



FONDAZIONE
INTERNAZIONALE
MENARINI

Focus on Cell Therapy

Transplantation and Tissue Repair

Bergamo (Italy), October 8th - 10th, 2009

Organized by

FROM - BERGAMO RESEARCH FOUNDATION

UNIT OF HEMATOLOGY AND BONE MARROW TRANSPLANTATION
OSPEDALI RIUNITI BERGAMO

UNIT OF NEPHROLOGY
OSPEDALI RIUNITI BERGAMO

MARIO NEGRI INSTITUTE FOR PHARMACOLOGICAL RESEARCH

FONDAZIONE INTERNAZIONALE MENARINI

PROGRAM

Sala Conferenze

Università di Bergamo, Complesso di Sant'Agostino (Città Alta)

Sala Oggioni

Congress Center Giovanni XXIII (Viale Papa Giovanni XXIII, 106)

Medicine is in a continuous process of evolution, with the aim to find answers/solutions to the failures which are still encountered, as well as to the new pathologies which are emerging in our societies. From this perspective it is mandatory that scientific research is always kept at the basis of medicine, that the two walk closely together, and that research keeps receiving stimuli and indications from the clinical field. A new frontier, nowadays, lies in cellular therapies and/or in the “new” transplantations. This field represents a significant change, from the “old” medicine of organ transplantation to a new medicine, which may allow us, in the future, to produce in the laboratory the tissues which are needed by a specific patient. Along this difficult path we are trying to objectively define where we stand, without illusions but also with growing certitudes. Cellular therapies are now being proposed as realistic therapeutic options for conditions such as the rejection of transplanted organs, graft versus host disease, infectious complications of transplantations, septic shock. In the meantime the bulk of knowledge deriving from basic research, ranging from immunology to stem cells, is suggesting new scenarios and protagonists in the growing field of translational research, in a continuous interlacing of knowledge and expertise.

Proff. T. Barbui and G. Remuzzi

Co-Presidents of the Meeting

Giuseppe Remuzzi

Unit of Nephrology
OORRBG,
Mario Negri Institute for
Pharmacological Research
Bergamo

Tiziano Barbui

FROM-Bergamo
Research Foundation

Scientific Secretariat

Martino Introna

Laboratorio di Terapia Cellulare “G. Lanzani”
Unit of Hematology and Bone Marrow Transplantation
OORRBG

Organizing Secretariat

Fondazione Internazionale Menarini
Via W. Tobagi, 8
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Phone: +39 02 55308110
Fax: +39 02 55305739
E-mail: milan@fondazione-menarini.it
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Thursday, October 8th, 2008 – h. 18.00
Sala Conferenze, Università di Bergamo, Complesso di Sant'Agostino, Città Alta

Opening ceremony

18.00 **Welcome address**
 T. Barbui (Bergamo, I)

18.15 **Keynote Lecture**
 M. Introna (Bergamo, I)
Limits and feasibility of a cell therapy program in a public hospital

Welcome party

Session I - Transplant tolerance for solid organs: how near we are

Chairpersons: **N. Perico** (Bergamo, I)
F. Casiraghi (Bergamo, I)

- 08.30 **Keynote Lecture**
G. Remuzzi (Bergamo, I)
Tolerance: a role for regulatory cells?
- 09.00 **T. Wekerle** (Wien, A)
Tolerance induction through mixed chimerism
- 09.30 **M. Noris** (Bergamo, I)
Immunomodulatory effect of mesenchymal stem cells: from bench to bedside
- 10.00 **M.C. Cuturi** (Nantes, F)
Dendritic cells and indirect pathway of allorecognition
- 10.30 *Coffee break*

Session II - New concepts of hematopoietic stem cell transplantation

Chairpersons: **A. Bosi** (Florence, I)
C. Tarella (Turin, I)

- 11.00 **K. Le Blanc** (Stockholm, S)
Treatment of acute GVHD with mesenchymal stromal cell
- 11.30 **A. Rambaldi** (Bergamo, I)
Cytokine- induced killer cells for leukemia relapse
- 12.00 **F. Frassoni** (Genoa, I)
Intrabone cord blood transplantation
- 12.30 **M. Di Nicola** (Milan, I)
Vaccination with dendritic cells in indolent non Hodgkin's lymphoma
- 13.00 **Keynote Lecture**
A. Nagy (Toronto, Canada)
Stem cells, the molecular circuitry of pluripotency and nuclear reprogramming
- 13.30 *Lunch*

Session III - Cellular therapies for infectious diseases

- Chairpersons: **F. Suter** (Bergamo, I)
A. Rambaldi (Bergamo, I)
- 14.30 **H. Einsele** (Würzburg, D)
T-cell therapy for CMV infection
- 15.00 **F. Locatelli** (Pavia, I)
T-cell therapy for EBV
- 15.30 **E. Mezey** (Bethesda, USA)
Bone marrow stromal cells for sepsis
- 16.00 **A. Velardi** (Perugia, I)
Cellular therapy across HLA barriers with donor lymphocytes
depleted of alloreactive T-cells by Photodynamic Purging
- 16.30 **Keynote Lecture**
A. Mantovani (Milan, I)
Innate immunity and infectious diseases
- 17.00 *Coffee break*

Session IV - Efficacy and safety of cellular and gene therapies of immune deficiencies

- Chairperson: **A. Benigni** (Bergamo, I)
- 17.30 **M. Cavazzana Calvo** (Paris, F)
Cell and gene therapy for primary immunodeficiencies and
other hereditary diseases
- 18.00 **A. Aiuti** (Milan, I)
Gene therapy for ADA deficiency

Session V – Stem cells for reparative medicine

Chairpersons: **A. Benigni** (Bergamo, I)
M. Introna (Bergamo, I)

09.00 **M. Morigi** (Bergamo, I)
Mesenchymal stem cells for kidney repair: useful tool for acute renal injury

09.30 **P. Romagnani** (Florence, I)
Renal repair by resident stem/progenitor cells

10.00 **C. Stamm** (Berlin, D)
Bone marrow or mesenchymal stem cell therapy for acute myocardial infarction

10.30 *Coffee break*

11.00 **D.D. Pearse** (Miami, USA)
Stem and progenitor therapies for spinal cord injury repair

11.30 **P. Macchiarini** (Barcelona, E)
Stem cell restoration and replacenment of the airway and lungs

12.00 **Keynote Lecture**
E.A. Ross (Gainesville, USA)
Stem cells and whole organ scaffolds: implications for regenerative medicine

12.30 Conclusion of the meeting

13.00 *Lunch*

GENERAL INFORMATION

Meeting venues

The venues for the Meeting will be:

- October 8th, “Aula Conferenze”, Università di Bergamo, Complesso di Sant'Agostino (Bergamo, Città Alta, Italy).
 - October 09th – 10th, “Sala Oggioni”, Congress Center Giovanni XXIII (Viale Papa Giovanni XXIII, 106 - 24121 Bergamo, Italy).
- Phone: +39 035 236435

Secretariat during the Meeting

The Secretariat will be open at the following times:

- Thursday, October 08th, from 05.00 p.m. to 07.00 p.m.
- Friday, October 09th, from 07.45 a.m. to 06.30 p.m.
- Saturday, October 10th, from 08.00 a.m. to 01.30 p.m.

Official language

The official language of the Meeting will be English.

Registration

The Meeting is free to attend. Please confirm the participation to the Organizing Secretariat (Fondazione Internazionale Menarini – Phone: +39 02 55308110 – Fax: +39 02 55305739 E-mail: milan@fondazione-menarini.it) **within Monday, September 21st, 2009.**

CME Credits

CME Credits will be applied for from the Italian Health Authorities.

European CME credits (ECMEC's)

European CME credits have been applied for from the European Accreditation Council for Continuing Medical Education (EACCME).

Technical facilities

Facilities will be available for computer presentations and overhead projections. A business center with PC (Powerpoint for Windows) will be available for check and preview of presentations. It is essential that speakers take their presentation to the business center at least one hour before the session starts. The center will be open at the following times:

- Thursday, October 08th, from 05.00 p.m. to 07.00 p.m.
- Friday, October 09th, from 07.45 a.m. to 06.30 p.m.
- Saturday, October 10th, from 08.00 a.m. to 01.30 p.m.

Hotel accomodation

For information regarding the hotel accomodation in Bergamo please contact our Agency: Servizi CEC (Ms. Katia Gissi) Via Verdi, 18 – 24121 Bergamo (Italy).
Phone: +39 035 249899 - Fax: +39 035 237852 - E-mail: k.gissi@servizicec.it

Lunches and coffee breaks

Lunches and coffee breaks will be served in the Meeting area.

Abstracts book

Participants will receive the Abstract book at the Meeting.

LIST OF CHAIRMEN, SPEAKERS, CO-PRESIDENTS OF THE MEETING AND SCIENTIFIC SECRETARIAT

Alessandro Aiuti

ADA-SCID Pathogenesis and Treatment Unit
San Raffaele Theleton Institute for Gene Therapy (HSR-TIGET)
Milan (Italy)

Ariela Benigni

Department Molecular Medicine
Mario Negri Institute for Pharmacological Research
Bergamo (Italy)

Alberto Bosi

Division of Hematology
Department of Surgical Critical Area
Careggi University Hospital
Florence (Italy)

Federica Casiraghi

Immunology and Genetics of Transplantation and Rare Diseases
Clinical Research Center for Rare Diseases "Aldo e Cele Daccò"
Ranica (Bergamo, Italy)

Marina Cavazzana Calvo

Department of Biotherapy
Hospital Necker Enfants-Malades
Paris (France)

Maria Cristina Cuturi

Institut National de la Santé
et de la Recherche Medicale (INSERM)
Nantes (France)

Massimo Di Nicola

Department of Medical Oncology
Foundation IRCCS National Cancer Institute
Milan (Italy)

Herman Einsele

Medical Clinic and Polyclinic II
Würzburg (Germany)

Francesco Frassoni

Department of Hemato-Oncology
A.O San Martino Hospital
Genoa (Italy)

Martino Introna

Laboratory of Cellular and Gene Therapy "G. Lanzani"
Presidio "Matteo Rota"
Ospedali Riuniti di Bergamo
Bergamo (Italy)

Katarina Le Blanc

Hematology Centre
Division of Clinical Immunology and Transfusion Medicine
Karolinska University Hospital Huddinge
Stockholm (Sweden)

Franco Locatelli

Pediatric Oncohematology
Foundation IRCCS San Matteo Hospital
University of Pavia
Pavia (Italy)

Paolo Macchiarini

Department of General Thoracic Surgery
Hospital Clinico de Barcelona
University of Barcelona
Barcelona (Spain)

Alberto Mantovani

Innate immunity and infectious diseases
Clinical Institute Humanitas
Milan (Italy)

Eva Mezey

National Institute of Dental and Craniofacial Research
Craniofacial and Skeletal Diseases Branch
Bethesda (USA)

Marina Morigi

Mario Negri Institute for Pharmacological Research
Bergamo (Italy)

Andras Nagy

Samuel Lunenfeld Institute
Mount Sinai Hospital,
Toronto (Canada)

Marina Noris

Clinical Research Center for Rare Diseases "Aldo e Cele Daccò"
Mario Negri Institute for Pharmacological Research
Ranica (Bergamo, Italy)

Damien D. Pearse

The Miami Project to Cure Paralysis
University of Miami School of Medicine
Miami (USA)

Norberto Perico

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Clinical Research Center for Rare Diseases “Aldo e Cele Daccò”
Ranica (Bergamo, Italy)

Alessandro Rambaldi

USC Hematology and Bone Marrow Transplant
Ospedali Riuniti di Bergamo
Bergamo (Italy)

Paola Romagnani

Department of Clinical Pathophysiology
Nephrology section
University of Florence
Florence (Italy)

Edward A. Ross

Division of Nephrology, Hypertension & Transplantation
University of Florida
Gainesville (USA)

Christof Stamm

Department of Cardiac Surgery
University of Rostock
Rostock (Germany)

Fredy Suter

Department of Medicine and USC Infectious Diseases
Ospedali Riuniti di Bergamo
Bergamo (Italy)

Corrado Tarella

Hematology University Division
University of Torino
Turin (Italy)

Andrea Velardi

Department of Clinical and Experimental Medicine, Section of Hematology
University of Perugia, Santa Maria della Misericordia Hospital
Perugia (Italy)

Thomas Wekerle

Division of Transplantation, Department of Surgery
Vienna General Hospital
Vienna (Austria)



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REGISTRATION FORM

Family name _____

First name _____

Title _____ Institute/Organization _____

Mailing address _____

Postal code _____

City _____ Country _____

Telephone _____ Fax _____

e-mail _____

The Meeting is free to attend. Please confirm the participation to the Organizing Secretariat:
Fondazione Internazionale Menarini - Phone +39 02 55308110 - Fax +39 02 55305739
E-mail: milan@fondazione-menarini.it, **within Monday, September 21st, 2009.**

Date _____

Signature



Menarini Foundation Symposia: 201