



SEPTEMBER 8-10, 2013

7TH PROBIOTICS & PREBIOTICS
new foods



ROME, UNIVERSITÀ URBANIANA

PRELIMINARY PROGRAMME



7TH PROBIOTICS & PREBIOTICS *new foods*

SCIENTIFIC ORGANISERS

L. Capurso (Italy)

L. Morelli (Italy)

G. Delle Fave (Italy)

PEDIATRIC DAY

A. Guarino (Italy)

UNDER THE PATRONAGE OF

SIGE - Società Italiana di Gastroenterologia



Italian Academy for the Study of Intestinal Microbiota



Nutrition Foundation of Italy



THE PEDIATRIC DAY IS UNDER THE PATRONAGE OF

ESPGHAN - European Society for Paediatric Gastroenterology, Hepatology and Nutrition



INDEX

Sunday, September 8

Aula Magna	p.	6
Aula C	p.	6

Monday, September 9

Aula Magna	p.	7
Aula C	p.	9

Tuesday, September 10

Aula Magna	p.	11
Aula C	p.	12

General Information	p.	14
---------------------	----	----

AULA C

9.00 a.m.-1.00 p.m. **JOINT MEETING: PROBIOTIC STUDY GROUP OF SIGE (ITALIAN SOCIETY OF GASTROENTEROLOGY) AND MEDITERRANEAN TASK FORCE FOR CANCER CONTROL**

AULA MAGNA

2.00-3.00 p.m. **OPENING CEREMONY**

L. Capurso (Italy)

L. Morelli (Italy)

R. Marabelli (Italy)

B. Burlingame - FAO (Italy)

D. Conte - SIGE (Italy)

3.00-6.00 p.m. **SESSION 1 - MICROBIOME, PROBIOTICS, NUTRACEUTICALS AND SKIN**

Chairpeople: D. Conte (Italy), D. Del Rio (Italy)

Skin microbiome

L. Morelli (Italy)

Gut skin axis

R. Paus (Germany)

Skin microbiome and skin disease: the example of rosacea

M. Picardo (Italy)

Probiotics and allergy

L. Drago (Italy)

Nutraceutical and acne

E. Camera (Italy)

Nutraceuticals and ageing

F. Giampieri (Italy)

Nutraceuticals and photoageing

L. Korkina (Italy)

Closing remarks

D. Del Rio (Italy)

6.00-7.00 p.m. **FREE COMMUNICATIONS**

8.30-9.00 a.m.**OPENING LECTURE**

Microbes inside: function of mucosa - interacting bacteria
W.M. de Vos (The Netherlands)

9.00-10.30 a.m.**SESSION 2 - MICROBIOTA AND HEALTH**

Chairpeople: *G. Delle Fave (Italy), L. Morelli (Italy)*

From basic to applied research: lessons from the human microbiome projects
F. Guarner (Spain)

From basic to applied research: perspectives from gut microbiota studies for pharma or food applications
J. Doré (France)

Microbes and immune regulation
G. Rook (United Kingdom)

10.30 a.m.-1.30 p.m.**SESSION 3 - NEW FOODS**

Chairpeople: *N. Caporaso (Italy), V. Fogliano (Italy)*

Food properties affecting satiety
M. Porrini (Italy)

How food aroma modulate satiation
P. Luning (The Netherlands)

Whole grain and weight management
F. Thielecke (Switzerland)

Food and modulation of gut peptides
P. Vitaglione (Italy)

Coffee and liver
F. Morisco (Italy)

Excess in food intake and genetic susceptibility to cancer
S. Romeo (Sweden)

New foods for CRC prevention
L. Ricciardiello (Italy)

Incorporating stevia into your product reformulation through

- Understanding the science of sugar and sweeteners
 - Analysing consumers' preferences
 - Finding the right balance between sugar/caloric reduction and product acceptability
- D. Machiels (Belgium)*

1.30-2.30 p.m.**LUNCH**

2.30-3.30 p.m.**SESSION 4 - NEWS IN PEDIATRIC CHRONIC INFLAMMATION***Chair: E. Isolauri (Finland)*

Interactions between intestinal microbiota and epithelium
in pediatric inflammatory bowel disease
L. Stronati (Italy)

Intestinal microbioma signature of pediatric patients with chronic gut disorders
S. Cucchiara (Italy)

Probiotics and asthma
M. Miraglia del Giudice (Italy)

3.30-5.00 p.m.**SESSION 5 - MICROBIOTA AND IBD***Chairpeople: R. Caprilli (Italy), F. Pallone (Italy)*

Microflora and immunity
G. Monteleone (Italy)

Dysbiosis and IBD
S. Vetrano (Italy)

Faecalibacterium prausnitzii
J. Weels (The Netherlands)

Is there a role for Probiotics in IBD?
M. Rescigno (Italy)

Probiotics for IBD
T. Karakan (Turkey)

Peroxisome proliferator-activated receptor gamma in the colon:
inflammation and innate antimicrobial immunity
P. Desreumaux (France)

5.00-6.00 p.m.**SESSION 6 - NO CONVENTIONAL PROBIOTIC***Chair: A. Castellazzi (Italy)*

Bacterial spores as probiotics: mode of action
S. Cutting (United Kingdom)

Phagebiotics: bacteriophages as new class of probiotics for managing gut microflora
A. Sulakvelidze (USA)

Evaluation of *Bacillus Subtilis R0179* in healthy young adults
W.J. Dahl (USA)

PEDIATRIC DAY

9.00-10.30 a.m.

MEASURING THE EFFICACY OF NUTRITIONAL INTERVENTIONS: THE COMMENT INITIATIVE

Chairpeople: A. Guarino (Italy), J.A. Vanderhoof (USA)

The initiative

H. Szajewska (Poland)

Outcome measures in functional disorders

M.M. Tabbers (The Netherlands)

Respiratory infections

A. Lo Vecchio (Italy)

Gastroenteritis

H. Szajewska (Poland)

10.30-11.00 a.m.

LECTURE

Programming of the intestinal immune response through modulation of intestinal microflora

A. Walker (USA)

11.00 a.m.-1.00 p.m.

ROLE OF PROBIOTICS IN SPECIFIC CONDITIONS

Chairpeople: S. Cucchiara (Italy), H. Szajewska (Poland)

New probiotics for pediatric IBD

A. Staiano (Italy)

New probiotics for pediatric IBS

Z. Weizman (Israel)

Changes in microflora composition and inflammation in cystic fibrosis

E. Bruzzese (Italy)

Indications to probiotic therapy in children receiving antibiotics

Y. Vandenplas (Belgium)

The new ESPGHAN guidelines for European children with gastroenteritis

A. Guarino (Italy)

1.00-2.30 p.m.

LUNCH

2.30-4.00 p.m.

FUNCTIONAL EFFECTS OF NUTRITION AT DIFFERENT AGES

Chairpeople: M. De Curtis (Italy), Z. Weizman (Israel)

Effects of mother's microflora on immunological programming on the child and risk of atopy: an epigenetic paradigm

E. Isolauri (Finland)

Nutritional interventions in neonates

P. Manzoni (Italy)

Tolerance acquisition in early infancy: role of intestinal microflora
R. Berni Canani (Italy)

The gut-liver axis and intestinal microflora
P. Vajro (Italy)

Functional effects of early nutritional interventions on later performance
J.A. Vanderhoof (USA)

4.00-5.00 p.m.

DEBATE: INDICATIONS TO PROBIOTICS FOR PREVENTION OF NECROTIZING ENTEROCOLITIS

Chairpeople: P. Manzoni (Italy), R. Berni Canani (Italy)

F. Indrio (Italy), M.A. Rojas (USA), G. Terrin (Italy)

5.00-6.00 p.m.

POSTER SESSION

R. Berni Canani (Italy), A. Diamanti (Italy)

8.30-9.30 a.m.**LECTURES**Chair: P. Aureli (*Italy*)Immunomodulatory effects of probiotics
*E. Mengheri (Italy)*Distinct immunomodulatory properties of *Lactobacillus paracasei* strains
*M. Rossi (Italy)***9.30-11.00 a.m.****SESSION 7 - MICROBIOTA AND AGEING**Chair: P. Brigidi (*Italy*)Gut microbiota, host gene expression and ageing
*P. Patrignani (Italy)*Metagenomics in ageing
*C. Franceschi (Italy)*Diet and microbiota in elderly
*P. O'Toole (Ireland)*Metabolomics in elderly
*F. P. Martin (Switzerland)***11.00-12.00 a.m.****SESSION 8 - MICROBIOTA HOST METABOLIC INTERACTION**Chairpeople: E. Mengheri (*Italy*), I. Rowland (*United Kingdom*)Prebiotics vs fibers: a review of available effects
*K. Tuohy (Italy)*Microbiota and probiotics in obesity: a NMR-based metabolomic approach
*R. Calvani (Italy)*Microbiota-phytochemical interactions
*I. Rowland (United Kingdom)***12.00 a.m.-1.00 p.m.****SESSION 9 - MICROBIOTA AND IBS (GUT-BRAIN AXIS)**Chair: M. Koch (*Italy*)Gut barrier in health and diseases
*A. Gasbarrini (Italy)*Long term consequences of a gut barrier damage
*V. Stanghellini (Italy)*Mucosal permeability in IBS
G. Barbara (Italy)

8.00-9.30 a.m.

FREE COMMUNICATIONS

9.30-11.00 a.m.

SESSION 10 - BOTANICAL NUTRITIONAL FOOD: HOW AND WHY

Chairpeople: A. Ghiselli (Italy), M. Serafini (Italy)

European legislation
V. Silano (Italy)

Italian legislation
B. Scarpa (Italy)

Tradition of use: the main question
M. Serafini (Italy)

Quality control: the scientific approach
C. Bicchi (Italy)

11.00-12.30 a.m.

SESSION 11 - VAGINAL MICROBIOTA AND PROBIOTICS IN GYNAECOLOGY

Chair: R. Della Loggia (Italy)

Probiotics in recurrent urinary tract infections in women
R. Della Loggia (Italy)

Treatment of vaginal ecosystem disorders with lactobacilli and bovine lactoferrin
A. Cianci (Italy)

Vaginal environment and microbiota
S. Lello (Italy)

GENERAL INFORMATION

GENERAL INFORMATION

DATES

September 8 - 10, 2013

VENUE

Università Urbaniana - Terminal Gianicolo Via Urbano VIII, 16
00165 Rome, Italy
Phone +39 06/69889611
Fax +39 06/69881871
www.urbaniana.edu

LANGUAGE

English will be the official language of the Meeting.

CLOTHING

Informal for all occasions.

CLIMATE

September in Rome is still hot but unpredictable.

BADGES

All participants, accompanying persons and exhibitors are kindly requested to wear their badges throughout the Meeting area in order to be admitted to the scientific sessions and to all the activities of the Meeting.

REGISTRATION FEES (21% VAT included)

Participants	€ 600,00
Under 35*	€ 150,00
Accompanying Persons	€ 290,00
Pediatric Day**	€ 240,00
Under 35 and ESPGHAN member for Pediatric Day	€ 100,00
Daily Registration	€ 240,00
Members Gruppo Miaf-Federchimica	€ 300,00
Gala dinner	€ 150,00

* The applicant's registration form must be accompanied by a copy of an official document. ** If you are not registered to the Meeting.

Registration fee includes:

Participants:

- Admission to scientific sessions, and technical exhibition
- Final programme
- Selected proceedings and abstract
- Coffee corner and lunch
- Opening ceremony and welcome cocktail
- Certificate of attendance
- Italian CME certificate (to whom entitled)

Accompanying Persons:

- Opening ceremony and welcome cocktail
- Two half day tours (on request)

Cancellation Policy:

- Written cancellation must be sent to the Organising Secretariat.
- 50% of the total amount will be refunded for cancellations received within July 30, 2013, bank expenses excluded. No refunds will be made after this date. Refunds will be made after the Meeting has been concluded.

Participants are kindly requested to wear their badges during all congress activities and social events: No badge, no entry.

ITALIAN CME ACCREDITATION

ECM (Italian CME certificate)

e meeting&consulting in qualità di Provider ha accreditato:

- **7th Probiotics, Prebiotics & New Foods” per le seguenti categorie:**

Medico Chirurgo - discipline: Gastroenterologia; Pediatria; Pediatria (Pediatri di Libera Scelta); Ginecologia e Ostetricia; Microbiologia e Virologia; Medicina Generale (Medici di Famiglia).

Infermiere.

Rif. n. 64360

- **Pediatric Day per le seguenti categorie:**

Medico Chirurgo - discipline: Gastroenterologia; Pediatria; Pediatria (Pediatri di Libera Scelta).

Rif. n. 64742

REGISTRATION & ACCOMMODATION

All participants must submit a completed registration form.

Hotel accommodation at special Meeting rates will be offered to participants.

Detailed information, as well as access to the registration and accommodation form, are available at the website: www.probiotics-prebiotics-newfood.org please follow the instructions.

BANKING AND EXCHANGE

The Italian monetary system is the Euro. Foreign currency may be exchanged at banks during normal banking hours, at hotels, at airports and in exchange offices. All major credit cards are accepted in most hotels, restaurants and shops.

LIABILITY AND INSURANCE

The Organising Secretariat cannot accept liability for personal injuries or for loss of, or damage to, property belonging to meeting participants (or their accompanying persons), either during or as a result of the meeting. Please check the validity of your own insurance.

VISA REQUIREMENTS

All visitors entering Italy must be in possession of a valid passport. For European Community citizens an Identity Card is sufficient. Participants should check the Italian Embassy or Consulate in their country regarding visa and health certificate requirements.

OFFICIAL LETTER OF INVITATION

Official letters of invitation designed to help overcome administrative difficulties in certain countries are available on the Meeting website. It must be understood that such letters do not represent a commitment on behalf of the Scientific Organisers or Organising Secretariat to provide any financial assistance.

CERTIFICATE OF ATTENDANCE

The certificate of attendance will be given to all registered participants at the Organising Secretariat desk at the end of the Meeting.

OPTIONAL TOURS

There will be two optional tours of Rome for accompanying persons (to be defined).

CALL FOR ABSTRACT

All participants are invited to submit an abstract on the listed topics for presentation as oral or poster contributions. Abstract may only be submitted via Internet on the website.

FOOD AND BEVERAGES

Business lunch and coffee/tea during breaks (as indicated in the programme) are included in the registration fee.

PARKING

Cars could be parked at terminal Gianicolo. Participants to the Meeting will have a special rate. To obtain it, please contact the organising secretariat desk.

ABOUT ROME

Rome is the capital city of Italy and of the Lazio region, as well as the country's largest and most populous comune, with more than 2.7 million residents. The metropolitan area has a population of about 4 million. It is located in the central-western portion of the Italian peninsula, where the river Aniene joins the Tiber.

The Mayor of Rome is Gianni Alemanno. An enclave of Rome is the State of the Vatican City, the sovereign territory of the Holy See. It is the smallest nation in the world, and the capital of the only religion to have representation in the United Nations (as a non-member observer state).

Rome, Caput mundi ("capital of the world"), la Città Eterna ("the Eternal City"), Limen Apostolorum ("threshold of the Apostles"), la città dei sette colli ("the city of the seven hills") or simply l'Urbe ("the City"), is thoroughly modern and cosmopolitan. As one of the few major European cities that escaped World War II relatively unscathed, central Rome remains essentially Renaissance and Baroque in character. The Historic Centre of Rome is listed by UNESCO as a World Heritage Site.

AIRPORT INFORMATION

Rome can easily be reached by plane and is served by two international airports.

Participants can fly into Rome via Leonardo da Vinci Airport, located in Fiumicino, 34 km from Rome's historic city centre or via Ciampino Airport, situated 15 km southeast of central Rome.

ACCESS TO ROME FROM THE AIRPORTS

• Access from Leonardo da Vinci Airport:

The airport is served by the Leonardo Express train operated by Trenitalia, available at the airport terminal. The trip takes 30 minutes (no stops) to Termini Station in Rome - there are two such connections per hour. Alternatively, local trains leave once every 15 minutes, stopping at all train stations. You may have to change at Trastevere, Ostiense (Metro Piramide) or Tuscolana.

Rental cars are available in the airport terminal from all the usual companies.

• Access from Ciampino Airport:

There is no rail transport at Ciampino Airport. The options are to take a bus to a rail station (either metro or regular train) or to take a bus or taxi all the way.

ALL THE WAY BY ROAD TRANSPORT

Terravision runs a direct bus service to Termini. The price is € 8 c.a. one-way or € 11.00 c.a. return, taking 40 minutes (about 20 services a day). Despite timing buses to connect with flights, passengers on the return trip from Termini are asked to board the bus 2.5 hours before their flight's departure time. The last bus is at 19:20. Terravision also offers buses from Fiumicino airport to Termini, and a transfer bus between the two airports.

Schiaffini also runs direct buses to Termini station for € 3.90 one-way, taking 40 minutes, but with far fewer departures than Terravision (see above). These buses are not mentioned on the airport website but they can be found on Schiaffini's own site. BusShuttle or ATRAL Line runs a service similar to Terravision. Their stop near Termini is about 20 metres up the road from Terravision's. Cost is € 4 for a single.

The fixed fare for a taxi ride to the city centre (inside the Aurelian Walls) is € 30, according to the official agreement between Roman taxi driver associations and Rome municipality. It is advisable to negotiate the total price including luggage supplements before boarding the taxi. Rental cars are available in the airport terminal from all the usual companies.

HOW TO GET TO THE MEETING VENUE

• From Termini Rail Station:

By taxi – We recommend you to only use licensed taxis available outside the station.

Telephone number main taxis companies:

06 - 3570 Radio Taxi
 06 - 5551 Samarcanda
 06 - 4994 La Capitale

By public transport – Arriving from Termini Railways Station – BUS 64 stop at Lgt. Sassia (S.Spirito Hospital) - 350 metres walking

• **From Leonardo da Vinci Airport:**

By taxi – We recommend you to only use licensed taxis available outside the station.

Telephone number main taxis companies:

06 - 3570 Radio Taxi
 06 - 5551 Samarcanda
 06 - 4994 La Capitale

By public transport – Follow the signs for “Station” of Leonardo express.

Take the train for Stazione Termini and get off at the Station. From this station there will be 350 metres walking

• **From Ciampino Airport:**

We advice to take a taxi available outside the airport.

TRANSPORTATION IN THE CITY

Rome has a very efficient transportation system that services the entire city, which includes the Metro network as well as buses, trains and taxis.

EXHIBITION

A professional exhibition will be held currently with the Meeting. For more details, please contact:

MEETING&CONSULTING

Via Michele Mercati, 33
 00197 Rome, Italy
 Phone: +39 06 80693320
 Fax: +39 06 3231136
 E-mail: probiotics2013@emec-roma.com
 Website: www.probiotics-prebiotics-newfood.org

ORGANISING SECRETARIAT

Please do not hesitate to contact the Organising Secretariat if you require any additional information or assistance. Please address all correspondence to:

MEETING&CONSULTING

Via Michele Mercati, 33
 00197 Rome, Italy
 Phone: +39 06 80693320
 Fax: +39 06 3231136
 E-mail: probiotics2013@emec-roma.com
 Website: www.probiotics-prebiotics-newfood.org

