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Italiana della Cultura  
2023

BERGAMO  
BRESCIA



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DI BRESCIA



FONDAZIONE  
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SULLE CELLULE STAMINALI

# SECOND INTERNATIONAL STEMNET MEETING

18 - 20 October 2023



**BRESCIA - Paolo VI Center - Via Gezio Calini, 30**



SECOND INTERNATIONAL  
**STEMNET MEETING**

Welcome to the **Second International StemNet Meeting** that will take place at the Paolo VI Center in Brescia (Italy) on October 18-20, 2023.

StemNet is a federation of the four main associations of stem cell research in Italy (FIRST, GISM, IPLASS, SCRI) that share and synergize experiences to enhance both the quality and the impact of research in this advancing field. This meeting marks the constructive relationship among our associations and aims to improve the exchange of relevant and up-to-date information in the field of advanced cell therapy.

The nine sessions of the meeting will spotlight relevant progress in basic and translational stem cell research in human and veterinary medicine. The meeting also includes discussions on critical aspects of biomedical communication and research valorization, and will include a “next generation session” organized by young scientists. A faculty of national and international experts and renowned speakers will foster exciting and inspiring debates of the challenging scientific program.

The best three posters will be awarded with the “Young Investigator Award” (500 €) to encourage the attendance of the youngest members of our community.

The meeting is held in the Paolo VI Center located in the ancient Santangelo palace, a merger of two ancient palaces from the 1600s now named after the Brescian Pope Paul VI declared a Saint in 2014.

We are excited to welcome you to Brescia that (together with Bergamo) have been chosen as the 2023 Italian capitals of culture. We wish you a very productive congress and a pleasant stay in Brescia!

*Sincerely, the Stemnet President  
and the local organizing committee*

**Augusto Pessina, Giovanna Piovani,  
Silvia Dotti, Antonietta Rosa Silini**

**WEDNESDAY, OCTOBER 18, 2023**

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**13.00 Registration**

**15.00 Welcome and Opening of the meeting**

**Francesco Castelli**

*Rector of the University of Brescia*

**Giovanna Piovani**

*Local Organizing Committee, University of Brescia*

**Augusto Pessina**

*President Stemnet*

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**15.30 - 17.00**

**LA COMUNICAZIONE BIOMEDICA IN ITALIA:  
ASPETTI CRITICI**

**Buone e “cattive” pratiche secondo la prospettiva  
del giornalista, del comunicatore e degli uffici stampa**

Chair: **Augusto Pessina** (*Milan*)

**Ornella Parolini** (*Rome*)

**15.30 Giornalista scientifico Fondazione Umberto Veronesi,  
gruppo GEDI (La Stampa, Repubblica)**

**Daniele Banfi** (*Milan*)

**15.45 Comunicatore scientifico e autore di SuperQuark**

**Giovanni Carrada** (*Rome*)

**16.00 Responsabile ufficio stampa e coordinamento  
editoriale Ospedale Bambino Gesù**

**Alessandro Iapino** (*Rome*)

**16.15 Discussione**

**17.00 Coffee break**

## **WEDNESDAY, OCTOBER 18, 2023**

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**17.30 - 19.00**

### **STEMNET NEXT GENERATION SESSION**

Chair: **Filippo Piccinini** (*Meldola*)

**Pasquale Marrazzo** (*Bologna*)

**17.30 Introduction and description**

**“StemNet Next-Generation Contest 2023”**

**17.40 FMR1 silencing and stability during human  
FXS brain development: from early stage  
of pluripotency to 3D cortical organoids**

**Cecilia Laterza** (*Padua*)

### **STEMNET NEXT GENERATION CONTEST**

**18.00 Winner 1**

**18.10 Winner 2**

**18.20 Winner 3**

**18.30 Discussion**

**19.00 Welcome cocktail**

## **THURSDAY, OCTOBER 19, 2023**

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**09.00 - 10.30**

### **CELL FREE THERAPIES**

Chair: **Umberto Galderisi** (*Naples*)

**Massimo Dominici** (*Modena*)

**09.00 Camouflaging synthetic nanomaterials  
with MSC extracellular vesicle membranes**

**Paolo Bergese** (*Brescia*)

**09.20 The role of glucocorticoids in the regulation  
of cardiomyocyte regenerative plasticity**

**Gabriele D'Uva** (*Bologna*)

**09.40 Selected communication**

**09.50 Selected communication**

**10.00 Discussion**

**10.30 Coffee break**

## **THURSDAY, OCTOBER 19, 2023**

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**11.00 - 12.30**

### **TIPS AND TRICKS OF RESEARCH VALORIZATION**

Chair: **Luca Battistelli** (*Meldola*)

**Enrico Lucarelli** (*Bologna*)

**11.00 From research to enterprise: Materials as a model**

**Luigi Nicolais** (*Naples*)

**11.15 The role of venture capitalists for the support of translational research**

**Davide Coletti** (*Milan*)

**11.30 What you need to know for an efficient technology transfer**

**Manuela Monti** (*Meldola*)

**11.40 Selected communication 1**

**11.50 Selected Communication 2**

**12.00 General Discussion**

**12.30 Lunch**

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**13.30 - 15.00**

**POSTER SESSION**

## **THURSDAY, OCTOBER 19, 2023**

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**15.00-16.30**

### **STEM CELLS AND CANCER**

Chair: **Katia Mareschi** (*Turin*)

**Francesca Paino** (*Milan*)

**15.00 Potential use of MSC for translational clinical treatments**

**Ralf Hass** (*Hannover, Germany*)

**15.20 Malignant pleural mesothelioma: a clinical trial to test the local delivery of drug-loaded MSC**

**Giulia Stella** (*Pavia*)

**15.40 Selected communication**

**15.50 Selected communication**

**16.00 Discussion**

**16.30 Coffee Break**



**THURSDAY, OCTOBER 19, 2023**

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**17.00 - 18.30**

**STEM CELLS IN VETERINARY APPLICATIONS**

Chair: **Anna Lange Consiglio** (*Milan*)

**Silvia Dotti** (*Brescia*)

**17.00 Immune activated mesenchymal stromal cell therapy for management of drug-resistant infection**

**Steven Dow** (*Fort Collins, USA*)

**17.20 The CALIN Veterinary Regenerative Network: scientific and clinical interface for standardization of cell therapy in animals**

**Ana Ivanovska** (*Galway, Ireland*)

**17.40 Selected communication**

**17.50 Selected communication**

**18.00 Discussion**

**18.30 Assembly of the societies**

**20.00 Social dinner**

## **FRIDAY, OCTOBER 20, 2023**

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**9.00-10.30**

### **STEM CELLS IN CLINICAL APPLICATIONS**

Chair: **Antonietta Rosa Silini** (*Brescia*)

**Roberta Piva** (*Ferrara*)

**09.00 Regenerative ophthalmology**

**Diego Ponzin** (*Venice*)

**09.20 The HIPGEN phase III study - placenta derived  
stRomel cells for muscle regeneration**

**Tobias Winkler** (*Berlin, Germany*)

**09.40 Selected communication**

**09.50 Selected communication**

**10.00 Discussion**

**10.30 Coffee break**

**FRIDAY, OCTOBER 20, 2023**

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**11.00-12.30**

**ORGANOIDS AND 3D SYSTEMS**

Chair: **Lorenza Lazzari** (*Milan*)

**Francesco Alviano** (*Bologna*)

**11.00 Designing biomaterials for regenerative medicine and therapeutics**

**Molly Stevens** (*London,UK*)

**11.20 Biology-driven organ on chips and 3D tissue models to improve disease understanding and accelerate personalized therapies development**

**Silvia Scaglione** (*Genoa*)

**11.40 Selected communication**

**11.50 Selected communication**

**12.00 Discussion**

**12.30 Lunch**

## **FRIDAY, OCTOBER 20, 2023**

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**14.00 -15.30**

### **iPSC AND GENE THERAPY**

Chair: **Giovanna Piovani** (*Brescia*)

**Silvia Giliani** (*Brescia*)

**14.00 Stem cells and new gene therapy strategies**

**Alessandro Aiuti** (*Milan*)

**14.20 iPSC as model systems for neurodevelopmental  
and neurodegenerative diseases**

**Claudia Compagnucci** (*Rome*)

**14.40 Selected communication**

**14.50 Selected communication**

**15.00 Discussion**

**15.30 Awards Ceremony**

**16.00 Closing Remarks**

## **STEMNET BOARD**

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President: **Augusto Pessina** (*GISM*)

Vice-President: **Massimo Dominici** (*FIRST*)

Secretary: **Umberto Galderisi** (*SCRI*)

Members: **Francesco Alviano** (*IPLASS*)

**Lorenza Lazzari** (*FIRST*)

**Enrico Lucarelli** (*GISM*)

**Ornella Parolini** (*IPLASS*)

**Roberta Piva** (*SCRI*)

## **LOCAL ORGANIZING COMMITTEE**

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**Silvia Dotti**

**Giovanna Piovani**

**Antonietta Rosa Silini**

## **FACULTY**

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### **Alessandro Aiuti**

Pediatric Immunohematology IRCCS San Raffaele  
Scientific Institute, Vita-Salute San Raffaele University, Milan - Italy

### **Daniele Banfi**

Science journalist, Umberto Veronesi Foundation,  
gruppo GEDI (La Stampa, Repubblica), Milan - Italy

### **Paolo Bergese**

Department of Molecular and Translational Medicine,  
University of Brescia - Italy

### **Giovanni Carrada**

Science communicator and author of SuperQuark, Rome - Italy

### **Davide Coletti**

Scientifica Venture Capital, Milan - Italy

### **Claudia Compagnucci**

Molecular Genetics and Functional Genomics, Bambino Gesù  
Children's Hospital, IRCCS - Rome - Italy

### **Gabriele D'Uva**

Department of Medical and Surgical Sciences, Bologna University - Italy

### **Steven Dow**

Veterinary Medicine and Biomedical Sciences, Microbiology,  
Immunology and Pathology Department Colorado State University,  
Fort Collins (CO) - USA

### **Ralf Hass**

Department of Gynecology Hannover Medical School (MHH),  
Hannover - Germany

### **Alessandro Iapino**

Press office manager and editorial coordinator, Bambino Gesù  
Children's Hospital, IRCCS, Rome - Italy

### **Ana Ivanovska**

Regenerative Medicine Institute (REMEDI), University of Galway, Ireland

### **Cecilia Laterza**

Department of Industrial Engineering, University of Padova - Italy

**Manuela Monti**

Istituto Romagnolo per lo Studio dei Tumori IRCCS “Dino Amadori”,  
Meldola - Italy

**Luigi Nicolais**

University of Naples “Federico II” & President of Materias S.r.l.,  
Naples - Italy

**Diego Ponzin**

Veneto Eye Bank Foundation, Venice - Italy

**Silvia Scaglione**

Senior Researcher, Consiglio Nazionale delle Ricerche (CNR), Genoa - Italy

**Giulia Stella**

Department of Internal Medicine and Medical Therapeutics,  
University of Pavia Medical School - Italy

**Molly Stevens**

Department of Materials and Department of Bioengineering,  
Imperial College, London - UK

**Tobias Winkler**

Berlin Institute of Health Julius Wolff Institut  
Center for Regenerative Therapies, Charité, University of Berlin - Germany

## CALL FOR ABSTRACTS

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By submitting an abstract you accept to share your work either as a poster or oral presentation. The Scientific Committee will designate the format (oral or poster). The final acceptance decision is the exclusive right of the Scientific Committee. For the Young Investigator Awards, the abstracts will be evaluated and scored by a panel of referees according to their novelty and significance.

**Abstract submission is open! Don't miss the chance to share your research studies. DEADLINE: September 1, 2023**

Abstracts must adequately describe the objectives and results. Originality, study quality and completeness of the work will be evaluated. Submit your abstracts by email to [info@bleassociates.it](mailto:info@bleassociates.it). Please include your phone number and email address. Use "abstract\_name\_surname" as the subject of the email.

- 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 conclusions 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.
  - Save the abstract as a Word file with the following name: first name and surname of the first author (e.g. mario\_rossi.doc).

## **YOUNG INVESTIGATOR AWARD**

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GISM will assign three “Young Investigator Awards” of 500 euros each. In order to be eligible the first author of the abstract must be younger than 35 on October 18, 2023. The winner will receive the award during the Awards Ceremony. As collection on behalf of the designated winner is not allowed, failure to collect the award in person will result in disqualification from the competition. To take part in the contest, please put the Young Investigator Award acronym within brackets (YIA) before the first word of your abstract title.

## EARLY REGISTRATION: SEPTEMBER 20, 2023

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### REGISTRATION FEES

	UP TO Sept. 20	From Sept. 21
<b>GISM, FIRST, IPLASS, SCRI and AICC members</b>	<b>200 €</b>	<b>250 €</b>
<b>NOT MEMBERS</b>	<b>250 €</b>	<b>300 €</b>
<b>STUDENTS</b>	<b>130 €</b>	<b>160 €</b>
<b>ONE DAY ONLY</b>	<b>130 €</b>	<b>130 €</b>

### CANCELLATION & REFUND POLICY

In order to obtain reimbursement of delegate registration, all cancellations for the SECOND INTERNATIONAL STEMNET MEETING must be submitted in writing to the Congress Secretariat via email to: [info@bleassociates.it](mailto:info@bleassociates.it)

- Cancellations received in writing by September 20, 2023 will be refunded, with an administrative fee of € 80,00.
- Cancellations received in writing after September 20, 2023, 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, October 18 - 20, 2023

Bank account: 130961,

Bank: INTESA SANPAOLO SPA, FILIALE ACCENTRATA  
TERZO SETTORE

IBAN: IT62T0306909606100000130961

## **FOR REGISTRATION**

**[CLICK HERE](#)** to download the attendance form

Please send the attendance form and a proof of the payment by  
email to [info@bleassociates.it](mailto:info@bleassociates.it)



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