Chair:

L. Harsanyi, Hungary

- Malnutrition in haemodialysis

N. Cano, France

The following Original Communications will also be included as short oral presentations:

- **Abstract N° 124-O** – Parenteral vitamin C application during ongoing haemodialysis (HD).  
J. M. Roob, Austria
- **Abstract N° 144-O** – Interleukin-10 genotype and gene expression affect the severity of inflammatory state in haemodialysis patients  
A. Bosutti, Italy
- Kidney transplantation  
M. Plauth, Germany
- Sodium in Health and Disease  
S. Allison, United Kingdom

# PROGRAMME DAY BY DAY

Monday, September 22nd, 2003

11.00-11.30 **Coffee/Tea break**

## Debussy Theatre

### 11.30-12.15 Cuthbertson lecture

Chair:

**P. Singer, Israel**

Co-Chair:

**M. E. Assis Camilo, Portugal**

- The ubiquitin proteolytic system: From the test tube, through pathogenesis of human diseases and onto drug development

**A. Ciechanover, Israel**

### 12.15-13.15 Research fellowship award and symposium

Chair:

**N.E.P Deutz, Netherlands**

Co-Chair:

**Z. Gimmon, Israel**

- Effects of physical inactivity on glutamine metabolism
- In vivo measurements of protein degradation in human skeletal muscle

**M. Stulle, Italy**

**R. Farrah, Sweden**

13.15 – 13.45 **Lunch**

13.45 – 14.15 **Poster Viewing**

14.15 – 15.30 **Guided poster session**

## 15.30-17.00 Debussy Theatre

### Track 3: Insulin resistance

#### Session III: Exercise and insulin resistance

Chair:

**G. Biolo, Italy**

Co-Chair:

**J. Attal Singer, Israel**

- Exercise, insulin and fatty acid uptake in the muscle

**J. F. C. Glatz, Netherlands**

*The following Original Communication will also be included as short oral presentation:*

- **Abstract N° 053-O** – Muscle fatty acid oxidative capacity is not altered by age but by physical inactivity. association with insulin sensitivity. *B. Morio-Liondore, France*
- Substrate utilization during exercise **R. R. Wolfe, USA**
- The metabolic effects of exercise **J. Poortmans, Belgium**

*The following Original Communication will also be included as short oral presentation:*

- **Abstract N° 054-O** – Restricted fatty acid mobilization from adipose tissue during exercise in type 2 diabetes mellitus *L. Simonsen, Denmark*

## Room EstereI

### Nutrition and Palliative Care

*Supported by a grant from Novartis Medical Nutrition*

Chair:

**R. Chiolero, Switzerland**

Co-chair:

**A. Odlund Olin, Sweden**

- Nutritional Management
- The terminally ill patient: Cancer, CVA, neuropsychiatric disorders

**L. Kent Smith, Portugal**

**T. Tas, Netherlands**

*The following Original Communication will also be included as short oral presentation:*

- **Abstract N° 226-O** – Does caffeine block the favourable effects of adenosine 5'-triphosphate (ATP) *P. C. Dagnelie, The Netherlands*

# PROGRAMME DAY BY DAY

## Monday, September 22nd, 2003

on the nutritional status of cancer patients?

- Ethical issues: refusal to eat in the elderly

E. L. Marcus, Israel

### 15.30-17.00 Auditorium A

#### ESPEN / ASPEN: Outcome of nutritional support in:

Chair:

D. August, USA

Co-chair:

A. Shenkin, United Kingdom

- Geriatrics
- Obesity
- Cancer

Y. Berner, Israel

S. A. Shikora, USA

D. August, USA

The following Original Communications will also be included as short oral presentations:

- **Abstract N° 286-O** – Improved outcomes with nutrition support in ambulatory oncology patients receiving radiotherapy E. A. Isenring, Australia
- **Abstract N° 287-O** – Effects of an enhanced recovery program after colorectal resection on physiological function J. Nygren, Sweden

### Auditorium K

#### Oral presentation III (basic science)

Chair:

S. Schwartz, Spain

Co-chair:

R. Shamir, Israel

- **Abstract N° 096-O** - Insulin stimulates fractional synthesis rate of mixed leukocyte proteins in adult and aged healthy humans. S. Walrand, France
- **Abstract N° 097-O** - Glutamine inhibits I $\kappa$ B-induced *pla2* activation and protects against endotoxin shock in the mouse. B. H. Cho, South Korea
- **Abstract N° 098-O** - Low plasma arginine concentration in septic patients is related to diminished *de novo* arginine production from Citrulline. Y. Luiking, Netherlands
- **Abstract N° 099-O** - Whole body protein synthesis and breakdown are unchanged after major hepatectomy for malignancies in man. M. Van De Poll, Netherlands
- **Abstract N° 142-O** - Increased circulating B and T lymphocyte in burn patients given enteral glutamine supplement. D. Garrel, Canada
- **Abstract N° 193-O** - Oral feeding maintenance after intestinal resection: adaptive response to insert remnant jejunum in colon. G. Cornejo, Mexico
- **Abstract N° 194-O** - The effect of cyclic and continue parenteral nutrition on liver in a rabbit model; a comparative ultrastructural study. I. Kiristioglu, Turkey
- **Abstract N° 195-O** - Comparative study on cyclic and continue parenteral nutrition administration: intestinal permeability and bacterial translocation. I. Kiristioglu, Turkey
- **Abstract N° 128-O** - High selenium diet protects against inflammatory bowel disease and restores mitochondrial colonic tissue function. O. Tirosh, Israel

# PROGRAMME DAY BY DAY

Monday, September 22nd, 2003

**17.00-18.00 Auditorium A**

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**ESPEN General assembly** *(Reserved for ESPEN members)*

**18.00-18.40 Auditorium A**

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**ESPEN Extraordinary assembly** *(Reserved for ESPEN members)*

# PROGRAMME DAY BY DAY

Tuesday, September 23rd, 2003

## 08.00-09.30 Debussy Theatre

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### Nutrient Gene Interaction

Chair:

**R. Grimble, United Kingdom**

Co-Chair:

**L. Pironi, Italy**

- Nutrient effect on gene expression
- Fatty acids and gene expression
- Lipids and cytokine gene interaction during inflammation

**Y. Bar-Tana, Israel**

**R. Deckelbaum, USA**

**R. Grimble, United Kingdom**

*The following Original Communications will also be included as short oral presentations:*

- **Abstract N° 146-O** – Rat linoleyl co-a desaturase mrna transcripts: nutritional regulation. *V. Puerta, Spain*
- **Abstract N° 145-O** – Gene: Gene interactions influence the outcome in elderly patients *R. F. Grimble, United Kingdom*

### Room Esterel

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### Vitamins and hormones

Chair:

**G. Van den Berghe, Belgium**

Co-Chair:

**A. Shenkin, United Kingdom**

- Growth hormones
- Vitamin A: beyond vision

**K. W. Jauch, Germany**

**R. Reifen, Israel**

*The following Original Communications will also be included as short oral presentations:*

- **Abstract N° 122-O** – Effects of vitamin E depletion/repletion on vitamin E status and oxidative stress in healthy volunteers. *B. M. Winklhofer-Roob, Austria*
- **Abstract N° 126-O** – Food intake and micronutrient status in patients with Crohn's disease *J. Filippi, France*
- Free Fatty Acids: Good or bad? **H. Sauerwein, Netherlands**

### Auditorium A

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### Mediterranean diet

Chair:

**Y. Carpentier, Belgium**

Co-Chair:

**I. Grintescu, Romania**

- Olive oil and alpha linolenic acid
- Mediterranean dietary antioxidants inhibit atherosclerosis progression: the Pomegranate example

**E. Berry, Israel**

**M. Aviram, Israel**

*The following Original Communications will also be included as short oral presentations:*

- **Abstract N° 380-O** – Regulation of alpha-tocopherol enrichment in LDL *M. Hacquebard, Belgium*
- **Abstract N° 288-O** – Effect of enterally administered n-3 polyunsaturated fatty acids on inflammation, antioxidants and outcome in acute pancreatitis *N. Lasztity, Hungary*
- Fish oil or vegetable oil ? **Z. Zadak, Czech Republic**

# PROGRAMME DAY BY DAY

Tuesday, September 23rd, 2003

## 08.00-09.30 Auditorium K

### ESPEN/ESPGHAN symposium

Chair:

**B. Koletzko, Germany**

Co-Chair:

**R. Shamir, Israel**

- Breast milk feeding: its impact on future health

**B. Koletzko, Germany**

*The following Original Communication will also be included as short oral presentation:*

- **Abstract N° 125-O** – Selenium concentrations in maternal and umbilical cord blood at 24-42 weeks of gestation: basis for optimization of selenium supplementation to premature infants **R. Shamir, Israel**
- Infant formula: the quest for optimal components and composition **O. Hernell, Sweden**
- Biotics in infants and children **D. Morison, United Kingdom**

*The following Original Communication will also be included as short oral presentation:*

- **Abstract N° 257-O** – Infant formula supplemented with probiotics reduces gastrointestinal infections' rate in day care infants **Z. Weizman, Israel**

## 09.30-11.00 Debussy Theatre

### Nutritional modulation of intestinal physiology

Chair:

**A. Van Gossum, Belgium**

Co-Chair:

**X. Hebuterne, France**

- Oral insulin as an intestinal growth factor
- Glutamine and ischemia-reperfusion

**R. Shamir, Israel**

**A. Coker, Turkey**

*The following Original Communications will also be included as short oral presentations:*

- **Abstract N° 198-O** – Early nutritional administration after severe gut ischemia-reperfusion reduces survival **K. Fukatsu, Japan**
- **Abstract N° 199-O** – Evaluation of intestinal mediators of energy homeostasis in a human model **A. Omar, Germany**
- Dietary fat in intestinal diseases **M. Cravo, Portugal**

## Room Esterel

### Metabolic efficiency in health and disease

*Supported by a grant from Datex Ohmeda*

Chair:

**E. Berry, Israel**

Co-Chair:

**E. Roth, Austria**

- Cellular aspects
- Exercise aspects

**X. Leverve, France**

**P. Marques Vidal, Portugal**

*The following Original Communication will also be included as short oral presentation:*

- **Abstract N° 055-O** – Postprandial hyperlipidemia: effect of acute exercise **L. H. Enevoldsen, Denmark**

Interventional aspects in catabolic states

**R. Chiolero, Switzerland**

# PROGRAMME DAY BY DAY

## 09.30-11.00 Auditorium A

### Functional food: from concept to market place

Chair:

M. Gassull, Spain

Co-Chair:

D. Waizberg, Brazil

- Enhancing vitamins in plant foods by genetic engineering
- New vehicles for food absorption

Y. Hirshberg, Israel

N. Garti, Israel

The following Original Communications will also be included as short oral presentations:

- **Abstract N° 056-O** – The impact of slow release starch containing enteral nutrition on blood glucose/insulin responses in type 2 diabetic patients - randomized, controlled, multi-centre clinical study H. Wang, China
- **Abstract N° 127-O** – Effects of dietary carotenoid depletion and repletion on lymphocyte proliferation during aging R. Minet-Quinard, France
- The place of functional food in gastroenterology H. Lochs, Germany

## Auditorium K

### Nutrition and bone health through life span

Chair:

P. Stehle, Germany

G. Rozen, Israel

- Nutrition, growth and bone strength
- Bone muscle unit concept

Z. Zadik, Israel

E. Schoenau, Germany

The following Original Communications will also be included as short oral presentations:

- **Abstract N° 001-O** – Pathogenesis of osteopenia in anorexia nervosa: a multivariate analysis L. Di Pascoli, Italy
- **Abstract N° 289-O** – Skeletal fluorosis: an unusual metabolic bone complication in HPN patients J. M. Reimund, France
- Promoting bone health through exercise in the elderly S.M. Schneider, France

## 11.00-11.30 Coffee/Tea break

## Debussy Theatre

### 11.30-12.15 Arvid Wretling ESPEN 25<sup>th</sup> anniversary lecture:

Chair:

C. Pichard, Switzerland

Co-Chair:

Z. Gimmon, Israel

- The history of nutritional support in the last 25 years

E. Vinnars, Sweden

### 12.15-13.15 Research fellows' symposium II

Chair:

N.E.P. Deutz, The Netherlands

Co-Chair:

Y. Levy, Israel

- Does glutamine modulate cytokine production by human gut mucosa?
- Hepatic, muscular and intestinal glutathione synthesis in cachectic cancer patients
- Proteome analysis of the influence of glutamine starvation on monocytic cells

M. Coëffier, France

M. van der Poll, Netherlands

M. Eliassen, Austria

# PROGRAMME DAY BY DAY

Tuesday, September 23rd, 2003

13.15 – 13.45 Lunch

13.45 – 14.15 Poster Viewing

14.15 – 15.30 Guided poster session

15.30-17.00 Debussy Theatre

## Microbial flora and the gut

*Supported by a grant from Nestlé*

Chair:

R. Meier, Switzerland

Co-Chair:

H. Lochs, Germany

- Metabolic effect of dietary fibers and nutraceuticals Z. Madar, Israel
- Micro-flora of the gut in the elderly X. Hebuterne, France
- Therapeutic aspects of pro biotics: is there a role for pro biotics in gastrointestinal diseases? B. Jeppsson, Sweden

*The following Original Communications will also be included as short oral presentations:*

- **Abstract N° 200-O** – Probiotic supplementation reduces *F. Gun*, Turkey  
*bacterial translocation in thermal injury*
- **Abstract N° 290-O** – Decreased mortality and *D. R. Garrel*, Canada  
*infectious morbidity in adult burn patients with enteral  
glutamine supplements*

15.30-17.00 Room Esterel

## Key papers in the field of clinical nutrition (2002-2003)

Chair:

O. Ljungqvist, Sweden

Co-Chair:

M. Gassull, Spain

- Basic science N. Vaisman, Israel
- Clinical practice:
  - Pharmacist R. Radziwill, Germany
  - Nurse literature T. Tas, Netherlands
  - Dietetics P. Howard, United Kingdom

## Auditorium A

### Insights from Tracer Studies in metabolic research

Chair:

O. Rooyackers, Sweden

- NO synthesis in the critically ill N.E.P. Deutz, Netherlands
- Perinatal Fatty Acid Metabolism B. Koletzko, Germany
- Glucose metabolism in premature infants A. van Kemper, Netherlands

## Auditorium K

### ESPEN / FELANPE symposium

Short bowel syndrome

Chair:

P. Fürst, Germany

Co-Chair:

M. Perman, Argentina

- Nutritional support D. Waizberg, Brazil
- Surgical approach M. E. Ferreyra, Peru
- Hormonal therapy P. B. Jeppesen, Denmark

17.00 Debussy Theatre

Closing Ceremony