

Scientific Organization

Chair

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Heinz Redl (Austria)
Steffen Zeisberger (Switzerland)
Ursula Manuelpillai (Australia)

Meeting Secretary

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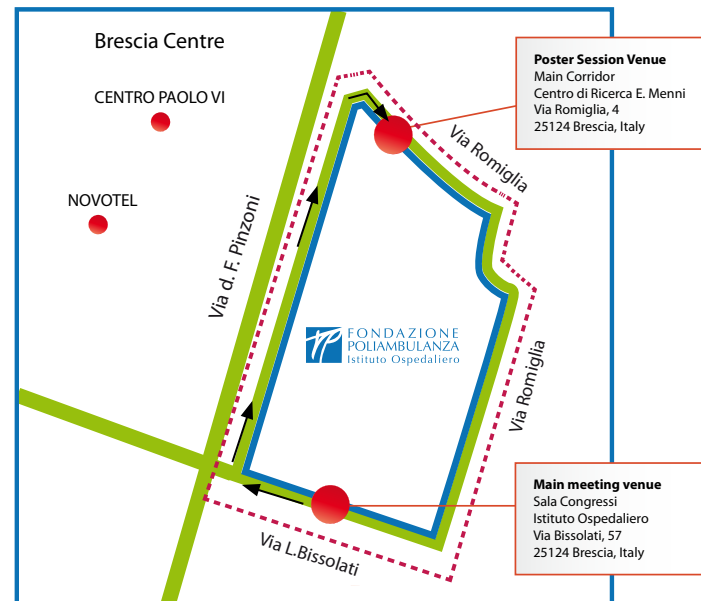
marco_crem@hotmail.it
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 **FONDAZIONE
POLIAMBULANZA**
Istituto Ospedaliero
Centro Ricerca Eugenia Menni

Venue:

Main Meeting Venue:
Sala Congressi
Fondazione Poliambulanza – Istituto Ospedaliero
Via Bissolati, 57
25124 Brescia, Italy

Poster Session Venue:
Main Corridor
Centro di Ricerca E. Menni
Via Romiglia, 4
25124 Brescia, Italy



Tailor Made Communication

**EMBO
Workshop**

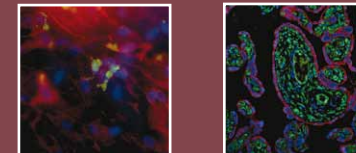
From fetomaternal tolerance to
immunomodulatory properties of
placenta-derived cells in cell therapy



3 - 6 October | 2010 | Brescia | Italy

First meeting of the International
Placenta Stem Cell Society (IPLASS)

www.iplass.org



For registration and abstract submission
please visit:

<http://cwp.embo.org/w10-33>

SPONSORS



Platinum contributions



Silver contributions



Bronze contribution



Sunday, October 3rd 2010

10:00 Registration at Poster Session Venue.

12:00 Panini & Pizza

Afternoon

14:30 - 16:30 Meet the experts.

Concurrently:

14:30 - 16:30 IPLASS Board Meeting
(closed to the IPLASS Board of Directors).

16:30 Shift to Main Meeting Venue.

17:00 OPENING AND WELCOME
REMARKS OF THE MEETING CHAIR
IPLASS President, **Ornella Parolini**.

17:30 - 18:30 **Diana W. Bianchi** (USA)
OPENING KEYNOTE LECTURE:
Fetal cells in the adult female
following pregnancy:
an under-appreciated source of
progenitor cells.

19:30 Welcome cocktail with cheese
and wine.

Monday, October 4th 2010

SESSION I Immunology of transplantation

Chairs: Alexander Betz and Andrew Mellor

9:00 - 9:45 **Kathryn J. Wood** (UK)
*Translating transplantation tolerance
in the clinic: where are we,
where do we go?*

9:45 - 10:30 **Cecilia Götherström** (Sweden)
*Immunomodulation by mesenchymal
stem cells and clinical experience.*

10:30 - 11:00 Coffee Break

11:00 - 11:30 **Sicco Scherjon** (Netherlands)
*Lessons from fetomaternal tolerance as a
paradigm for transplantation
tolerance.*

11:30 - 12:30 Selected Oral Presentations.

12:30 - 13:30 Lunch at Poster Session Venue.

13:30 - 15:00 Coffee with Poster Session and Stand
Displays by Sponsor Companies involved
in banking and cell therapy.

15:00 Return to Conference Venue.

SESSION II Natural/physiological mechanisms to escape graft rejection: fetomaternal tolerance

Chairs: Kathryn Wood and Cecilia Götherström

15:30 - 16:15 **Alexander G. Betz** (UK),
*Molecular mechanisms of
immune tolerance.*

16:15 - 17:00 **Andrew L. Mellor** (USA)
*Indoleamine 2,3 dioxygenase:
a pivotal counter-regulatory switch at
sites of inflammation.*

17:00 Coffee Break

17:20 - 18:00 Selected Oral Presentations.

Tuesday, October 5th 2010

SESSION III Stem cell potential and immunological characteristics of cells from different placental regions

Chairs: Heinz Redl and Stephen Strom

9:00 - 9:45 **Ornella Parolini** (Italy)
i) Structure of Placenta – Generalities
ii) Immunomodulatory properties of
amniotic membrane-derived cells:
in vitro and in vivo studies.

9:45 - 10:30 **Mark Weiss** (USA)
*Properties of Wharton's Jelly-derived
mesenchymal stromal cells:
immune modulation.*

10:30 - 11:00 Selected Oral Presentations.

11:00 - 11:30 Coffee break

Chairs: Cesar Borlongan and Ursula Manuelpillai

11:30 - 12:00 **Susanne Wolbank** (Austria)
*Suitability of amniotic membrane and
cells thereof for tissue regeneration
approaches.*

12:00 - 12:30 **Racheli Ofir** (Israel)
*Placenta derived mesenchymal like
stromal cells- not all cells were created
equal.*

12:30 - 14:30 Lunch with Poster session and Stand
Displays by Sponsor Companies involved
in banking and cell therapy.

15:00 Afternoon social programme followed
by networking dinner at 20:00.

Wednesday, October 6th 2010

SESSION IV Cell therapy approaches: differentiation versus paracrine effects

Chairs: Mark Weiss and Daniel Surbek

9:00 - 9:30 **Stephen Strom** (USA)
*Amnion-derived cells to treat liver
disease.*

9:30 - 10:00 **Ursula Manuelpillai** (Australia)
*Human amnion epithelial cells:
a cellular therapy for inflammatory
diseases?*

10:00 - 10:30 **Simon Hoerstrup** (Switzerland)
*Human prenatal stem cells for
cardiovascular tissue engineering.*

10:30 - 11:00 **Peter Ponsaerts** (Belgium)
*Physiological comparison of autologous
and allogeneic cell implantation in the
central nervous system: defining and
regulating immune cell activity against
mesenchymal and neural stem cell grafts.*

11:00 - 11:30 Coffee break

11:30 - 12:00 **Francesco Alviano** (Italy)
*Amniotic membrane-derived stem
cells and pancreatic islet-cell
differentiation.*

12:00 - 12:30 **Cesar Borlongan** (USA)
*Amnion derived cells for cell therapy
in stroke.*

12:30 - 14:00 Lunch with panini and pizza.

14:00 ROUND TABLE: Discussion on
applications of placenta-derived cells
with young researchers as panellists.
Looking toward the next meeting,
message on behalf of the IPLASS
board.

16:00 **Closing address** and farewell drinks
with **Prizes for best poster oral
presentations and poster** to be
presented by representatives of the
awarding Company or Institution.