Chromatin Day
SFB 1064
July27, 2023
9 – 17.30 h
Biomedical Center
Small Lecture Hall

From	To	Project	Speaker	Title
09:00	09:10	General	Peter Becker	Welcome
Chair: Philipp Korber				
09:10	09:30	A03 / Ladurner	Matin Moschref	Structural basis for sugar metabolite recognition by the vital lipogenic transcription factor ChREBP
09:30	09:50	A06 / Hopfner	Franziska Kunert	Hexasome-INO80 complex reveals structural basis of non-canonical nucleosome remodeling
09:50	10:10	A15 / Müller	Maria Ciapponi	Structural basis of nucleosome recognition by non-canonical PRC1
10:10	10:30	A27 / Bartke	Bihter Özdemir Aygenli	Functional Characterization of the E3 Ubiquitin Ligase UHRF1
10:30	**11:00**	**BREAK**		
Chair: Charo Robles				
11:00	11:20	A24 / Torres-Padilla	Mrinmoy Pal	Understanding the molecular mechanisms underlying the establishment of nuclear organization
11:20	11:40	A17 / Leonhardt	Weihua Qin	HP1 mediated phase separation in development ad disease
11:40	12:00	A28 / Cabianca	Iratxe Estivariz	Deciphering the role of S-adenosylmethionine synthases in heterochromatin regulation
12:00	12:20	A35 / Stricker	Anna Danese	Exploring the chromatin regulation of the non-coding parts of the genome using scATAC-seq
12:20	12:40	A01 / Becker	Muhunden Jayakrishnan	Context-dependent regulation of H3K36 methylation in Drosophila
12:45	**13:45**	**LUNCH**		
Chair: Catherine Regnard				
13:45	13:55	Z04 / Bioinformatik	Tobias Straub	Open Science
13:55	14:15	A12 / Rupp	Janet Tait	The histone H4K20 methyltransferase SUV4-20H1/KMT5B is required for Xenopus multiciliated cell differentiation
14:15	14:35	A16 / Imhof	Anuroop Venkatasubramani	chameau (chm), a Drosophila acetyltransferase that trades longevity for starvation resilience
14:35	14:55	A21 / Uhlenhaut	Franziska Greulich	Gene activation and repression - common ground for the glucocorticoid receptor and BRG1
14:55	15:15	A30 / Hörmanseder	Meghana Oak	Maintenance of active chromatin states in Xenopus laevis embryos
15:15	**15:45**	**BREAK**		

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Chair: Rodrigo Villaseñor				
From	**To**	**Project**	**Speaker**	**Title**
15:45	15:55	IRTG & Diversity	Elizabeth Schroeder-Reiter	
15:55	16:15	A33 / Siegel	Raúl Cosentino	Miniaturised libraries, great sensitivity: Implementation of a versatile single-cell RNA sequencing approach
16:15	16:35	A29 / Hamperl	Marcel Werner	Establishing an inducible reporter system to study chromosomal transcription-replication conflicts
16:35	16:55	A26 / Kurat	Priyanka Bansal	Nuclear targets of Dbf4-Dependent Kinase DDK
16:55	17.15	A34 / Stingele	Chimeg Erdenebat	Cockayne syndrome proteins CSA and CSB promote transcription-coupled repair of DNA-protein crosslinks
17:15	17:35	Ass. /Tachibana	Wataru Kobayashi	Structural analysis of cryo-EM structure of totipotent pioneer factor Nr5a2-nucleosome complex
17:35	**Concluding remarks P. Becker**			
17:45	**BARBECUE**			