

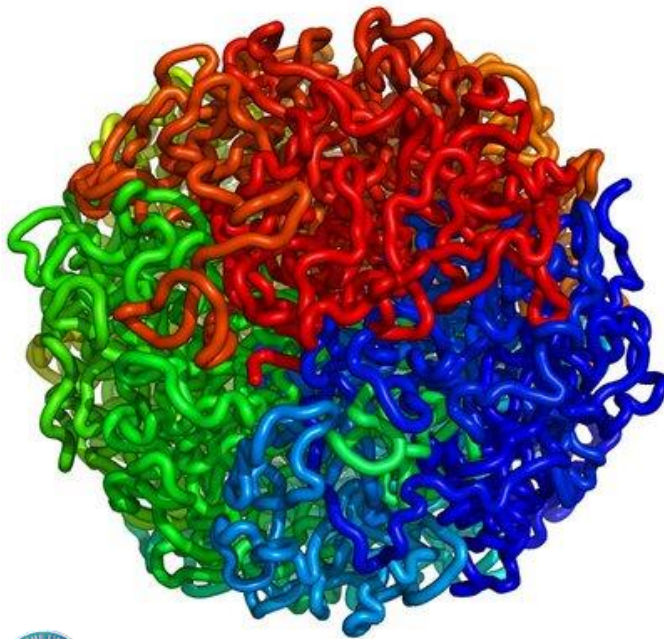
## EUROLIFE WINTER SCHOOL

# STRUCTURE AND FUNCTION OF GENOMES IN HOMEOSTASIS AND DISEASE

[www.eurolifeuniversities.org](http://www.eurolifeuniversities.org)

16-21 December 2018

Obergurgl, AUSTRIA



MEDIZINISCHE  
UNIVERSITÄT  
INNSBRUCK

UNIVERSITÄTSMEDIZIN  
GÖTTINGEN UMG



### About

*This winter school aims at familiarising students with the state-of-the-art in the studies of genomic organization and cellular function. Join us and learn about the new technologies, new challenges, and new insight into the structure-to-function relationship of genomes.*

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## THEME SUMMARY

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*IT IS NOW WELL ACCEPTED THAT OUR GENOME IS MUCH MORE THAN A PASSIVE, ONE-DIMENSIONAL, STORAGE UNIT OF GENETIC INFORMATION AND THIS FIELD OF STUDY IS RAPIDLY EVOLVING. NEW TECHNOLOGIES, NEW CHALLENGES, AND NEW INSIGHTS INTO THE STRUCTURE-TO-FUNCTION RELATIONSHIP OF GENOMES EMERGE EVERY DAY.*

*Join us to debate ON THE SIGNIFICANCE OF CHROMATIN TOPOLOGY IN HOMEOSTASIS AND DISEASE, THE MECHANISTIC BASIS OF CHROMATIN LOOPING AND SPATIAL COMMUNICATION BETWEEN REGULATORY ELEMENTS AND GENES, AS WELL AS RECENT TECHNOLOGICAL AND INTERDISCIPLINARY APPROACHES FOR FURTHER DISSECTING HIGHER-ORDER GENOMIC ARCHITECTURE AND ITS EFFECT ON CELLULAR FUNCTIONS.*

CLICK ON THE LINK BELOW FOR THE FULL *program* OF THE EVENT:

<http://eurolifeuniversities.org/wp-content/uploads/2018/08/Program.pdf>

*\*Please note the Program is still in the drafting stage.*

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## SPEAKERS

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*THIS WINTER SCHOOL BRINGS TOGETHER ESTABLISHED AND YOUNGER EXPERTS ON CHROMOSOME CONFORMATION AND FUNCTIONAL REGULATION. THE SPEAKERS WERE SELECTED ON THE BASIS OF THEIR CONTRIBUTIONS TO THE FIELD, AND COVER A BROAD SPECTRUM OF RESEARCH INTERESTS AND DIRECTIONS, FROM DNA DAMAGE AND GENE REGULATION TO CUTTING-EDGE GENOMICS AND COMPUTATIONAL MODELING OF CHROMOSOMES.*

*Adrian Bracken, Dublin, IRL    Alexandra Lusser, Innsbruck, AUT    Anita Göndör, Stockholm, SE*

*Haico van Attikum, Leiden, NL    Jörn Walter, Saarbrücken, DE    Davide Marenduzzo, Edinburgh, UK  
Nick Gilbert, Edinburgh, UK    Tom Sexton, Strasbourg, FR    Leo Kurian, Cologne, DE*

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## COURSE COORDINATORS

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*ARGYRIS PAPANTONIS, UNIVERSITY MEDICAL CENTER GÖTTINGEN, GERMANY*

*EVIE SOUTOGLOU, UNIVERSITY OF STRASBOURG, FRANCE*

*ZLATKO TRAJANOSKI, MEDICAL UNIVERSITY OF INNSBRUCK, AUSTRIA*

*CO-COORDINATOR: STEVEN JOHNSEN, UNIVERSITY MEDICAL CENTER GÖTTINGEN, GERMANY*

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## **PARTICIPANT'S PROFILE**

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*THE COURSE WELCOMES MSc AND PhD STUDENTS FROM THE MEDICAL, BIOMEDICAL, PHARMACOLOGICAL, BIOTECHNOLOGICAL AND LIFE SCIENCES, PREFERABLY WITH A BACKGROUND IN MOLECULAR BIOLOGY, CELL BIOLOGY AND GENETICS/GENOMICS. PROFICIENCY IN WRITTEN AND SPOKEN ENGLISH IS REQUIRED.*

*CANDIDATES FROM EUROLIFE PARTNER INSTITUTIONS ARE ESPECIALLY ENCOURAGED TO APPLY. THE COORDINATOR WILL FUND 27 GRANTS TOWARDS THIS GROUP (3 PLACEMENTS PER PARTNER INSTITUTION).*

*IN ADDITION, THE ORGANISERS ASSIGN 19 FURTHER PLACEMENTS TO CANDIDATES FROM NON-EUROLIFE PARTNER INSTITUTIONS (NOT FUNDED).*

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## **APPLICATION**

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*REQUIRED DOCUMENTS: APPLICATION FORM, CV AND MOTIVATION LETTER (200-300 WORDS EXPLAINING THE PREDICTED IMPACT OF THE PARTICIPATION ON THE CANDIDATE'S ACADEMIC/PROFESSIONAL CAREER).*

*CANDIDATES SHOULD COMPLETE THE APPLICATION FORM AND TOGETHER WITH THE ANNEXED DOCUMENTS, SUBMIT THE **ZIP FILE** TO THE EUROLIFE GENERAL COORDINATOR (EUROLIFE@MED.UNI-GOETTINGEN.DE).*

*PLEASE INDICATE THE NAME OF YOUR HOME UNIVERSITY, SURNAME AND FIRST NAME IN THE TITLE OF THE **ZIP FILE**.*

*CLICK ON THE LINK BELOW FOR THE APPLICATION FORM:*

<http://eurolifeuniversities.org/wp-content/uploads/2018/09/Application-form.doc>

*DEADLINE FOR APPLICATIONS: 17:00 (CET) 12<sup>TH</sup> OCTOBER 2018*

*SUCCESSFUL APPLICANTS WILL BE NOTIFIED BY 30<sup>TH</sup> OCTOBER 2018*

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## **PARTICIPATION FEES**

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- ❖ FREE FOR SELECTED STUDENTS FROM EUROLIFE CONSORTIUM INSTITUTIONS NOMINATED FOR THE EUROLIFE WINTER SCHOOL GRANT (27 GRANTS AVAILABLE)*
- ❖ 760 EUR FOR SELECTED STUDENTS WITHOUT THE EUROLIFE GRANT.*

*\* Please note that all students are expected to organise and fund their own travel to-and-from the event.*

