



## The Joint 7th World Congress on Twin Pregnancy and 19<sup>th</sup> Congress of the International Society of Twin Studies (ISTS)

*Assisi, Perugia, Italy  
September 26<sup>th</sup> – 28<sup>th</sup>, 2024  
BV Grand Hotel Assisi, Perugia (Italy)*

**THURSDAY, SEPTEMBER 26**

### MATERNAL-FETAL MEDICINE COURSES

9.00 – 12.30

**COURSE PC1: Monitoring during pregnancy and labour**

*Coordinators: Gerry H.A. Visser, The Netherlands; Eftichia Kontopoulos, USA*

9.00 – 12.30

**COURSE PC2: Twin management in the perinatal period**

*Coordinators: Jon Barrett, Canada; Diogo Ayres de Campos, Portugal*

12.30 – 13.30

**SPECIAL SESSION: Gaps in the management and research in complicated monochorionic multiple pregnancies. A European program.**

*Coordinator: Yves Ville, France*

13.30 – 16.30

**COURSE PC3: Update on TTTS, its variations and its management**

*Coordinators: Ruben Quintero, USA; Valentina Tsibizova, Italy*

### ICOMBO WORKSHOP

13.30 – 16.30

**'Working in a multiple birth organisation (for International Council of Multiple Birth Organisations, ICOMBO members)**

*Coordinators: Carolyn Lister, New Zealand; Monica Rankin, Australia*

### ISTS WORKSHOPS

09.00 – 11.00

**ISTS WORKSHOP W1 – Twin studies in Microbiome and Health**

*Co-organizers: Chika Honda, Japan; Helga Szabo, Hungary; Rie Tomizawa, Japan; Ruth Bowyer, UK*



09.00 – 11.00

**ISTS WORKSHOP W2 – Maximizing the value of twin studies: their value for birth cohorts, developmental and ageing studies**

*Co-organizers: Dorret Boomsma, The Netherlands; Jeff Craig, Australia; Sonia Brescianini, Italy; Emanuela Medda, Italy; Adam Domonkos Tarnoki, Hungary; David Laszlo Tarnoki, Hungary; Veronika Odintsova, The Netherlands; Snezana Smederevac, Finalnd*

11.15 – 13.15

**ISTS WORKSHOP W3 – New developments in twin studies of Epigenetics**

*Co-organizers: Jordana Bell, UK; Jenny van Dongen, The Netherlands; Jeffrey M. Craig, Australia (advisor)*

11.15 – 13.15

**ISTS WORKSHOP W4 - Integrating imaging, laboratory and clinical data in twin studies**

*Co-organizers: Adam Domonkos Tarnoki, Hungary; David Laszlo Tarnoki, Hungary; Bianka Forgo, Sweden; Aliz Persely, Hungary; Ruben Quintero, USA*

13.30 – 16.00

**ISTS WORKSHOP W5 - Twin Statistics. Designs, outcomes and statistical approaches to optimize the analysis of data from twins. Register data (when zygoty is unknown). Quantitative genetic methodology for transancestry analyses**

*Co-organizers: Márton Piroska, Hungary; Levi Littvay, Hungary; Jacob Hjelmberg, Denmark; Katrina Scurrah, Australia; Liang He, Denmark; Michael C. Neale, USA; Conor Vivian Dolan, The Netherlands; Hermine H. M. Maes, USA; Karri Silventoinen, Finland*

13.30 – 16.00

**ISTS WORKSHOP W6 – Twin studies in Africa and Asia: A growing resource for multi-cohort studies**

*Co-organizers: Yoon-Mi Hur, South Korea; Athula Sumathipala, Sri Lanka; Karri Silventoinen, Finland*

16.30 – 17.30

**ISTS BOARD MEETING**

*Coordinators: Adam Domonkos Tarnoki, Hungary; David Laszlo Tarnoki, Hungary*

18.00

**Transfer by bus to Auditorium Cimabue for openings**

18.30 – 21.30

**Auditorium Cimabue, Centro Convegni Colle del Paradiso**

**OPENING CEREMONY & WELCOME RECEPTION**

*Chairpersons: Gian Carlo Di Renzo, Italy, Ruben Quintero, USA, Adam & David Tarnoki, Hungary*

**Opening lecture: “Twin studies: colleagues, controversies, case studies and current events”**

*Nancy Segal, USA*

20.30

**Choir Concert, Music Chapel, at the Papal Basilic of St Francis**

21.45

**Transfer by bus to BV Grand Hotel**



## FRIDAY, SEPTEMBER 27

### THROUGHOUT THE DAY – POSTER SESSION 1

8:30 – 9:30

**PARALLEL SESSION 1A: Assisted reproductive technologies and the epidemiology of twinning**

*Coordinators: Luca Gianaroli, Italy; Nils Lambalk, The Netherlands*

8:30 – 9:30

**PARALLEL SESSION 1B: Celebrating the achievements of successful twin registries**

*Coordinators: Dorret Boomsma, The Netherlands; Joakko Kaprio, Finland; Tim Spector, UK; Nancy L. Pedersen, Sweden  
Athula Sumathipala, Sri Lanka*

9:30 – 10:00

**KEYNOTE LECTURE: Tba**

*Roberto Romero, USA introduced by Gian Carlo Di Renzo, Italy*

**10:00 -10:30 COFFEE BREAK**

10:30 – 12:30

**PARALLEL SESSION 2A: Periconceptional aspects of multiple pregnancy**

*Coordinators: Roland Devlieger, Belgium; Lucilla Poston, UK*

10:30 – 12:30

**PARALLEL SESSION 2B: Bulmer session: Biology of Twinning and Fertility**

*Co-Chairs: Dorret Boomsma, The Netherlands; Nick Martin, Australia*

**12:30 - 13:30 LUNCH BREAK**

13:30 – 15:30

**PARALLEL SESSION 3A: Prenatal non-invasive and invasive testing**

*Coordinators: Katia Bilardo, The Netherlands; Maria del Mar Gil Mira, Spain*

13:30 – 15:30

**PARALLEL SESSION 3B: Twin studies on selected behaviors, mental health & psychological features of twinship.**

**Legal issues in psychology involving twins. New books**

*Coordinators: Nancy L. Segal, USA; Yoon-Mi Hur, South Korea; Emanuela Medda, Italy*

**15:30 - 16:00 TEA BREAK**



16:30 – 18:00

**PARALLEL SESSION 4A: Preterm birth and prematurity prevention (a PREIS School academy session)**

*Coordinators: Roberto Romero, USA; Giuseppe Rizzo, Italy*

16:30 – 18:00

**PARALLEL SESSION 4B: Twin film session (Laberinto film from Colombia)**

*Coordinators: Nancy L. Segal, USA; Gian Carlo Di Renzo, Italy; Rubin Quintero, USA*

18:00

**Happy hour lecture: is that me or my twin? Lack of self-face recognition advantage in identical twins**

*Salvatore Maria Aglioti, Italy (winner of the Ig Nobel prize)*

19:30            Transfer by bus

20.00            SOCIAL EVENT FOR ALL

## SATURDAY, SEPTEMBER 28

### THROUGHOUT THE DAY – POSTER SESSION 2

8:30 – 9:30

**PARALLEL SESSION 5A: Management of labor and delivery**

*Coordinators: Nir Melamed, Canada; Yariv Yogev, Israel*

8:30 – 9:30

**PARALLEL SESSION 5B: Twin research and personalised medicine.**

*Coordinator: Petra Zwijnenburg, The Netherlands; Dorret Boomsma, The Netherlands; Mikio Watanabe, Japan; Bianka Forgo, Sweden*

9:30 – 10:00

**KEYNOTE LECTURE: Tba introduced by David Tarnoki, Hungary**

10:00 -10:30    COFFEE BREAK

10:30 – 12:30

**PARALLEL SESSION 6A: Controversial issues in twin pregnancy**

*Coordinators: Eduard Gratacos, Greece; Kurt Hecher, Germany; Asma Khalil, UK*

10:30 – 12:30

**PARALLEL SESSION 6B:**

10:30-11:30 **New twin registries. Twin research on clinical genetics and chronic disorders**

*Coordinators: John L. Hopper, Australia; Yoon-Mi Hur, South Korea; Chika Honda, Japan; Joohon Sung, South Korea*

11:30-12:30 **Early Career Researchers session: research that will have a positive impact on the lives of multiples and/or their families**

*Coordinators: Monica Rankin, Australia; Carolyn Lister, New Zealand; Bianka Forgo, Sweden*



12:30 - 13:30 LUNCH BREAK

13:30 – 15:30

**PARALLEL SESSION 7A: Special issues 1: Monochorionic twins**

*Coordinators: Vedran Stefanovic, Finland; Ruben Quintero, USA*

13:30 – 15:30

**PARALLEL SESSION 7B: Ancestry research in twins and twin studies**

*Coordinators: Asma Khalil, UK; Athula Sumathipala, Sri Lanka; Yoon-Mi Hur, South Korea; Dorret Boomsma, The Netherlands*

15:30 - 16:00 TEA BREAK

16:30 – 18:00

**PARALLEL SESSION 8A: Special issues 2: Twins, neonatal outcome and DOHAD**

*Coordinators: Enrico Lopriore, The Netherlands; Umberto Simeoni, Switzerland*

16:30 – 18:00

**PARALLEL SESSION 8B: Joint session ISTS/Maternal-fetal medicine/ICOMBO: Exploring opportunities for the multiples and research communities to work together for mutual benefit**

*Coordinators: Asma Khalil, UK; Monica Rankin, Australia; Carolyn Lister, New Zealand; Jeffrey M. Craig, Australia*

18.00 CLOSING CEREMONY

#### ISTS AWARD PRESENTATIONS

- The Shields Award
- The Gedda Prize for best student poster
- The Galton Prize for best student presentation
- ICOMBO Early career researcher prize