<u>5th N</u>	lunich International Chron	natin Symposium Poster Presentations
P01	Baldi, Sandro	Genome-wide measurement of local nucleosome array regularity and spacing by nanopore sequencing
P02	Barnes, Toby	What guides nucleosome remodelling by RSC?
P03	Bergmann, Lena	H3K36 methylation and DNA-binding are both critical for loc4 recruitment and Isw1b function
P04	Bhuiyan, Tanja	Intrinsically disordered regions in the TFIID complex undergo liquid-liquid phase separation <i>in vitro</i>
P05	Bittmann, Julia	Assigning the essential function of resolvase Mus81-Mms4 to M phase using a novel toolbox of cell cycle tags
P06	Blessing, Charlotte	The chromatin remodeler ALC1 impacts PARP dynamics
P07	Blossey, Ralf	Histone mark recognition controls nucleosome translocation via a kinetic proofreading mechanism: confronting theory and high-throughput experiments
P08	Bonnet, Jacques	The Role of H2a Monoubiquitylation and Deubiquitylation in Polycomb Repression
P09	Brandstetter, Katharina	Capturing Snapshots of Chromatin Dynamics using Oligo-based FISH and Super- Resolution Microscopy
P10	Braun, Sigurd	The inner nuclear membrane protein Lem2 promotes RNA surveillance through exosome recruitment
P11	Burton, Adam	Heterochromatin remodeling is essential to enable reprogramming and de novo establishment of chromatin domains after fertilization
P76	Capella, Matías	Guardians of the rDNA: Control of chromatin dynamics during rDNA damage by PTMs
P12	Cernilogar, Filippo	Pre-marked chromatin and transcription factor co-binding shape the pioneering activity of Foxa2
P13	Conlon, Thomas	The nucleosomal binding protein HMGN5 regulates COPD susceptibility
P14	Cremer, Marion	Cohesin depleted cells maintain principle structural and functional features of nuclear architecture
P15	Eggers, Nikolas	Exploring the principles of X chromosome targeting during dosage compensation through genome-wide chromatin reconstitution
P16	Escoter-Torres, Laura	Anti-inflammatory functions of the Glucocorticoid Receptor require DNA binding
P17	Eustermann, Sebastian	Structure & Regulation of the ATP-dependent Chromatin Remodeler INO80
P18	Fedotova, Anna	Contribution of ZAD-proteins heterodimerization in the chromatin architecture and regulatory elements organization
P75	Finogenova, Ksenia	Structural basis of nucleosome binding by PRC2 and its inhibition by H3K36 methylation.
	Fotouhi, Omid	A Proteomic Analysis of the Lysine Methylase and Demethylases (KMT2C and KDM6A/C)
P20	Gowda, Pruthvi	Lactate dependent chromatin dynamics modulates circadian CLOCK and transcription of IL-1 β in glioma
P21	Greulich, Franziska	The COMPASS complex mediates inflammatory responses in macrophages
P22 P23	Grosse-Berkenbusch, A	
	Günsel, Gizem	CARM1 deficiency perturbs airway epithelial cell regeneration by promoting cellular senescence in COPD pathogenesis
P24	Guthmann, Manuel	Role of SUMOylation in nuclear architecture establishment in the mouse embryo
P25 P26	Haas, Mariska Hankofer, Valentin	Single-molecule FRET measurements on post-translationally modified nucleosomes
		Light-Dependent Regulation of One-Carbon Metabolism Controls DNA Methylation
P27	He, Yang	HIPK2 is involved in p53-regulated cell death pathways induced by the anticancer drug temozolomide
P28	Herrera, Pilar	Studying UV sex chromosomes in liverworts with a focus on repetitive DNA
P29	Huang, Anming	Phosphorylation of Drosophila CENP-A on serine 20 regulates protein turn-over and centromere-specific loading
P30	Jordan, Albert Kilio, Sinan	Functional specificities and genomic distribution of human histone H1 subtypes
P31 P32	Kilic, Sinan Kiss, Anna	Phase separation of 53BP1 in the DNA damage response
P32 P33	Kiss, Anna Kleene, Vera	Architecture of the Drosophila Male-Specific Lethal Ribonucleoprotein Complex Deciphering the Role of the Proteasome during Chromatin Assembly
P34	Kochanova, Natalia	Intricate structure of the interphase chromocenter revealed by the analysis of a factor involved in species formation
P35	Langstein, Iris	Function of intrinsically disordered regions in nucleosome positioning barriers
P36	Leidescher, Susanne	Spatial organization of transcription in eukaryotic cells
P37	Lipfert, Jan	Probing nucleosomes by high-throughput AFM imaging and single-molecule force
	• •	spectroscopy

<u>5th N</u>	lunich International Chrom	natin Symposium Poster Presentations
P38	Lukacs, Andrea	A chromatin protein complex drives the formation of species in Drosophila
P39	Luzak, Vanessa	Can RNA-processing hotspots serve as 'post-transcriptional enhancers'?
P40	Ma, Guoli	Analysis of RNA Pol II CTD phosphorylation after inhibiton of CDK9 analog- sensitive kinase <i>in vivo</i>
P41	Mai, Julia	The chromatin-associated proto-oncogene DEK is a novel host factor promoting HAdV replication and gene expression
P42	Martinez-Jimenez, Celia	Single nucleus RNAseq2 reveals celltocell transcriptional heterogeneity during ageing in adult liver
P43	Mechtidou, Aikaterini	Characterization of H3K4methylation profiles on inflammatory enhancers in macrophages
P44	Memar, Nadin	The loss of <i>psf-2</i> leads to the inappropriate survival of cells programmed to die in <i>C. elegans</i>
P45	Mermoud, Jacqueline	ATP-dependent chromatin remodeling is required to silence endogenous retroviruses in embryonic stem cells
P46	Mocanu, Bianca	Exploring the chromatin architecture of a cell line latently infected with Epstein- Barr Virus
P47	Monfort, Asun	Ubinucleins are critical for gene silencing during X inactivation in mice
P48	Morales-Franco, Marlet	Chromatin-based regulation of noise in gene expression
P49	Mueller, Marisa	Specificity for IncRNA roX2 is intrinsic to the Drosophila Dosage Compensation Complex
P50	Mulholland, Christopher	Recent evolution of a novel TET-controlled and STELLA-driven pathway of passive demethylation in mammals
P51	Murawska, Magdalena	The chaperone FACT and histone H2B ubiquitination maintain <i>S. pombe</i> genome architecture through genic and subtelomeric functions
P52	Oberbeckmann, Elisa	S. cerevisiae's first, genome-wide absolute nucleosome occupancy map and its implications on gene regulation
P53	Peritore, Martina	The fate of nucleosomes at DNA double strand breaks
P54	Pokrovsky, Daniil	Stage-specific histone modification profiles are shaped by mitotic activity
P55	Prayitno, Nadiya	Progressive dosage compensation during Drosophila embryogenesis is reflected by gene arrangement
P56	Qin, Weihua	$HP1\beta$ dependent phase separation regulates embryonic stem cells exit from naïve pluripotent state
P57	Ramakrishnan, Akshay	Copy Number Detection in DNA methylation
P58	Regnard, Catherine	JASPer controls phosphorylation by Chromosomal kinase JIL-1
P59	Reinking, Hannah	DNA structure-specific cleavage of DNA-protein crosslinks by the SPRTN protease
P60	Rohrmoser, Michaela	MIR sequences recruit zinc finger protein ZNF768 to expressed genes
P61	Roussou, Rodaria	Chromatin structure alterations during replicative aging in Saccharomyces cerevisiae
P62	Ryan, Joel	Single-molecule tracking reveals distinct behaviors of epigenetic modifiers Tet1 and Tet2 in live embryonic stem cells
P63	Scacchetti, Alessandro	DOMINO (SWR1) splice variants define functionally distinct chromatin remodeling complexes
P64	Sefer, Anna	Single-molecule FRET experiments for investigation of PARP-1 binding mechanism to DNA single-strand breaks
P65	Singh, Ashish	Transcription and nucleosome remodelers compete to establish nucleosome array regularity
P66	Spada, Fabio	Dynamic turnover pathways of genomic cytosine modification across the mouse pluripotent spectrum
P67	Stolz, Paul	Crosstalk of TET1 and Chromatin during embryonic development
P68	Stubbe, Miona	HAdV E2A SUMOylation manipulates host cellular immune response to promote efficient infection
P69	Tunnacliffe, Ed	Determining the importance of dynamic chromatin contacts in alpha-globin transcriptional control
P70	Ugur, Enes	The role of DNA and histone methylation in the establishment of repressive chromatin during stem cell differentiation
P71	Venkatasubramani, A	Environmental changes result in a bivalent phenotype in Drosophila melanogaster
P72	Vizjak, Petra	ATP-dependent remodeling of phase separated chromatin
P73	Wu, Weifang	Peripheral location within nucleus promotes establishment of CENP-A ^{Cnp1} chromatin
P74	Wunderlich, Tim M.	PWWP2A: A multivalent H2A.Z chromatin binder and gene regulator