Symposium
June 7th & 8th 2018

Keynote Speaker
Jules Hoff mann, IBMC, Strasbourg, FR

CELL & DEVELOPMENTAL BIOLOGY

Daniel Durocher, University of Toronto, CA
Nick Hastie, MRC Edinburgh, UK
Hervé Chneiweiss, IBPS, Paris, FR
Martine Simonelig, IGH, Montpellier, FR

CHROMATIN & EPIGENETICS

Kristian Helin, BRIC, Copenhagen, DK
Geneviève Almouzni, Institut Curie, Paris, FR
Rob Martienssen, CSHL, New York, US
Bernard de Massy, IGH, Montpellier, FR
Marcel Méchali, IGH, Montpellier, FR

NUCLEAR ORGANIZATION

Wendy Bickmore, MRC, Edinburgh, UK
Tom Misteli, NCI, NIH, Bethesda, US
Amos Tanay, Weizmann Institute, Rehovot, IL
Giacomo Cavalli, IGH, Montpellier, FR

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1998 - 2018

I G H

The Institute of Human Genetics

celebrates its

20 YEARS

June 7th & 8th 2018

Faculty of Medicine
Campus Biologie-Santé
Arnaud de Villeneuve
Montpellier
France

Institute of Human Genetics

The Institute of Human Genetics celebrates its 20th anniversary. Twenty years of a successful human and scientific adventure. 1998 marked the end of the construction of the Institute and the establishment of all groups.
Thereupon, IGH took off and ten years later, the Institute had become an organized workplace with a friendly, supportive and inspiring scientific environment. Today, after 20 years of existence, IGH has attained full maturity and it shows remarkable achievements. Our engagement for the coming years is to consolidate, maintain and improve our strengths and to create bridges between IGH, clinicians and industry enabling the practical application of our discoveries.
The success of the IGH is the outcome of a collective effort. I would like to warmly thank the 5 successive directors, but also all groups, researchers, scientific technicians and engineers, PhD students and postdocs as well as the technological facilities and administrative staff, who made this possible.
Lastly, we are extremely glad to welcome on this occasion 14 outstanding scientists for a series of communications. We thank them most heartily.

Happy IGH 20th anniversary to all of you.

Monsef Benkirane,
Director.

The Institute

The Institute of Human Genetics (IGH) is a CNRS – University of Montpellier joint research unit (UMR9002). From its very beginning, it has excelled in biological research, from the most fundamental aspects to the understanding of human pathologies. The main research axes focus on the genome and dynamics of chromatin, developmental genetics and cell and molecular pathologies.

IGH belongs to the Arnaud de Villeneuve Campus in Montpellier. It enjoys a world-class scientific environment with top-notch technological facilities and equipment, as well as very strong interactions between academic, industrial and health actors.

220 researchers, students, engineers, technicians

22 research groups

1658 scientific publications

erc 8 ERC grantees

Research at IGH
3 scientific departments

Molecular Bases of Human Diseases

We investigate 2 main research axes:
- The molecular crosstalk between DNA damage response, chronic inflammation and cancer.
- HIV biology and its interaction with the immune system.

Lastly, the Department is also home to IMGT®, the international ImMunoGeneTics information system®.

Genome Dynamics

Our research aims at understanding genome organization and function. Four models are studied: Drosophila melanogaster, *Xenopus Laevis*, *Mus musculus* and human cells.
The groups within our Department study DNA replication and recombination, chromosome segregation, transposition, transcription, RNA splicing, chromatin structure and chromosome organization.

Genetics and Development

We are interested in various aspects of developmental genetics, from the establishment of cell polarity in the egg and the development of gonad, to muscle differentiation, the formation of an extremely complex structure such as the adult brain or the role of the Tubulin code and of small RNAs. We mainly use *Tetrahymena*, *Drosophila* and mice models.