

Christian Doppler Laboratory for Chemical Epigenetics and Antiinfectives

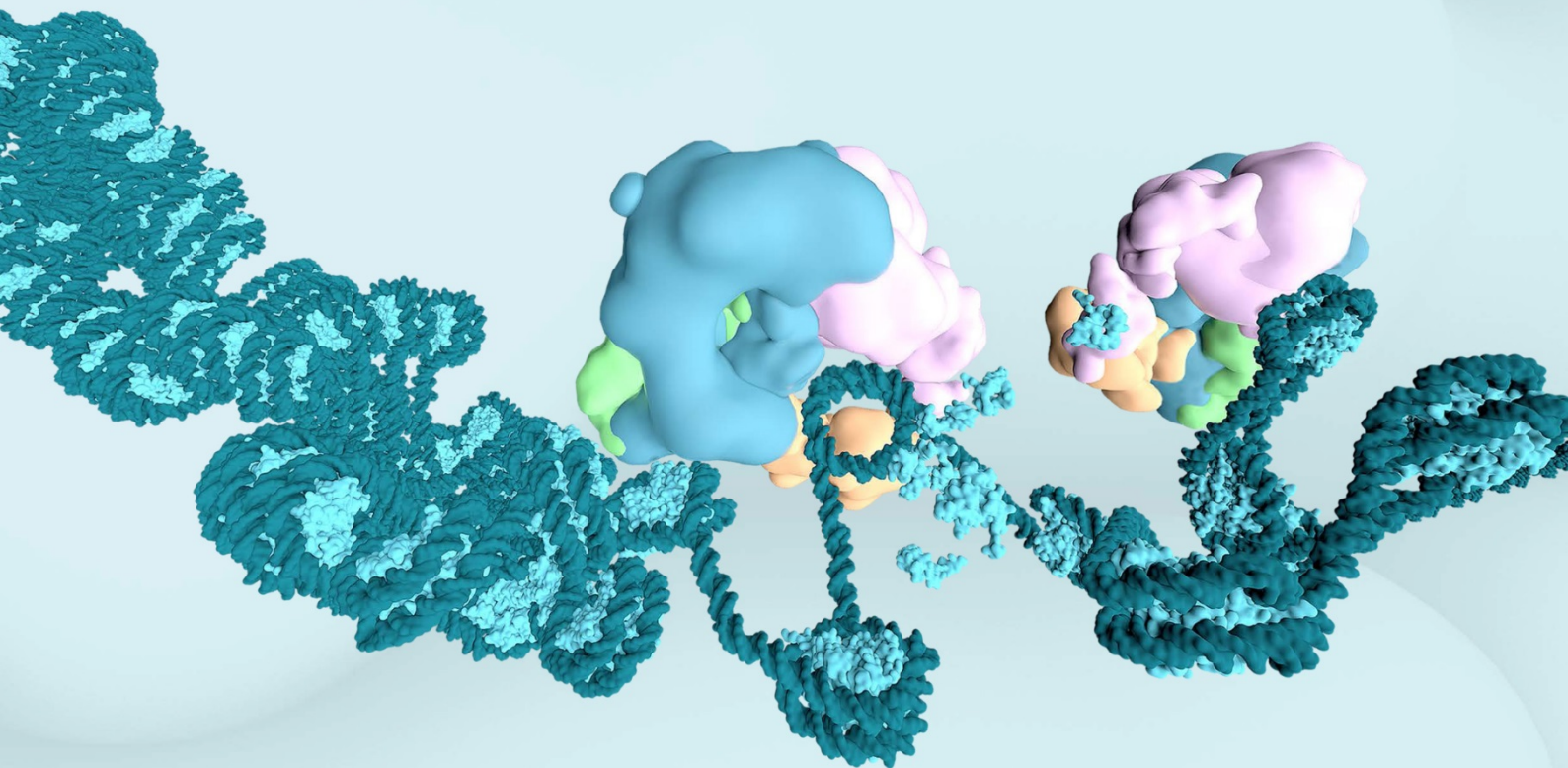
FINAL SYMPOSIUM

FROM UNDERSTANDING CHROMATIN DYNAMICS TO THERAPEUTIC TARGETING

Time: January 15 - 17, 2020

Location: CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences, Vienna, Austria

Organizers: Stefan Kubicek, Sandra Schick, Simon Wöhrle



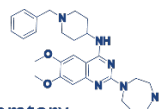
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Wednesday, January 15, 2020

- 16.00 Registration
- 17.00 Welcome and Opening
- 17.15 Sandra Schick (CeMM), Stefan Kubicek (CeMM)
The Christian Doppler Laboratory for Chemical Epigenetics and Antiinfectives
Seven years of scientific innovation in application-oriented basic research
- 17.30 Keynote Lecture**
Bradley R. Cairns (HHMI, University of Utah)
- 18.30 Reception at CeMM



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Thursday, January 16, 2020

From complex composition to chromatin dynamics

- 9.00 Tom Owen-Hughes (University of Dundee, Dundee)
Selective enhancer decommissioning following acute depletion of the ARID1A subunit of mammalian SWI/SNF complexes.
- 9.45 Sandra Schick (CeMM, Vienna)
Chromatin dynamics after BAF complex perturbation
- 10.30 Coffee Break
- 11.00 Benjamin Stanton (Ohio State University, Columbus)
New insights into altered epigenetic regulation and architecture: studies of chromatin remodeling in cancer
- 11.45 Felix R. Wagner (Max Planck Institute for Biophysical Chemistry, Göttingen)
Structure of SWI/SNF chromatin remodeller RSC bound to a nucleosome
- 12.30 Lunch

Targeting the BAF complex

- 14.00 Simon Wöhrle (Boehringer Ingelheim, Vienna)
Targeting BAF complex vulnerabilities in cancer with SMARCA2 PROTACs
- 14.45 Laura Díaz Sáez (SCG Oxford)
First crystal structure of inhibitor-bound BRD7 and mechanistic investigations on target engagement of BRD7/9 chemical probes
- 15.15 Coffee Break
- 15.45 Stefan Knapp (Goethe-University Frankfurt)
Targeting acetyl-lysine reader domains in BAF

Targeting host factors of infectious disease

- 16.30 Wolfgang Fischl (Haplogen)

Friday, January 17, 2020

The role of BAF complexes in development and disease

- 9.00 Dirk Schübeler (Friedrich Miescher Institute for Biomedical Research, Basel)
Finding your place: transcription factors as sensors and modifiers of chromatin
- 9.45 Emily C. Dykhuizen (Purdue University, West Lafayette)
Context-dependent roles for PBRM1
- 10.30 Coffee Break
- 11.00 Blaine Bartholomew (MD Anderson Cancer Center)
The decision to differentiate and the SWI/SNF chromatin remodeler
- 11.45 Ulrike A. Nuber (TU Darmstadt)
SMARCB1 dysfunction: neurodevelopmental disorders, tumors or both?
- 12.15 Wrap-up, Conclusions and Future Opportunities