

Patronage over the 3st
International **Congress**



Third International Congress of MAGI Association

**ADVANCES IN DIAGNOSIS AND
TREATMENT OF MULTIFACTOR
GENETIC DISEASES**

26th and 27th September 2008



**Museo di arte moderna e
contemporanea di Trento e
Rovereto**

corso Bettini 43, 38068
Rovereto (TN)



ECM credits are available for medical practitioners, biologists, physiotherapists, nurses and pharmacists.

Registration: Registration is by email (eventi@assomagi.org) and is compulsory. It entitles to free participation at the congress including coffee breaks.

Accommodation: For those requiring accommodation, we suggest contacting ATP Rovereto Tel. 0464/430363 e-mail: info@aprovereto.it.

Introduction

The International Association of Medical Genetics “MAGI” will hold its third international congress on 26th and 27th September 2008. The conference is aimed at researchers, medical practitioners and associations concerned with medical genetics, rehabilitation and motor sciences applied to the care of patients with genetic diseases.

The conference will present research into multifactorial genetic diseases, starting from identification of protective and predisposing genes in geographic and genetic isolates. The conference will also be concerned with the role of motor activity and diet in preventing these diseases.

Highlights of the congress will be the participation of Nobel Laureate Rita Levi-Montalcini, Prof. Luca Cavalli-Sforza from Stanford University (USA) and Prof. Giorgio Brunelli of the ESCRI Foundation in Brescia (Italy).

During the congress, recognition will be awarded to Trentino researchers who have distinguished themselves on the international scientific scene.

In line with the European policy of MAGI, invitations will be extended to experts from different parts of Europe, especially developing countries.

Dear Colleagues and Friends
I look forward to welcoming in Rovereto!
Matteo Bertelli
President
MAGI-onlus

Prizes of participation to the congress

“Prize Salumificio Trentino”



“Prize Cartiere del Garda”



Afternoon Session

14.30-16.00 *Language disorders*

Chairman: Dr. Thomas Scerri

- The genetic basis of dyslexia
Dr. Thomas Scerri, Wellcome Trust Centre for Human Genetics, University of Oxford, UK
- Association of short-term memory with a variant in DYX1C1 in developmental dyslexia
Dr. Cecilia Marino, Scientific Institute 'Eugenio Medea', Bosisio Parini, Italy
- Rehabilitation of children with dyslexia
Dr. Margherita Zerbi, COOP G.M. "Benedetta Bianchi Porro" ONLUS.

16.00-18.00 *Innovative therapies*

Chairman: Prof. Pietro Attilio Tonalì

- Therapy of amyotrophic lateral sclerosis with autologous stem cells
Prof. Letizia Mazzini, "Eastern Piedmont" University of Novara, Novara, Italy.
- Surgical therapy of spinal cord lesions
Prof. Giorgio Brunelli, ESCRI foundation, Brescia Italy
- Living with a spinal cord lesion: "Lo Spirito di Stella"
Dr. Andrea Stella, Associazione "lo Spirito di Stella" Onlus Tiene, Italy

SOCIAL ACTIVITIES

Friday 26th September

21.00-22.30 Gala dinner for speakers and guests (please register separately)

Day 1 Morning Session

9.00-10.00 *Introduction*

- Opening address by the founders of MAGI
- Welcoming address by the local authorities:
Councilor for Health and Social Policy, Rovereto Council, Dr. Giovanni Spagnoli
Director of Rovereto Hospital "S. Maria del Carmine" Dr. Giuliano Mariotti
Vice President of the Trentino Order of Physicians, Dr. Marco Ioppi
Video message a life for science: testimonial of Nobel Laureate, Rita Levi Montalcini

Scientific presentations

10.00-11.30 *Opening lecture*

The genetics of human populations

Prof. Luca Cavalli-Sforza, Genetics Department, Stanford University Medical School, USA

11.30-10.00 *Use of geographic and genetic isolates to identify new disease genes*

Chairman: Prof. Paolo Gasparini

- Study of isolated populations to identify genetic factors conferring susceptibility to multifactor genetic diseases
Prof. Paolo Gasparini, University of Trieste, Italy
- A novel statistical approach to the study of complex trait
Dr. Vittorio Tassi, Casa Sollievo della Sofferenza, San Giovanni Rotondo (FG), Italy
- Epidemiological and statistical study of the Basso Sarca Trentino geographic isolate
Prof. Gabriele Stoppa University of Trento, Italy
- New approaches to the epidemiological study of ME/CSF
Prof. Derek Pheby, Unit of Applied Epidemiology, Senior fellow University of Hull, UK.
- Cellular and molecular study of people living in the Basso Sarca geographic area
Dr. Roberto Luongo, MAGI-onlus, Rovereto (TN), Italy

13.30-14.30 LUNCH

Afternoon Session

14.30-17.30 *Genetic Basis of Multifactor Diseases*

Chairman: Prof. Giovanni Spagnoli

- Hereditary Predisposition to neoplasia and the role of modifier alleles
Dr. Lucio Scopsi, Cancer Genetics Service, Casa di Cura S. Pio X, Milan, Italy
- Progeroid syndromes and normal human aging
Prof. Lucio Comai Institute for Genetic Medicine, University of Southern California, USA
- Genetic and environmental factors linked to osteoporosis
Dr. Giovanni Spagnoli, Orthopedics Dept., Rovereto Hospital, Italy
- Multifactorial pathogenetical models in chronic degenerative lung disease
Dr. Francesco Bonella University of Duisburg-Essen, Essen, Germany

17.00-18.00 *Nutrition*

Chairman: Prof. Angela Andreoli

- Diabetes, genes and diet
Prof. Adria Giacca, Institute of Medical Science, University of Toronto, Canada
- Nutritional habits in a sample of Albanian children
Prof. Angela Andreoli, Institute of Physiology, University of Tor Vergata Rome, Italy
- Genetic background of celiac disease and its clinical implications
Dr. Carlo Polloni Ospedale S. Maria del Carmine Rovereto, Italy
- Buckwheat and maize in the diet of celiac patients
Prof. Cleto Corposanto, Trentino Celiac Association, Italy

Day 2 Morning Session

9.00-10.00 *Introduction*

- Presentation of the convention between MAGI and Siena University
Prof. Vanna Micheli, Universty of Siena, Italy
- Presentation of the convention between MAGI and University NSBC of Tirana
Prof. Natale Capodicasa and Arvin Dibra, N.S.B.C. University Tirana, Albania
- Presentation of the convention between MAGI and Milan University
Prof. Arsenio Veicsteinas, University of Milan, Italy

10.00-13.30 *Exercise and rehabilitation*

Chairman: Prof. Arsenio Veicsteinas

- Genetic and ethnic factors linked to athletic performance
Dr. Matteo Bertelli, MAGI-onlus Rovereto, Italy
- Genetic basis of sudden death in young athletes
Dr. Carlo Napolitano, Molecular Cardiology Unit, Maugeri Foundation, IRCCS, Pavia, Italy
- Oxidative stress and sport
Prof. Marina Marini, Department of Applied Biology, University of Bologna, Italy
- Myocardial and cerebrovascular protection against ischemia and hypoxia
Prof. Michele Samaia, San Paolo Hospital, Milan University, Italy
- Physical activity for prevention of multifactorial diaseases
Prof. Federico Schena, University of Trento, CeBISM Rovereto (TN), Italy.
- Closure of interatrial defects in underwater divers
Prof. Onorato Eustaquo, Sant'Orsola Hospital, Brescia, Italy
- Patients with genetic diseases: from diagnosis to rehabilitation
Dr. Renato Borgatti, IRCCS Eugenio Medea, Bosisio Parini, Italy
- Magnetic resonance imaging of muscle in adults with muscular dystrophy
Prof. Enzo Ricci, Catholic University, Rome, Italy

13.30-14.30 LUNCH