

Chromatin Days, Reunion and Valediction, May 26-27, 2025

Day 1: Monday, May 26, 2025

09:00 - 09:10	Peter Becker	Welcome
Session 1 Chair: Daphne Cbianca		
09:10 - 09:40	Sandra Hake <i>Justus-Liebig-University Giessen</i>	The Ins and Outs and What-Abouts of H2A.Z
09:45 - 10:00	Gizem Kars <i>A01 Becker</i>	Intersections in chromatin: the case of Domino and Xbp1
10:00 - 10:15	Vlera Fonda <i>A21 Uhlenhaut</i>	The dynamic role of ANP32a in liver metabolic transitions
10:15 - 10:30	Hannah Lee <i>A03 Ladurner</i>	Dissecting the ChREBP—LXR interaction and its role in regulating hepatic metabolism
10:30 - 11:00	Break	
Session 2 Chair: Stefan Stricker		
11:00 - 11:30	Elisa Oberbeckmann <i>Georg-August Universität Göttingen</i>	Genome-wide <i>in vitro</i> reconstitution to study nucleosome positioning and chromatin architecture
11:30 - 11:45	Lorenz Spechtenhauser <i>A04 Korber</i>	Molecular chaperones assist chromatin remodeling
11:45 - 12:00	Jessica Furtmeier <i>A26 Kurat</i>	<i>In vitro</i> chromatin replication genome-wide
12:00 - 12:15	Atika Sajid <i>A29 Hamperl</i>	Decoding the regulation of replication timing in yeast by single-molecule analysis of origin chromatin
12:15 - 12:30	Simona Nasiscionyte <i>A27 Bartke</i>	Phosphorylation of origin-associated LRWD1 affects DNA replication and cell cycle in cancer cells
12:30 - 13:30	Lunch	
Session 3 Chair: Gunnar Schotta		
13:30 - 14:00	Sigurd Braun <i>Justus-Liebig-University Giessen</i>	Shaping heterochromatin boundaries: From genetic screens to mechanistic insights into chromatin
14:00 - 14:15	Chondamma Bollachettira <i>Assoc. Villaseñor</i>	New Kids on the Heterochromatin Block
14:15 - 14:30	Angela Russo <i>A11 Schotta</i>	Interplay between heterochromatin and transcription factor activities
14:30 – 14:45	Weihua Qin <i>A17 Leonhardt</i>	Liquid-to-solid phase transition of HP1β condensates is essential for embryonic stem cell differentiation
14:45 - 15:00	Svetlana Maltseva <i>A15 Müller</i>	Anchoring the Polycomb Repressive Deubiquitinase complex at target genes
15:00 - 15:30	Break	
Session 4 Chair: Karl-Peter Hopfner		
15:30 - 16:00	Sebastian Eustermann <i>EMBL Heidelberg</i>	More than the sum: exploring supra-molecular genome regulation
16.00 - 16:15	Alberto López-Francos López-Romero <i>A06 Hopfner</i>	Structural insights into nucleosome and hexasome remodeling by the INO80 complex
16.15 - 16:30	Tobias Straub <i>Z04 Bioinformatics</i>	Open Science Needs a Manual
16:30 - 1650	5 x 4 min Flash talks <i>IRTG members</i>	Beyza Bozdag (A16 Imhof), Emilia Cepowska (A27 Bartke) , Deeksha (A35 Stricker), Jei Diwakar (Assoc. Bonev), Frauke Huth (Korber/Gerland)
16:50 - 17:00	Elizabeth Schroeder-Reiter <i>IRTG</i>	Quo vadis, IRTG?
17:00 - 17:16	4 x 4 min Flash talks <i>IRTG members</i>	Gabriele Malagoli (Assoc. Colomé-Tatché), Namisha Rakesh (Assoc. Villaseñor), Drin Shabani (A04 Korber), Gabriela Stumberger (A17 Leonhardt)
from 17:16	IRTG Fun Poster Session and Happy Hour	
19:00-ish	DINNER, Flash activity and Party	

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Day 2: Tuesday, May 27, 2025

Session 5 Chair: Eva Hörmanseder

09:00 - 09:30	Felix Müller-Planitz <i>Technische Universität Dresden</i>	Monkeys in your droplets - Nucleosome remodeling in chromatin condensates
09:30 - 09:45	Rifat Reza <i>A33 Siegel</i>	Loops, Boundaries and Beyond: Roles of cohesin and histone variants in <i>T. brucei</i> genome architecture
09:45 - 10:00	Lukas Huschet <i>A32 Robles</i>	Protein nuclear dynamics in time and space and its modulation by metabolism
10:00 - 10:15	Maximilian Wiesbeck <i>A35 Stricker</i>	Manipulation of global protein translation rates and stem cell self-renewal by CRISPR mediated activation of rRNA transcription
10:15 - 10:30	Sandra Nitsch <i>A20 Schneider</i>	H4K16 acylations destabilize chromatin architecture and modulate transcription during metabolic perturbations
10:30 - 10:45	Ana Janeva <i>A30 Hörmanseder</i>	AI to Ac: Digital Reprogramming identifies H3K27ac as an Epigenetic Barrier to Cell Fate Changes

10:45 - 11:15 **Break**

Session 6 Chair: Maria Elena Torres Padilla

11:15 - 11:30	Marlies Oomen <i>A24 Torres-Padilla</i>	An atlas of transcription initiation reveals regulatory principles of gene and transposable element expression in early mammalian development
11:30 - 11:45	Jie Hua <i>A16 Imhof</i>	Chromatin and Genomic Conflict
11:45 - 12:00	Lorenz Pudelko <i>A28 Cabianca</i>	Epigenetic memory of early-life starvation stress
12:00 - 12:15	Maximilian Götz <i>A34 Stinglele</i>	The role of self-organising SUMO compartments in DPC repair
12:15 - 12:45	Boris Pfander <i>Technische Universität Dortmund</i>	Damaged Chromatin – new views on DNA breaks and sites of stalled replication
12:45 - 13:00	Closing remarks	

13:00 - 14:00 **END Main Meeting**
LUNCH at the Mensa for IRTG & Alumni

IRTG Satellite Session (BMC room N01.017)

Alumni career profiles
Program self-reflection

14:00 – 15:30	Elisa Oberbeckmann Sophia Groh Lisa Harpprecht Anuroop Venkateswaran V Anna Kiss	Career paths and PhD afterlife testimonies Discussion and Q&A
15:30	Farewell to alumni Break and re-sort	
16:00	IRTG World Café	• How did we benefit through the SFB consortium? • What do we still need? • How to maintain the IRTG network? • Words of wisdom for next cohort?
17:00 - open end	Drinks, snacks	End