

Kick-off meeting "SPP Genome architecture"

Venue: Harnack House – The Conference Venue of the Max Planck Society
 Ihnestr. 16 - 20
 14195 Berlin

Date: Tuesday, June 11th – Wednesday, June 12th 2019

Time: June 11th 10:00 am – 06:00 pm
 June 12th 09:00 am – 03:00 pm

Program - June 11th		
Start	Title	Speaker / Meeting room
10.00 – 10.30	Arrival and Registration / Poster exhibition / coffee	Meitner Hall 2
10.30 – 10.45	Opening Introduction - Welcome	Meitner Hall 1 Stefan Mundlos
10.45 – 11.15	3D chromatin organisation in direct neuronal reprogramming – re-shaping the nucleus to mold new neurons	Boyan Bonev
11.15 – 11.45	Regulation of mammalian genome architecture and mobility	Maria Cristina Cardoso / Karl Rohr
11.45 – 12.15	Assessing the Function and Dynamics of Spatial Genome Architecture during Embryogenesis	Eileen Furlong
12.15 – 12.45	Understanding how changes in spatial chromatin organization cause defective gene expression in acute myeloid leukemia with cohesin mutations	Claudia Gebhard
12.45 – 13.45	Lunch	Restaurant
13.45 – 14.15	Single molecule imaging of architectural proteins during zebrafish embryo development	Christof Gebhardt
14.15 – 14.45	Measuring genome organization during stem cell differentiation with super-resolution microscopy	Hartmann Harz / Heinrich Leonhardt
14.45 – 15.15	Nuclear landscape of HIV-1 integration in microglia - unexplored HIV-1 reservoirs	Carl Herrmann / Marina Lusic
15.15 – 15.45	Structuring the genome through phase-separated transcriptional condensates	Denes Hnisz
15.45 – 16.15	Coffee break	Meitner Hall 2
16.15 – 17.00	Determining TADs as conserved regulatory units in vertebrate heart development	Daniel Murad Ibrahim

17.00 – 17.30	Evolution of 3D chromatin architecture: The role of CTCF across taxa	Darío Jesús Lupiáñez Garcia / Robert Patrick Zinzen
17.30 – 18.00	Modification of 3D genome architecture and gene expression at the Fgf8 locus by transposable elements and structural variations	Stefan Mundlos
19.00	<i>Dinner</i>	<i>Luise Dahlem Königin-Luise-Straße 40 - 42 14195 Berlin</i>
Program - June 12th		
Start	Title	Speaker / Meeting room
09.00 – 09.30	Exploring the contribution of transcription to native chromatin looping and genome conformation	<i>Meitner Hall 1</i> Argyris Papantonis
09.30 – 10.00	Cell-state specific 3D genome architecture in heterogeneous cell populations of the brain	Ana Pombo
10.00 – 10.30	Dissecting the role of chromosome genome organization in chromosome fragility and the formation of leukemia driving translocations	Vasilis Roukos
10.30 – 11.00	<i>Coffee break</i>	<i>Meitner Hall 2</i>
11.00 – 11.30	Spatial organization of transcribed genes in mammalian cells	Irina Solovei
11.30 - 12.00	Position effects in the 3D genome as the cause of neurodevelopmental disorders	Malte Spielmann
12.00 – 12.30	Functional Characterization and Heterogeneity of the DLBCL and AML 3D Genomes	Juan Vaquerizas
12.30 – 13.00	From fibers to the sea of nucleosomes: Computer simulations of the regulation of the spatial structure of Mbp chromatin domains in the nucleus	Gero Wedemann
13.00 – 14.00	<i>Lunch</i>	<i>Restaurant</i>
14.00 – 14.30	Conclusive remarks and Diskussion	Stefan Mundlos

Directions - How to get to the Harnack-Haus

The Harnack-Haus and the guest house are located on Ihnestraße in Berlin Dahlem near Clayallee. They are only 50 meters away from each other. Both houses provide sufficient car park for those who choose to arrive by their own car.

Start at airport Tegel (18 km)



... use bus 109 towards Zoologischer Garten. Change at Jakob-Kaiser-Platz for underground line U7 towards Rudow to Fehrbelliner Platz. There change for underground line U3 towards Krumme Lanke to the station Freie Universität (Thielplatz). Leave the underground station by walking to the direction of travel and by using the left exit. The Harnack House is 100 meters away on the right side.

Start at airport Berlin Schoenefeld (25 km)

... use bus 171 to underground station Rudow. There change for underground line U7 towards Rathaus Spandau to Fehrbelliner Platz. Then change for underground line U3 towards Krumme Lanke to the station Freie Universität (Thielplatz). Leave the underground station by walking to the direction of travel and by using the left exit. The Harnack House is 100 meters away on the right side.

Start at Berlin's Central Station Hauptbahnhof (15 km)

... use the S-Bahn city train S7 towards Potsdam Hauptbahnhof to Zoologischer Garten. There change for underground line U9 towards Rathaus Steglitz to Spichernstraße. Then change for underground line U3 towards Krumme Lanke to the station Freie Universität (Thielplatz). Leave the underground station by walking to the direction of travel and by using the left exit. The Harnack House is 100 meters away on the right side.

Start at train station Südkreuz (9 km)

... use the S-Bahn city train S41 Ringbahn (only selected trains) to Heidelberger Platz. There change for underground line U3 towards Krumme Lanke to the station Freie Universität (Thielplatz). Leave the underground station by walking to the direction of travel and by using the left exit. The Harnack House is 100 m away on the right side.

Accessible

...from Zoologischer Garten by bus 110 direction Oskar-Helene-Heim. Leave the bus at station Bitscher Straße. Here cross the street at the traffic lights. At the corner Brümmerstr./Ihnestr. is the Harnack House.

Arrival by car

If you arrive via highway A 115 take exit Hüttenweg number 2, turn right towards Dahlem until you reach the corner of Clayallee. Then turn right and at the next crossroads turn left to Saargemünder Straße. A short time afterwards, you reach the Harnack House at the corner of Ihnestraße.