100 YEARS OF GENOME RESEARCH:  
FUTURE PERSPECTIVES FOR HUMAN AND PLANET HEALTH

13 September, Naples

VILLA COMUNALE – STAZIONE ZOOLOGICA ANTON DOHRN
FOR BOOKING A SEAT OR GET A LINK VIA ZOOM PLEASE WRITE WITH THE OBJECT 
- "100 YEARS OF GENOME"
residenza@zsn.it

THEME: 100 years of important findings from the definition of "Genome"

9.30 Welcome Coffee

10.00 Opening greetings
Roberto Danovaro – President of the Stazione Zoologica Anton Dohrn
Corrado de Concini – President of the Accademia Nazionale delle Scienze detta dei XL

10.30 Morning sessions: Massimo Milone and Max Mizzau Perczel Introduce and moderate

Invited Talks:
10.30 Christiane Groeben (SZN Associate) / Fabio De Sio ‘The man who coined the term “genome”: Hans Winkler’
10.40 Francesco Salvatore (Member of the Accademia Nazionale delle Scienze detta dei XL) ‘The balance between genome and environment to achieve the longevity dividend’
11.00 Takashi Gojobori (Member of the Pontifical Academy of Sciences) ‘Toward the Global Genome Project - Continuation of the Isochore Story’
11,20 Chris Bowler (Ecole Normale Supérieure, Parigi) ‘The Ocean Genome’ (WEBINAR)
11.40 Valerio Zupo / Maria Costantini (Stazione Zoologica Anton Dohrn) ‘Genomic approaches for marine biotechnology applications: a study case on cell death issues’
12.00 Giacomo Bernardi (University of California Santa Cruz) ‘Red Sea fishes in the Mediterranean: the genomics of Lessepsian bioinvaders’
12.20 Frank Oliver Glöckner (Max-Planck-Institut, Germany) ‘MOSAiC expedition to the Arctic’ (WEBINAR)

Public discussion (with planned interventions)
12.40 Chairs / Moderators Julie Maxton (Director Royal Society) and Giacomo Bernardi (University of California Santa Cruz)

13.00 Buffet

14.30 Award ceremony “Premio Fasolo for young Researchers”
Paola Bonfante (Accademia dei Lincei) and Roberto Danovaro (Stazione Zoologica Anton Dohrn) confer the prize
15.00 Afternoon sessions: Giacomo Bernardi introduces and moderates

Invited Talks:
15.00 Génevieve Fourel (Ecole Normale Supérieure de Lyon, Lyon, France) ‘What S.cerevisiae whispered to my soul about genome organization in human’
15.20 Raphael Mourad (University of Toulouse III, France) ‘Genomic and evolutionary analyses reveal that DNA encodes CTCF loop extrusion’
15.40 Stelios Arhondakis (Bioinformatics and Computational Science, Chaniá, Greece) ‘In the quest of Isochores Transcriptional Patterns during Biological Processes’

16.00 Coffee Break

16.30 Oliver Clay (Universidad del Rosario, Bogotá, Colombia) ‘Using haplotype views to explore human trait-associated loci: some examples’
16.50 Hector Musto (University of Montevideo, Uruguay) ‘How many factors do affect codon usage?’ (WEBINAR)
17.10 Fernando Alvarez Valin (University of Montevideo, Uruguay) ‘Mitochondrial genomes of trypanosomes: multiple independent processes of adaptation to live without oxidative phosphorylation’ (WEBINAR)

17.30 Round Table "The state of research on the Genome in Italy and in the world"

Chair and Moderator Francesco Salvatore
Invited intervention: Paolo Vineis and the winner of the Premio Fasolo
Debate open to scientists, present or connected

18.15 Commemorative event for Gaetano (Nino) Salvatore – Prof. Guido Trombetti (presented by Francesco Salvatore) - Ceremony of the Court of the Stazione Zoologica Anton Dohrn

Commemorative event for Prof. Giorgio Bernardi – Giacomo Bernardi (brief talk of Maria Costantini on the most important results achieved by prof. Bernardi) and Roberto Danovaro - Ceremony of the Multifunctional Room of the Darwin Dohrn Museum

20.00 Dinner @ Ristorante Umberto (meeting point Hotel Majestic)

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14 September Naples/Rome

10.00 Open day and lunch

15.00 Transfer to Rome from SZN

20.00 Social Dinner in Rome

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## 100 YEARS OF GENOME RESEARCH:

**FUTURE PERSPECTIVES FOR HUMAN AND PLANET HEALTH**

**15 September, Rome**

**Zoom event**  
Live from the Library of the Accademia Nazionale delle Scienze detta dei XL  
(Scuderie Vecchie di Villa Torlonia, Via L. Spallanzani 1/A)  

FOR BOOKING VIA ZOOM WRITE WITH OBJECT - "100 YEARS OF GENOME" TO:  
[secreteria@accademialxl.it](mailto:secreteria@accademialxl.it)

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| 10.00 | **Opening greetings**  
Corrado De Concini, President of the Accademia Nazionale delle Scienze detta dei XL  
Roberto Danovaro President of the Stazione Zoologica Anton Dohrn  
Roberto Speranza Minister of Health TBC |
| 11.00 | **Morning sessions: Max Mizzau Perczel** and **Massimo Milone** moderate  
Cecilia Saccone (Member of the National Academy of Sciences known as the XL) ‘The mitochondrial genome: still neglected after more than 50 years since its discovery’ - ‘The mitochondrial genetic system: implications and applications’  
Takashi Gojobori (Member of the Pontifical Academy of Sciences) ‘What is the Genomic Information Society?’  
Paolo Vineis (Imperial College London) “Gene-environment interactions” |
| 13.30 | **Conclusions** |

### Public Debate  
(moderated by Giovanni Caprara, President of Italian Scientific Journalists)
- Award ceremony for Italian Young Researchers  
  Prof. Corrado De Concini (President of the Accademia Nazionale delle Scienze detta dei XL) awards the prize
ORGANIZING COMMITTEE

- Stazione Zoologica Anton Dohrn (Naples)

Prof. Roberto Danovaro (SZN)
Dr. Maria Costantini (SZN)
Dr. Margherita Groeben (SZN)

- Accademia Nazionale delle Scienze detta dei XL (Rome)

Prof. Annibale Mottana
Prof. Corrado De Concini
Dr. Giulia Trimani