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. Pensotti – G. Gorga

15.00 - 18.30 Visit to Fori Imperiali (Christine Balzamont – 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 Selvarajaj: 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. Rossenbroich
Foji 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 Bertoloso 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.

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