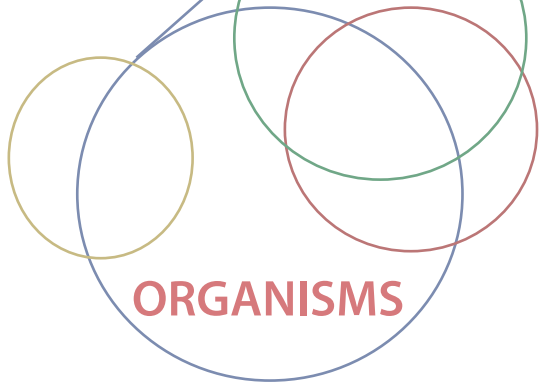


Wednesday 25 – Friday 27, October 2017

WHERE ARE THE BIOLOGICAL SCIENCES GOING?



<http://ls-institute.org/rome-meeting-2017/>



Honorary presidents of the Meeting: Carlos Sonnenschein, Ana Soto

Organizing Committee: Systems Biology Group Lab, Sapienza University, Rome, Italy

Mariano Bizzarri, Marta Bertolaso, Alessandro Giuliani

Conference secretariat: Simona Dinicola, Sara Proietti, Virginia Todde, Maria Grazia Masiello, Andrea Pensotti, Salome Espinola, Gabriella Rosati

Location: Pontifical Urbaniana University, Rome (via Urbano VIII, n. 16, Roma)

Under the Patronage of: Sapienza University, Rome



SAPIENZA
UNIVERSITÀ DI ROMA

Wednesday 25 October

08.30 Welcoming addresses:

- Leonardo Sileo – Pontifical Urbaniana University, Rector
- Eugenio Gaudio – Sapienza University, Rector
- Mariano Bizzarri – Sapienza University: Rethinking Science

09.00 – 11.00 Session I – State of the art in biology

Chairpersons: Y. Soen and Y. Lazebnik

Manfred Drack: Organisms versus machines: the role of reductionism

Erez Braun: Universality, complexity and the praxis of biology

10.00 - 11.00 Discussion

11.00 - 11.30 Coffee break

11.30 Session II - On living organisms: a foundational perspective

Chairpersons: S. Koutrofinis and I. Licata

- Raphael Vicuña: Current thoughts on the origin of the organismic life

12.00 - 12.30 Discussion

12.30 – 13.30 Light Lunch

13.30 – 15.00 Session III – Short Communications

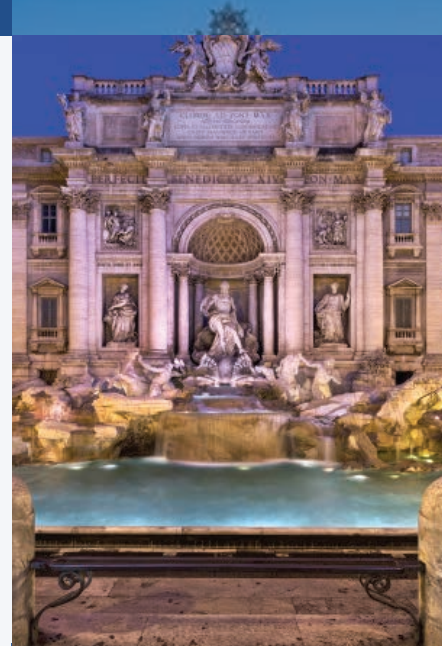
Chairpersons: R. Taramelli and A. Colosimo

A. Laffranchi – N. Cherdyntseva – O. Naimark – C. Rauch – R. Taramelli – J. Brabek

A. Pensotti – G. Gorga

15.00 - 18.30 Visit to Fori Imperiali (Christine Balzamonti – Tour Guide)

19.00 – 21.30 Social Dinner*, Ristorante "Crispi 19" – Piazza di Spagna



Thursday 26 October:

8.30 -13.00 Session IV – On living organisms: a foundational perspective

Chairpersons: E. Jablonka and O. Naimark

- Giuseppe Longo: Emergence and reduction in physics and biology

- Olaf Wolkenhauer: Where are the biological sciences heading? Not in my direction

- Ana Soto: From the century of the genome to the century of the organism: New theoretical approaches



10.00 - 10.40 Discussion

10.40 - 11.00 Coffee break

11.00 - 12.00

Scott Gilbert: A Biology of Relationships and Composite Individuals

Silvia Caianello Robustness and Organismic Levels

14.45 – 17.00 Session V – The meaning of Systems Biology

Chairpersons: M. Montévil and R. Negri

Kumar Selvarajoo: Microscopic and Macroscopic Insights from Dynamic Cell Behavior

Lilia Alberghina: Complex biological functions: Systems Biology approach

15.45 – 17.00 Discussion

19.00 – 20.45 Light Dinner* (Piazza Navona, Ristorante Solo Pasta", "Only Pasta")

Friday 27 October:

08.30 -10.30 Session VI – Re-thinking carcinogenesis from an organismic perspective

Chairpersons: S. Filippi and B. Rosslénbroich

Fojo T. Antonio: A pervasive me-too

Carlos Sonnenschein: Crisis in biology. Its impact on development and carcinogenesis

09.30 -10.00 Discussion

10.00 -10.30 Coffee break

10.30 – 11.30 Session VII - Epistemological aspects of integrative biology

Chairpersons: A. Paldi and M. Mossio

Alessandro Giuliani: Where to look for interesting biological facts

Marta Bertolaso Biological Complexity and Scientific Practice in Cancer Research

11.30 - 12.00 Discussion

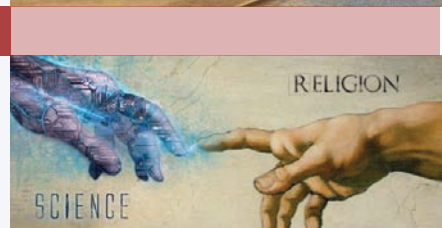
12.00 - Concluding remarks – Carlos Sonnenschein and Ana Soto

Thursday 26 October:

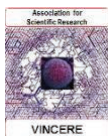
17.45 – 19.15 SATELLITE SYMPOSIUM: Listening to one another: why theologians and scientists should engage in a fruitful conversation.

Lecture: G. Tanzella-Nitti.

Discussants: Scott F. Gilbert, Y. Lazebnik, N. Cherdynytseva, A. Giuliani. Chairperson: P. Ramellini



Organized by: **VINCERE** association for Scientific Research, and **ORGANISMS** Journal of Biological Sciences



*Light and Social Dinner are reserved to invited speakers and chairpersons

Organization and accommodation: CG MKT, Via Cassia 1110, 00189 Roma. Tel. 06-30090020, fax 06-30360133, congressi@cgmk.it - www.cgmk.it

