

HBIGS Winter School “Molecular Mechanisms in Mitosis”

The HBIGS Winter School is aimed to PhD students interested in the molecular mechanisms governing mitosis. We will explore fundamental open questions in the field, including the roles of the signalling cascades in the segregation of subcellular components, the mechanisms and temporal control of molecular machines during mitosis, how asymmetry of stem cell divisions is modulated, and how misregulation of these processes lead to loss of cellular hierarchy and chromosome instability, which are hallmarks of several diseases, including cancer.

The goal of the Winter School is to bring together an interactive community with a shared interest in cell division to explore the latest developments and emerging methods in the field. We will select a small group of PhD students to foster productive interaction and discussion between scientists at different career stages. Thus, attendees are expected to participate in the discussions, and present their own research via posters or short talks.

Applicants should provide a motivation letter explaining their research interests, and why they think the Winter School can benefit them. Selected applicants will not be charged any fee for attending the school.

Application: [Online application](#) is possible until **January 15th, 2019**.

Date and Venue

4th-7th February 2019, Marsilius-Kolleg of Heidelberg University, Germany

Scientific Coordinators

- [Sergio P. Acebrón](#) (Centre for Organismal Studies, Heidelberg University)
- [Gislene Pereira](#) (Centre for Organismal Studies, Heidelberg University)

Programme and Speakers

- [Adrian T. Saurin](#) (University of Dundee)
- [Anna Schlaitz](#) (Heidelberg University)
- [Elmar Schiebel](#) (Heidelberg University)
- [Frauke Melchior](#) (Heidelberg University)
- [Gislene Pereira](#) (Heidelberg University)
- [Gohta Goshima](#) (Nagoya University)
- [Ingrid Lohmann](#) (Heidelberg University)
- [Isabelle Vernos](#) (CRG, Barcelona)
- [Jan Ellenberg](#) (EMBL, Heidelberg)
- [Judith Paridaen](#) (European Research Institute for the Biology of Ageing, Groningen)
- [Marina Mapelli](#) (European Institute of Oncology, Milan)
- [Oliver Größ](#) (Bonn University)
- [Renata Basto](#) (Institute Curie, Paris)
- [Sergio P. Acebrón](#) (Heidelberg University)
- [Simone Reber](#) (Humboldt Berlin University)
- [Susana Godinho](#) (Barts Cancer Institute, Queen Mary University of London)
- [Sylvia Erhardt](#) (Heidelberg University)
- [Thomas Worzfeld](#) (Marburg University)

	Monday 4th February		Tuesday 5th February		Wednesday 6th February		Thursday 7th February
		9:00 - 11:00	Cell signalling & Mitosis I	9:00 - 11:00	Mechanisms in asymmetric cell division I	9:00 - 11:00	Emerging methods to investigate mitosis I
11:00 - 13:00	Registration	11:00 - 11:30	Coffee Break	11:00 - 11:30	Coffee Break	11:00 - 11:30	Coffee Break
		11:30 - 12:30	Cell signalling & Mitosis II	11:30 - 12:30	Mechanisms in asymmetric cell division II	11:30 - 12:30	Emerging methods to investigate mitosis II & closing remarks
13:00 - 15:30	Welcome + Molecular machines during mitosis I	12:30 - 14:00	Lunch	12:30 - 14:00	Lunch		
15:30 - 16:00	Coffee Break	14:00 - 15:00	Cell signalling & Mitosis III	14:00 - 16:00	Misregulation of mitosis and disease I		
16:00 - 18:00	Molecular machines during mitosis II	15:00 - 19:00	Poster session	16:00 - 16:30	Coffee Break		
18:00 -	Speaker's dinner in town			16:30 - 18:30	Misregulation of mitosis and disease II		
		19:00 -	Free evening	18:30 -	Get together		

Contact

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