2022 GISM Annual meeting

Preliminary program

October 20-21, 2022

TORINO STARHOTEL MAJESTIC
C.so Vittorio Emanuele II, 54
SCIENTIFIC COMMITTEE

Anna Brini University of Milan, IRCCS Galeazzi Orthopedic Institute, Milan
Laura de Girolamo IRCCS Galeazzi Orthopedic Institute, Milan
Maurizio Del Bue Parma
Silvia Dotti Istituto Zooprofilattico Sperimentale della Lombardia e dell’Emilia Romagna, Brescia
Ivana Ferrero City of Health and Science, Turin
Stefano Grolli University of Parma
Andrea Grosso Basel University Hospital
Ana Ivanovska National University of Ireland, Galway
Enrico Lucarelli IRCCS Rizzoli Orthopedic institute, Bologna
Katia Mareschi University of Turin
Milena Mastrogiacomo University of Genoa
Maurizio Muraca University of Padua
Luisa Pascucci University of Perugia
Carlotta Perucca Orfei IRCCS Galeazzi Orthopedic Institute, Milan
Augusto Pessina University of Milan
Filippo Piccinini University of Bologna
Maria Luisa Torre University of Pavia

LOCAL ORGANIZING COMMITTEE

Franca Fagioli City of Health and Science, Turin
University of Turin
Ivana Ferrero City of Health and Science, Turin
Katia Mareschi University of Turin
Paola Bagnoli, Milan
Laura Barrachina Porcar, Galway (Ireland)
Domenico Bergero, Turin
Stefania Bruno, Turin
Giovanni Camussi, Turin
Stefano Cosma, Modena
Roisin Dwyer, Galway (Ireland)
Franca Fagioli, Turin
Angelo Ferrari, Turin
Ivana Ferrero, Turin
Stefano Giannotti, Siena
Andrea Grosso, Basel (Switzerland)
Maria Harmati, Szeged (Hungary)
Andrew M. Hoffman, Grafton-Massachusetts (USA)
Ana Ivanovska, Galway (Ireland)
Enrico Lucarelli, Bologna
Katia Mareschi, Turin
Milena Mastrogiacomo, Genoa
Matteo Moretti, Milan
Maurizio Muraca, Padua
Paola Occhetta, Milan
Andrea Papait, Rome
Graziella Pellegrini, Modena
Carlotta Perucca Orfei, Milan
Augusto Pessina, Milan
Filippo Piccinini, Bologna
Alessandro Rolfo, Turin
Daniela Taverna, Turin
Thursday
October 20

2022 Annual meeting
GISM

12.00 Registration

14.00 Welcome and opening of the meeting
Augusto Pessina, Franca Fagioli, Domenico Bergero, Ivana Ferrero

SESSION I
BRINGING ADVANCED THERAPIES TO THE CLINIC: TRENDS & STRATEGIES
Chair: Milena Mastrogiacomo, Ivana Ferrero

14.30 Bridging the gap in medical research on Advanced Therapy Medicinal Products: a biological, regulatory and medical experience
Graziella Pellegrini

14.50 Bridging the funding gap in medical research in Advanced Therapy Medicinal Products: a fair measurement of value creation
Stefano Cosma

15.10 My experience with MSCs in orthopedics: past, present and future
Stefano Giannotti (AOU Senese)

15.20 Oral cavity MSC phenotyping for regenerative medicine applications
Ilaria Roato (University of Turin)

15.30 Selected communication

15.40 Discussion
16.10  Coffee break
16.10  Poster session

SESSION II
GISM-NEXT GENERATION
Chair: Carlotta Perucca Orfei, Andrea Grosso

17.00  Scientific articles: how to choose the right journal taking advantage of some opportunities
Filippo Piccinini

17.15  Technology transfer and intellectual property: let’s talk to an expert
Paola Bagnoli

17.30  When ideas face reality: grants and funding sources for MSC-related research
Paola Occhetta

Round table between researchers from different institutions

18.00  GISM members assembly

18.00  Welcome dinner
SESSION III
NEW TECHNOLOGIES FOR 3D CULTURE SYSTEMS
Chair: Katia Mareschi, Alessandro Rolfo
9.00 Recapitulating musculoskeletal tissue complexity through microfluidic and bio-fabricated 3D models Matteo Moretti
9.20 Extracellular vesicle-mediated communication routes in 3D models Maria Harmati
9.40 Demonstrating method suitability for a rapid microbial detection method applicable to biological products Lucia Ceresa (Microbial Solution, Charles River)
9.50 Selected communication
10.00 Discussion
10.30 Coffee break

SESSION IV
THERAPEUTIC APPLICATIONS OF MSC-EVs IN VETERINARY AND HUMAN MEDICINE
Chair: Maurizio Muraca, Giovanni Camussi
11.00 Translational lab-to-clinic hurdles in therapy with MSC-EVs Stefania Bruno
11.20 Celector®, an instrument for quality control and standardization of ATMPs Silvia Zia (Stem Sel srl)
11.30 Discussion
11.40 Selected Poster
11.50 Selected Poster
12.00 Selected Poster
12.10 Discussion
12.20 POSTER SESSION
13.00 Lunch
14.00 Stem cell and EV trials in companion animals Andrew M. Hoffman
14.20 Discussion

**SESSION V**
ADVANCING MSC THERAPIES IN VETERINARY MEDICINE: PRESENT CHALLENGES AND FUTURE PERSPECTIVES
Chair: Ana Ivanovska, Angelo Ferrari
14.30 Instruments and reagents: latest proposal in stem cell analysis Tommaso Rondelli (Beckman Coulter)
14.40 Mesenchymal stem cells and immune properties: what have we learned for their allogeneic applications Laura Barrachina Porcar
15.10 Selected communication
15.20 Selected communication
15.30 Discussion

**SESSION VI**
MSCs: A DOUBLE-EDGED SWORD: FRIEND OR FOE IN ONCOLOGY?
Chair: Daniela Taverna, Enrico Lucarelli
16.00 MSC-EVs as delivery vehicles for tumour targeted therapy Roisin Dwyer
16.20 MSCs as immunoregulators in the tumour microenvironment Andrea Papait
16.40 Reagents to speed up molecular diagnostics Dario Foglietta (Cyanagen)
16.50 Selected communication
17.00 Discussion
17.30 Poster Award
17.45 Conclusion and closing Augusto Pessina, Ivana Ferrero
CALL FOR ABSTRACTS September 1st, 2022

By submitting your research abstract you accept that your work will be shared either as a speech or as a poster. The Scientific Committee reserves the right to choose the abstract format (oral or poster). The Abstracts will be evaluated and scored by a panel of Referees (selected by the Scientific Committee) based on their novelty and significance.

ABSTRACT SUBMISSION GUIDELINES

Abstracts must adequately describe the objectives and results. Originality, study quality and completeness of the work will be evaluated.
- 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 applies to the main body of the abstract only. Title and authors are excluded. References should not be included in the abstract. Use of standard abbreviations is preferred.
- Author/s names and surnames should be formatted in regular style: E.g.: Mario Rossi, Carla Bianchi, ...Affiliation (Regular style): E.g.: University of....., Laboratory of .....,
- Text: The abstract should be divided into 4 paragraphs:
  • OBJECTIVE: primary purpose/s of study.
  • MATERIALS AND METHODS: description of data sources, subjects, design measurements and data analysis.
  • RESULTS: summary of the main findings.
  • CONCLUSIONS: Study 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_rosi doc).
- Go to www.eventi-comunicare.it/gism to submit your abstract.

YOUNG INVESTIGATOR AWARD
GISM will assign three “Young Investigator Awards” of 500 Euro each. In order to be eligible the first author of a paper must be younger than 35 on October 20th 2022.
The winner will receive the award during the Award 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.
IMPORTANT DEADLINES
ABSTRACT SUBMISSION: September 1\textsuperscript{st}, 2022
EARLY REGISTRATION: September 20\textsuperscript{th}, 2022

REGISTRATION FEES

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FOR REGISTRATION
Go to: \texttt{www.eventi-comunicare.it/gism}
fill out the attendance form and upload the PDF with a proof of the payment.

OFFICIAL LANGUAGE
English.