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- Frank Barry**  
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- Sveva Bollini**  
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- Bruno Bonetti**  
UNIVERSITY OF VERONA
- Federica Bono**  
UNIVERSITY OF BRESCIA
- Elena Cattaneo**  
UNIVERSITY OF MILAN
- Annamaria Cimini**  
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- Marilena Cipollaro**  
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- Carlo Guarnieri**  
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- Christian Jorgensen**  
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- Ornella Parolini**  
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- Roberta Piva**  
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- Marco Tripodi**  
UNIVERSITY LA SAPIENZA, ROME
- Antonio Uccelli**  
UNIVERSITY OF GENOA
- Carlo Ventura**  
UNIVERSITY OF BOLOGNA
- Stefano Volinia**  
UNIVERSITY OF FERRARA



# VII meeting Stem Cell Research Italy

MEMORIAL PROF. ANDREA FACCHINI

Educational Medicine Credits (ECM) will be requested to the Italian Ministry of Health according to the program of "Continuous Education in Medicine".  
Credit for: Medical Doctor, Biologist, Pharmacist

Communications will be conducted in Italian or English with English slides. Posters and abstracts must be written in English.  
Deadline abstract: 7 May 2016.

**REGISTRATION FEE INCLUDES:**

- meeting attendance
- ecm
- coffee breaks
- two lunch (22-23/06)

**REGISTRATION FEE (RATE PER PERSON) WITH ACCOMODATION:**

THE REGISTRATION PROVIDES AN ENTRY FEE INCLUDING:

- meeting attendance
- ecm
- coffee breaks
- one dinner (21/06)
- two lunch (22-23/06)
- two nights in Relais Bellaria
- transfer from IOR to Relais Bellaria and come back

**ONE DAY REGISTRATION ONLY FOR 22/06 INCLUDES:**

- meeting attendance
- coffee breaks
- one lunch

REGISTRATION FEE		WITH ACCOMODATION IN CAMPUS X RATE PER PERSON			ONE DAY FOR 22/06
		SINGLE ROOM	DOUBLE ROOM	TRIPLE ROOM	
SCR, ISCT, AICC, SIES MEMBERS	€ 200,00	€ 350,00	€ 320,00	€ 300,00	€ 100,00
NO MEMBERS	€ 250,00	€ 400,00	€ 370,00	€ 340,00	€ 100,00
YOUNG PEOPLE* and PERSON WITH NO PERMANENT POSITION	€ 150,00	€ 280,00	€ 240,00	€ 220,00	€ 80,00

THE SOCIAL DINNER FOR THE DAY JUNE 22<sup>TH</sup> COSTS € 30,00 AND INCLUDES A GUIDED TOUR TO BOLOGNA OLD CITY CENTER  
YOUNG PEOPLE\* ARE: MEMBERS AND NON MEMBERS (SCHOLAR, PHD, RESEARCH FELLOW) UNDER 30 YEARS OLD

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FOR YOUR REGISTRATION AND PAYMENT  
PLEASE CONTACT ROSARIA PASQUARIELLO  
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SCIENTIFIC COMMITTEE  
Umberto Galderisi  
Gina Lisignoli

JUNE 21 - 22 - 23, 2016



**Bologna - ITALY**  
ISTITUTO ORTOPEDICO RIZZOLI

**21****TUESDAY  
JUNE**

- 14.15** Registration and poster set-up
- 14.45** **WELCOME CEREMONY**  
*Umberto Galderisi*
- 15.00** **WELCOME CEREMONY IN MEMORIAM PROF. ANDREA FACCHINI**  
IOR Scientific Director and Prof. Mario Nadir Maraldi  
UniBO Rappresentative Prof. Marco Zoli  
Memories of Laboratory of Immunorheumatology and Regenerative Medicine
- MEMORIAM KEY LECTURES**  
CHAIR: *Gina Lisignoli*
- 15.30** *Frank Barry*  
Stromal cell therapy: clinical progress and translational obstacles
- 16.10** *Christian Jorgensen*  
Adipose derived stem cells for osteoarthritis: where do we stand?
- 16.50** *Coffee Break*
- 17.15** **PROF. ANDREA FACCHINI AWARD: SELECTED YOUNG ORAL COMMUNICATIONS**  
CHAIRS: *Roberta Piva and Erminia Mariani*  
3 Selected abstracts
- 20.30** *Dinner*

**22****WEDNESDAY  
JUNE**

- 08.30** Registration
- 08.45** **STEM CELLS AND DISEASES**  
CHAIRS: *Brunella Grigolo and a selected young investigator*
- 08.45** *Giovanna Desando*  
Efficacy of mesenchymal stromal cells treatment in an osteoarthritis animal model
- 09.10** *Alessandro Rosa*  
In vitro disease modeling of Amyotrophic Lateral Sclerosis with induced Pluripotent Stem Cells (iPSCs)
- 09.40** *Persio della Sbarba*  
Metabolic characterization of chronic myeloid leukaemia stem cells sensitive and resistant to tyrosine kinase inhibitors
- KEY LECTURE**  
CHAIR: *Gina Lisignoli*
- 10.00** *Nicola Giuliani*  
Alterations of mesenchymal stromal cells in patients with Multiple Myeloma
- 10.45** *Coffee Break*
- STEM CELL APPLICATION: FROM BASIC TO APPLIED RESEARCH I**  
CHAIRS: *Milena Fini and Roberta Di Pietro*
- 11.00** *Simona Neri*  
Genomic stability of in vitro expanded mesenchymal stromal cells
- 11.20** *Mariagrazia Grilli*  
Adult neural stem cells: pharmacologist's perspective
- 11.40** *Carlo Guarnieri*  
Autologous adipose tissue transplantation: regenerative potential of lipoaspirates obtained by different processing systems

- 12.00** *Carlo Ventura*  
The use of electromagnetic fields to modulate MSC functions
- 12.30** Snapshot Aziende (to be defined)
- 13.00** *Lunch and Poster*

**KEY LECTURE**CHAIR: *Roberta Piva*

- 14.30** *Stefano Volinia*  
Cancer Stem cells regulation

**STEM CELL APPLICATION: FROM BASIC TO APPLIED RESEARCH II**CHAIRS: *Assunta Pandolfi and a selected young investigator*

- 15.00** *Francesco Grassi*  
Osteogenic differentiation of mesenchymal stem cells is sustained by hydrogen sulfide and its endogenous pathway
- 15.15** *Marco Angelozzi*  
Development of 3D stem cell culture systems one step closer to natural conditions.
- 15.30** *Domitilla Mandatori*  
Vitamin K2 and Bone: Focus on Osteogenesis
- 15.45** **"REMEMBERING PROF. PAOLO BIANCO" AND PAOLO BIANCO AWARD**
- 16.15** Poster tour 5 minutes Snapshot 3 selected Poster
- 18.00** **VISIT TO BOLOGNA OLD CITY CENTER**
- 20.30** *Gala Dinner- SCR assembly*

**23****THURSDAY  
JUNE**

- 08.30** Registration
- STEM CELL SECRETOMA (SCR NETWORK)**  
CHAIRS: *Umberto Galderisi and a selected young investigator*
- 08.45** *Marco Marchisio*  
Mesenchymal stem cell microparticles: potential use in regenerative medicine
- 09.10** *Mario Romano*  
Pro-resolving lipid mediators/receptors and MSC
- 09.35** *Omella Parolini*  
Therapeutic potential of factors released from amniotic cells
- 10.00** *Fabiana Geraci*  
Paracrine effect of membrane vesicles released by mouse mesoangioblast stem cells on non correlated cell types
- 10.25** *Bruno Bonetti*  
Nanovesicles from adipose-derived mesenchymal stem cells ameliorate chronic experimental autoimmune encephalomyelitisB
- 10.50** *Coffee Break*
- PERINATAL STEM CELLS (IPLASS AND SCR NETWORK)**  
CHAIRS: *Omella Parolini and a selected young investigator*
- 11.15** *Giampiero La Rocca*  
Novel aspects of Wharton's jelly stem cells immune and differentiative features
- 11.35** *Sveva Bollini*  
Human amniotic fluid stem cells provide cardioprotection in a doxorubicin-induced cardiotoxicity model
- 11.55** *Federica Bono*  
Functional characterization of dopamine D2/D5 receptor in human iPSC-derived dopaminergic neurons
- 12.15** **Evaluation of ECM credits**
- 13.00** **Concluding remarks and light lunch**