



StemNet

FEDERATION OF STEM CELL ASSOCIATIONS



FIRST INTERNATIONAL STEMNET MEETING

Padua, May 6 – 8, 2020

Botanic Garden and Biodiversity Garden of Padua





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First International StemNet Meeting

Padua, May 6-8, 2020

Opening in Aula Magna, Palazzo Bo

Wednesday, May 6, 2020

13:00 REGISTRATION

14:00 OPENING CEREMONY

SESSION 1: COMMUNICATING SCIENCE

CHAIR: Antonella Viola (Padua), Massimo Dominici (Modena)

14.30 - 16.00

14.30-15.30

Genetically-engineered somatic cells to cure genetic disorders and cancer: a critical assessment

Franco Locatelli (Rome)

15.30-16.00

From cell therapy to genes: regenerating the field of cardiac regeneration

Mauro Giacca (London, UK)

SESSION 2: LE ASPETTATIVE DEL PAZIENTE TRA BIOETICA, REGOLAMENTAZIONE E MERCATO

CHAIR: Augusto Pessina (Milan), Maurizio Muraca (Padua)

16.00 - 16.40

16.00-16.20

Turismo medico, cliniche offshore e cure compassionevoli: il punto di vista degli enti regolatori

Daniela Melchiorri (Rome)

16.20-16.40

La bioetica tra vecchie e nuove sfide

Renzo Pegoraro (Rome)

16:40-17:00 COFFEE BREAK

17.30-18.00

Comunicare la Scienza

Vera Martinella (Milan)

18.00-18.30

Dibattito - Tavola Rotonda

Franco Locatelli, Mauro Giacca, Vera Martinella, Daniela Melchiorri, Renzo Pegoraro

18.30-19.30 WELCOME COCKTAIL

Thursday, May 7, 2020

09:00-09:30

Modelling Amniotic Membrane healing effect on chronic and diabetic foot ulcers into an in vitro cell system to unravel the molecular mechanisms behind its therapeutic effect

Francisco J. Nicolás (Murcia, Spain)

09.30-10.00

MSCs in Crohn's disease

Rachele Ciccocioppo (Verona)

10.00-10.30

Where gene therapy meets cell therapy

Alessandra Biffi (Padua)

10.30-10.45

Title

Selected communication

10.45-11.00

Title

Selected communication

11:15-11:30 COFFEE BREAK

SESSION 5: MESENCHYMAL STROMAL CELLS AND THE NEURONAL COMPARTMENT

CHAIR: Zoltan Vereb (Szeged), Umberto Galderisi (Naples)

11.30 - 13.00

11:30-12:00

DNA damage response of neural stem and progenitor cells and neurodevelopmental pathologies

François Boussin (Paris-Saclay, France)

12.00-12.30

Challenge to medical innovation by non-tumorigenic endogenous reparative Muse cells

Mari Dezawa (Sendai, Japan)

12.30-12.45

Title

Selected communication

12.45-13.00

Title

Selected communication

13:00-14:00 CORPORATE LUNCH SYMPOSIUM

14:00-15:00 POSTER SESSION

SESSION 6: CANCER STEM CELLS AND TUMOR MICROENVIRONMENT

CHAIR: Krisztina Buzas (Szeged), Enrico Lucarelli (Bologna)

15.00 - 16.30

15:00-15:30

Cancer stem cells

Stefano Piccolo (Padua)

15.30-16.00

An antitumoral cellular viroimmunotherapy using mesenchymal progenitor cells

Javier Garcia-Castro (Madrid, Spain)

16.00-16.15

Title

Selected communication

16.15-16.30

Title

Selected communication

16:30-17:00 COFFEE BREAK

SESSION 7: CELL FREE THERAPY

CHAIR: Barbara Lukomska (Warsaw), Maria Luisa Torre (Pavia)

17.00 - 18.30

17:00-17:30

First clinical experiences with MSC derived extracellular vesicles

Eva Rohde (Salzburg, Austria)

17.30-18.00

Extracellular vesicles: challenges from preclinical to clinical applications

Giovanni Camussi (Turin)

18.00-18.30

Functional heterogeneity of cellular and extracellular vesicle-based therapeutics: implications for the development of potency assays

Bernd Giebel (Essen, Germany)

18:30-20:00 SOCIETY ASSEMBLY

Friday, May 8, 2020

SESSION 8: ORGANOID

CHAIR: Lorenza Lazzari (Milan), Roberta Piva (Ferrara)

09.00 - 11.00

09.00-09.30

Organoids culture systems: unique tools for studying biological processes and create the medicine of the future.

Salvatore Simmini (Cambridge, UK)

09.30-10.00

Extracellular matrix hydrogel derived from decellularized tissues enables endoderm organoid culture

Nicola Elvassore (Padua)

10.00-10.30

Organoids in cancer research

Giulia Della Chiara (Milan)

10.30-10.45

Title

Selected communication

10.45-11.00

Title

Selected communication

11:00-11:30 COFFEE BREAK

SESSION 9: OPPORTUNITIES FOR YOUNG RESEARCHER
CHAIR: Francesco Alviano (Bologna), Assunta Pandolfi (Chieti)

11.00 - 13.30

11.30-11.45

Opportunities in 2020 for short-term fellowships in Europe

Filippo Piccinini (Meldola)

12.45-13.30 YOUNG INVESTIGATOR AWARDS AND CLOSING REMARKS



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STEMNET BOARD

President: Augusto Pessina (GISM)

Vice-President: Massimo Dominici (FiRST)

Secretary: Umberto Galderisi (SCRI)

Members: Enrico Lucarelli (GISM), Lorenza Lazzari (FIRST), Ornella Parolini (IPLASS), Francesco Alviano (IPLASS), Roberta Piva (SCRI)

LOCAL ORGANIZING COMMITTEE

Maurizio Muraca, Michela Pozzobon

FACULTIES

Alessandra Biffi - Department of Pediatrics, Director of Pediatric Oncohematology, University of Padua

Barbara Lukomska - NeuroRepair Department, Mossakowski Medical Research Centre, Warsaw, Poland

Bernd Giebel - Institute for Transfusion Medicine, University Hospital Essen, Germany

Daniela Melchiorri - Department of Pharmacology, University of La Sapienza, Rome

Eva Rohde - Paracelsus Medical, University Salzburg, Austria

Filippo Piccinini - Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori (IRST) IRCCS, Meldola, Italy

Francisco J. Nicolás - Laboratorio de Regeneración, Hospital Universitario Virgen de la Arrixaca, Murcia, Spain

Franco Locatelli - Director of Consiglio Superiore di Sanità, Department of Oncohematology, Cell and gene therapy Department, IRCCS Pediatric Hospital Bambino Gesù, Rome

François Boussin - Institut de biologie François Jacob DRF, Institut F. Jacob, CEA Paris-Saclay, France

Giovanni Camussi - Department of Nephrology, University of Torino

Giulia Della Chiara - IBP Unit, Istituto Nazionale di Genetica Molecolare "Romeo ed Enrica Invernizzi", Department of Medical Biotechnology and Translational Medicine, Università degli Studi di Milano

Javer Garcia Castro - Head of Cellular Biotechnology Unit, Instituto de Salud Carlos II, Spain

Krisztina Buzas - Faculty of Dentistry, University of Szeged and Biological Research Center, Szeged, Hungary

Mari Dezawa - Department of Stem Cell Biology and Histology, Tohoku University, Graduate School of Medicine, Japan

Mauro Giacca - Cardiovascular Department, Sciences in the School of Cardiovascular Medicine & Sciences, Kings College, London, UK

Nicola Elvassore - Department of Industrial Engineering, University of Padova

Rachele Ciccocioppo - Gastroenterology Unit, Department of Medicine, University of Verona

Renzo Pegoraro - Chancellor of Pontifical Academy for Life, Rome

Salvatore Simmini - Research & Development, STEMCELL Technologies, Cambridge Research Park, UK

Stefano Piccolo - Department of Molecular Medicine, University of Padua

Vera Martinella - Health Desk Manager, Corriere della Sera, Milan

Zoltan Vereb - Regenerative Medicine and Cellular Pharmacology Laboratory, Department of Dermatology and Institute of Translational Biomedicine, University of Szeged, Hungary



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MAIN TOPICS:

- New insights on biology of mesenchymal stromal/progenitor cells (MSCs);
- Clinical targets of stromal/progenitor cells: from in vitro studies to therapy;
- Basic and applied research on adult stem cells;
- Cancer stem cells and stem cells for cancer: from basic research to therapy;
- Beyond stem cells: therapeutic use of extracellular vesicles;
- Perinatal tissue derived bioactive agents: from mechanism of action to therapeutic approaches;
- Gene therapy: alternative or complementary approach to cell therapy?
- Induced Pluripotent Stem Cells, (iPSC): basic and applied research.

CALL FOR ABSTRACT

By submitting an abstract of your research you accept to share your work either as a speech or as a poster to be presented or displayed during the congress.

The Scientific Committee will designate the format (oral or poster). The final acceptance decision is the exclusive right of the Scientific Committee.

The Abstracts will be evaluated and scored by a panel of Referees (selected by the Scientific Committee) according to their novelty and significance for the Young Investigator Awards.

Abstract submission is open! Don't miss the chance to share your research studies.

DEADLINE: MARCH 7, 2020

INSTRUCTIONS

Abstracts must adequately describe the objectives and results. Originality, study quality and completeness of the work will be evaluated.

All information and news about the status of the abstract will only be sent to the e-mail address **stemnet@ziptravelgroup.com**. Please check for the accuracy of the e-mail address inserted.

- Language: English.
- Font: Times New Roman, 12 points font size, single spaced, justified text.
- Characters Limit: The abstract must not exceed 2500 characters, including spaces. (this must be applied to the main body of the abstract only. Abstract, title and authors are excluded). References should not be included in the abstract. Use of standard abbreviations is desirable.
- Author/s names and surnames (Regular style): E.g.: Mario Rossi, Carla Bianchi, ...
- Affiliation (Regular style): E.g. University of..., Laboratory of ...,
- Text: Originality, study quality and completeness of the work will be evaluated. The abstract should be divided into 4 paragraphs:
 1. **OBJECTIVE**: indicate primary purpose of study.
 2. **MATERIALS AND METHODS**: description of data sources, subjects, design measurements and data analysis.
 3. **RESULTS**: summary of the main findings.
 4. **CONCLUSIONS**: study's conclusion and/or implication of the results.
- Abbreviations in the title will not be accepted. If used throughout the text, abbreviations must be indicated in their extended version the first time they are used.
- Please do not include images, tables or attachments.
- File saving: save the abstract in a Word format with the following name: first name surname of the first author (e.g. mario_rossi.doc).

YOUNG INVESTIGATOR AWARD

StemNet will assign three "Young Investigator Awards" of 500 Eur each. In order to be eligible to win, the first author of a paper must be younger of 35 on May the 6th 2020. The awards will be delivered to the winner during the Award Ceremony. As collection on behalf of the designated winner is not allowed, the unavailability to personally collect the award will cause disqualification from the competition. To take part in the contest, please add the Young Investigator Award acronym within brackets (YIA) before the first word of your abstract title.

REGISTRATION FEES

	UP TO 7 APRIL 2020	FROM 8 APRIL 2020
DELEGATES (non members)	€ 220,00	€ 270,00
GISM, FIRST, IPLASS, SCR and AICC members	€ 170,00	€ 220,00
STUDENTS/NURSES	€ 120,00	€ 150,00
ONLY ONE DAY	€ 120,00	€ 120,00

CANCELLATION & REFUND POLICY

In order to obtain reimbursement of delegate registration, all cancellations for the FIRST INTERNATIONAL STEMNET MEETING must be submitted in writing to the Congress Secretariat via email to: stemnet@ziptravelgroup.com

- Cancellations received in writing between by April 7, 2020 will be refunded, less of € 80,00 administrative fee.
- Cancellations received in writing on April 8 or later, will not be refunded, other than exceptional circumstances to be reviewed and agreed by the organizing committee.

PAYMENT BY BANK TRANSFER

Bank transfer payable to **Gruppo Italiano Staminali Mesenchimali**

REF.: StemNet, May 6 - 8, 2020

BANK: BANCA PROSSIMA - Milano

IBAN: IT09X0335901600100000130961

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