

Ahel, Josip		
<b>Chromatin remodeling activity of ChAHP-associated CHD4 is required to repress SINE B2 elements</b>	43	
Ahmed, Sara		
<b>A multi-omics approach to study the epigenetic mechanisms that control the maintenance and activation of adult hippocampal neural stem cells</b>	44	
Akkouche, Abdou		
<b>Epigenetic cross-talk: polycomb PRC2 complex and the Piwi-piRNA pathway in transposon silencing in Drosophila ovaries.</b>	45	
Akkouche, Abdou	Presenter: Nicholson, Ben	
<b>A dual histone code specifies the binding of heterochromatin protein Rhino to a subset of piRNA source loci</b>	46	
Al-Mousawi, Jasmina		
<b>High-resolution mapping of embryonic genome activation unveils a functional decoupling from H3K4me3 remodeling</b>	47	
Alajoki, Reetta		
<b>Chromatin dysregulation in uterine leiomyomas: insights from CRISPR engineered model cell lines</b>	48	
Alice, Arnould		
<b>Characterizing the tissue specific regulation and epigenetic response to AAV9-SMN1 gene therapy for Spinal Muscular Atrophy (SMA)</b>	49	
Alizada, Azad	Presenter: Rodriguez Suarez, Julia Victoria	
<b>The transcription factor traffic jam orchestrates the somatic piRNA pathway in Drosophila ovaries</b>	50	
Alvarez Meythaler, Jose Gabriel		
<b>Rewiring 3D genome organization: chromatin dynamics in response to UV damage</b>	51	
Anfossi, Michela		
<b>Dissecting the molecular basis of chromatin phase separation</b>	52	

Arroyo Lopez, Maria	
<b>MBD1 maintains embryonic stem cell pluripotency and facilitates mesoderm and ectoderm differentiation</b>	53
Arz, Valerie	
<b>The role of heterochromatin in the adaptation to UV-induced DNA damage and aging</b>	54
Balaban Orenshtein, Noa	
<b>Autoregulatory and genome-wide consequences of over-expression of chromatin modifiers</b>	55
Barbadilla Martinez, Lucia	
<b>The regulatory grammar of human promoters uncovered by MPRA-trained deep learning</b>	56
Bender, Ambre	Presenter: Weber, Michaël
<b>UHRF2 mediates resistance to DNA methylation reprogramming in primordial germ cells</b>	57
Beneggi, Anna	
<b>Deciphering the interplay between tumour metabolites and T regulatory cells epigenome</b>	58
Benetti, Natalia	
<b>Dissecting long non-coding RNA function using in vivo synthetic biology</b>	59
Beno, Alexandra	
<b>Exploring enhancer landscape alterations from fetal lung to lung cancers</b>	60
Bersaglieri, Cristiana	
<b>Nucleolar-BioID2, an “all-in-one” technology to identify nucleolar genomic and proteomic content in advanced prostate cancer.</b>	61
Bhoi, Anupam	
<b>Conformational dynamics of the ISWI nucleosome remodelling enzyme</b>	62

Bowden, Sarah		
<b>Foxi1 regulates the establishment of early chromatin for ectodermal development and mucociliary progenitors in <i>Xenopus</i></b>		63
Búcaro Stenman, Karolina		
<b>Chromatin remodeling of the rRNA promoters during epithelial-mesenchymal transition in mouse cells</b>		64
Buka, Karolina		
<b>Enhanced detection of chromatin loops and stripes using improved cohesin HiChIP protocol and bioinformatic analysis</b>		65
Bustos, Brandon		
<b>Transcriptional rewiring upon repeated exposure to a metabolic stressor reveals reinduction memory in mammalian cells</b>		66
Cai, Wei		
<b>Fluorescent labeling of cellular DNA for an exploration of in-situ chromatin structure</b>		67
Capriati, Martina		
<b>Essential genes are pioneered and activated by master transcription factors</b>		68
Cecalev, Daniela		
<b>Identifying X-linked dosage-sensitive genes and their cell-lineage specificities on the mouse X-chromosome</b>		69
Chan, Timothy En Haw	Presenter: Timmers, Marc	
<b>TGF-<math>\beta</math> activated transcription is controlled by a MLL4-JUNB feed-forward loop</b>		70
Chatzantonaki, Eleftheria		
<b>The functional role of Polycomb-mediated chromatin architecture during neuronal development.</b>		71
Chen, Min		
<b>Identification of the quinone reductase 2 as a bona fide reader of histone H3 serotonylation that contributes to neural gene expression</b>		72

Chhatbar, Kashyap	
<b>Unravelling epigenetic regulation of gene expression with explainable AI - a case study leveraging degron data</b>	73
Cookis, Trinity	
<b>Structural diversity of Polycomb Repressive Complex 2 subtypes</b>	74
Corda, Luca	
<b>Conserved chromosome architecture in human and non-human primates using novel computational approaches</b>	75
Cutrone, Lorenza	
<b>Heat shock factor 2 positively regulates oncogenic herpesvirus gene expression by remodeling the chromatin landscape</b>	76
Danac, Joshua Miguel	
<b>Two competing HUSH complexes orchestrate retroelement immunity</b>	77
Dasarathan, Lokapriya	
<b>Helicase-mediated regulation of yamanaka factor-G-quadruplex interactions in pluripotency and drug-tolerant persister cells</b>	78
Demurtas, Martina	
<b>Investigating the role of SALL4 in the development of cranial neural crest cells</b>	79
Detleffsen, Jan	
<b>PEAKQC: Periodicity evaluation in scATAC-seq data for quality assessment</b>	80
Dimitrova, Emilia	
<b>The PNUTS phosphatase complex controls transcription pause release</b>	81
Dimond, Andrew	
<b>Regulation of transcription factors during mitosis</b>	82
Dossena, Carolina	
<b>Enhancer rewiring orchestrates human regulatory T lymphocytes cell states in cancer</b>	83

Doyle, Lucy		
<b>Reduced H2AK119ub levels during early neurodevelopment sensitise the genome to ectopic transcription factor-mediated gene activation</b>	84	
Dvoretzkova, Elena		
<b>Dual role of the transcription factor Sp9 in mouse forebrain inhibitory neuron development</b>	85	
Eischer, Nicole		
<b>New insights into the molecular basis of ARID1B haploinsufficiency associated with the Coffin-Siris syndrome</b>	86	
Ellmer, Victoria		
<b>Differentially methylated sites in the two metabolic risk genes GCK and TM6SF2 overlap with G4 forming regulatory regions</b>	87	
Engelhorn, Julia	Presenter: Carles, Cristel	
<b>A plant specific cofactor of polycomb repressive complex 2 directly enhances its H3K27me3 activity for fine-tuned reproductive transitions</b>	88	
Ercan, Erdem		
<b>Unveiling the role of SS18L2 in epigenetic regulation of triple negative breast cancer</b>	89	
Erichsen, Lars		
<b>hTERT's splicing dilemma: methylation pulling the strings</b>	90	
Fahim, Salma		
<b>Investigating the impact of non-coding RNAs on Meis1 expression and function</b>	91	
Fasouli, Eirini Sofia	Presenter: Katsantoni, Eleni	
<b>STAT3 and STAT5 cross-talk in leukemic transformation</b>	92	
Fernández Parejo, Natalia		
<b>Deciphering the language of post-translational modification crosstalk in <i>S. cerevisiae</i></b>	93	

Fibi-Smetana, Silvia	
<b>Evolutionary conserved non-coding element (CNE) characterization</b>	94
Franklin, Matt	
<b>Human satellite DNA encodes megabase-scale transcription factor binding platforms</b>	95
Fu, Chengbo	Presenter: Cheng, Lu
<b>k-mer Manifold Approximation and Projection for visualizing DNA sequences</b>	96
Gallego, Laura D.	
<b>Ubiquitination condensates shape gene architecture and function</b>	97
Garcia, Alexis	
<b>The genetic background modulates the proteome response to RPD3L complex genetic perturbations</b>	98
Geller, Merle	
<b>A polymerizing SAM domain and an intrinsically disordered region cooperate for full function of SAMD1 on chromatin</b>	99
Giuliani, Sara	
<b>Multimerisation of SALL proteins and its importance for transcription factor function</b>	100
Gkountromichos, Fotios	
<b>Probing the role of the roX lncRNA in chromosome binding in vivo</b>	101
Gockel, Jonas	
<b>Jumonji C demethylase 1 and 2: guardians of the euchromatin in the malaria parasite plasmodium falciparum</b>	102
Goozee, Sonia	
<b>Erythroid development hinges on enhancers thwarted by CpG methylation</b>	103
Grbavac, Dora	
<b>Competition for resources in transcription regulation</b>	104

Greene, Jacob		
<b>Dimethylation of Histone 3 lysine 27 marks cell identity by silencing DNA during replication</b>		105
Grimm, Christina		
<b>Long-read-transcriptome-sequencing of CLL and MDS patients reveals disease-specific SF3B1 isoforms</b>		106
Gugnoni, Mila	Presenter: Vezzani, Rebecca	
<b>Dissecting the lncRNA landscape of Malignant Pleural Mesothelioma</b>		107
Gupta, Archica		
<b>Testis-specific polymerase-associated factor 1 complex controls Y chromosome transcription and chromosomal condensation in Drosophila spermatogenesis</b>		108
Güven, Gözde		
<b>Functional epigenetic modulation of cardiac fibroblasts</b>		109
Hains, Katie		
<b>Investigating the mutagenicity of DNA methyltransferase-induced DNA damage</b>		110
Hartl, Christopher	Presenter: Lin, Pei	
<b>Emerging single-cell epigenetic platforms reveal cell-specific chromatin states and regulatory networks in adaptive immunity</b>		111
Hauth, Antonia	Presenter: Loda, Agnese	
<b>Escape from X inactivation is directly modulated by Xist RNA levels</b>		112
Herchenröther, Andreas	Presenter: Diegmüller, Felix	
<b>The H2A.Z and NuRD associated protein HMG20A controls early head and heart developmental transcription programs</b>		113
Hintermann, Aurelie		
<b>Evolutionary co-option of an ancestral cloacal regulatory landscape during the emergence of digits and genitals</b>		114
Hipwell, Kelsey	Presenter: Hipwell, Kelsey	
<b>Regulation of WAPL-mediated cohesin release</b>		115

Hobein, Moritz	
<b>NucleoDetective: comparative analysis of nucleosome positioning from ATAC-seq data</b>	116
Hölzl, Fabian	
<b>Time-resolved analysis of STAG2 depletion on chromatin organization and protein interaction in lymphoblast cells</b>	117
Hsu, Chia-Ling	
<b>The role of H3 lysine 4 methylation modulates the redox status of endoplasmic reticulum upon stress via activation of protein phosphatase 2A (PP2A)</b>	118
Hu, Ruifeng	
<b>Unravel the role of nucleic acid binding ability of the epigenetic regulator SMCHD1</b>	119
Huber, Julia	
<b>Detection and quantification of R-loop structures and DNA methylation in lung cancer cell lines</b>	120
Iacovone, Marika	
<b>The novel role of H2A.Z in RNA processing</b>	121
Illingworth, Robert S.	
<b>Passive yet essential, Polycomb repression in development and disease</b>	122
Iqbal, Sajjad	
<b>Differential impact of FUS on gene regulation during development</b>	123
Isoler Alcaraz, Javier	
<b>Addressing the role of the epigenetic regulator NSD2 in cellular plasticity</b>	124
Ivanov, Nicole	Presenter: Sannak, Prathamesh
<b>Investigating the genetic interaction between telomere repeat binding and basic pentacysteine class transcription factors in prc2 recruitment in plants</b>	125



Jafari, Narges

**The role of Tet3 oocyte specific isoform during preimplantation development** 126

Jin, Wei

**IT-scCUT&TAG: a scalable and cost-effective method for single-cell chromatin profiling** 127

Jos, Sneha

Presenter: Kambaru, Archanalakshmi

**Insights into Parkinson's Disease-specific  $\alpha$ -Synuclein's role in chromatin regulation** 128

Jozghorbani, Maryam

**Targeting of epigenetic machinery in the progression of salivary gland adenoid cystic carcinoma as a basis for future therapeutic anticancer approach** 129

Kan, Ying Hei

**Characterizing the role of human endogenous retroviruses in totipotent-pluripotent transition** 130

Kanketayeva, Zhansaya

**A pre-apoptotic nuclear condensation is mediated by a redox-dependent mechanism in glucose deprived cancer cells** 131

Kanwal, Madiha

**Epigenetic silencing of MST1 by promoter methylation: a biomarker and therapeutic target in head and neck cancer** 132

Karayol, Remzi

**MSL2 regulates dynamic gene expression and cell-state transitions during human neurodevelopment** 133

**Cancelled** 134

Kataruka, Shubhangini

**H4K12ac mediated SINE activation is necessary for mammalian embryogenesis** 135

Kaur, Upneet	
<b>Auto-inhibition imposed by a large conformational switch of INO80 regulates nucleosome positioning</b>	136
Kojima, Mina	
<b>Identification of Nanog-interacting proteins to elucidate the molecular mechanisms that trigger zygotic genome activation</b>	137
Konwar, Chaini	
<b>Molecular patterns of blood DNA methylation with pediatric development</b>	138
Köseoglu, Beyza	
<b>The role of arginine methylation in modulating radiation response in glioblastoma</b>	139
Kostos, Paxton	
<b>Genetic and epigenetic features of rRNA gene arrays impact rRNA pools and chromosome organization</b>	140
Koukouzeli, Fotini	
<b>ARID1A and KDM6A/UTX regulate development in the adult murine urothelium and epidermis</b>	141
Kumar, Praveen	
<b>CGGBP1 from higher amniotes restricts cytosine methylation and drives a GC-bias in transcription factors binding sites at repressed promoters</b>	142
Lahnsteiner, Angelika	
<b>Deregulated alternative promoters in cancer are sites of G-quadruplex formation and differential DNA methylation</b>	143
Lebron Mora, Laura	
<b>Isl1 regulates chromatin dynamics to control pancreatic endocrine cell fate and maturation</b>	144
Lecourveur, Nathan	
<b>RNA profiling of nuclear micro-environments with high molecular crowding</b>	145

Li, Jingyu		
<b>The role of 3D genome organization in human spermatogenesis</b>	146	
Lier, Silje	Presenter: Pandey, Deo Prakash	
<b>CDK12/13 inhibition disrupts transcriptional elongation and replication fork progression critical for glioblastoma survival</b>	147	
Lin, Chia-Yeh		
<b>The role of epigenetic regulator RNF20 in maintaining adult skeletal muscle homeostasis</b>	148	
Lin, Fu-Jung		
<b>Early-life epigenetic modifications influence lifelong cardiovascular disease susceptibility</b>	149	
Lin, Yi-Hsueh		
<b>Role of histone N-terminal acetyltransferase Naa40 in gene regulation, sperm development and male fertility</b>	150	
Liu, Yu-Hao		
<b>The impacts of the histone lateral acetylations on chromatin accessibility and transcription</b>	151	
Llombart, Victor		
<b>MYC N-terminal acidic patches define a novel chromatin regulatory subdomain governing oncogenesis and transcription</b>	152	
Luharia, Sachin		
<b>Investigating 3D genome organisation in chemotherapy resistant colorectal cancer</b>	153	
Ma, Jingchun	Presenter: Jin, Wei; Ma, Jingchun	
<b>Dissecting immunosenescence in Hutchinson-Gilford progeria syndrome using IT-scATAC-seq</b>	154	
Macchi, Filippo	Presenter: Sadler Edepli, Kirsten	
<b>DNA methylation dependent and independent activities of Uhrf1 during zebrafish development</b>	155	
Man, Joyce		
<b>Uncovering the role of Polycomb group proteins during X-chromosome inactivation</b>	156	

Mariani, Luca	
<b>DNA bendability regulates transcription factor binding to nucleosomes</b>	157
Mariner-Faulí, María	
<b>Dual role of ZIC2 during neural induction: from pioneer-like transcription factor to enhancer activator</b>	158
Masiulionyte, Bernadeta	
<b>Utilization of halide methyltransferase for chemoenzymatic AdoMet cofactors synthesis</b>	159
Masoura, Margarita	Presenter: Balasubramanian, Deevitha
<b>Exploring the pleiotropy of developmental enhancers in Drosophila</b>	160
Mathur, Vrinda	
<b>Single nuclei multi-omic analysis of human trophoblast cell types during disease</b>	161
Matthews, Rachael	
<b>CRAMP1 drives linker histone expression to enable Polycomb repression</b>	162
Mazzucchi, Sabrina	
<b>Dynamics of R-loop accumulation and Interferon signaling in spinal muscular atrophy muscle cells</b>	163
Mendes, Joel	
<b>Deciphering epigenetic and cellular mechanisms in early diabetic retinopathy: a multi-omics approach</b>	164
<b>Cancelled</b>	165
Mitchell, Zoe	
<b>CHD3 regulates BMP signalling response during cranial neural crest cell specification</b>	166

<b>Cancelled</b>	167
Mungo, Chiara <b>Nucleolar function and genome organization in cellular aging</b>	168
Nagy, Gergely <b>Lineage-determining transcription factor-driven promoters regulate cell type-specific macrophage gene expression</b>	169
Narita, Takeo <b>A unified model of gene expression control by cohesin and ctcf</b>	170
Presenter: Kilic, Sinan	
Navarro Cansino, Patricia <b>Role of 3D genome folding in the TGF<math>\beta</math> transcriptional response</b>	171
Negri, Maria Luce <b>The role of MLL4 in the chromatin framework: from the epigenome to 3D genome organization</b>	172
Nemes, Kolos <b>Decoding the chromatin landscape: enhancer differences in high- and low-grade neuroendocrine lung tumors</b>	173
Nie, Junli <b>Learning the B cell epigenetic landscape by convolutional neural networks</b>	174
Nielsen, Mathias <b>Deciphering chromatin context effects on RNA processing using thousands of integrated reporters</b>	175
Ojha, Pranav <b>EI-INTACT reveals neuron-specific transcriptional regulation of clock within the circadian network</b>	176
Orlandi, Maria Luisa <b>Transposon repression by KRAB-containing Zn finger proteins in induced pluripotent stem cell-derived myeloid cells</b>	177

Ouvrard, Julien		
<b>The contribution of lncRNAs to 3D chromatin hubs integrity in glioblastoma cancer stem cells</b>		178
Pantier, Raphaël		
<b>Unique and redundant functions of TET DNA de-methylases in stem cells and during cell fate transitions</b>		179
Papanikolaou, Sofia		
<b>SMC1A, a sex-biased chromatin modifier, acquires specific regulatory function in lupus shaping inflammatory pathways that promote autoimmunity</b>		180
Patel, Mahima	Presenter: Patel, Mahima	
<b>Structural insights into the control of 3D genome folding by reversible cohesin acetylation</b>		181
Perry, Thomas Noé		
<b>Oct1: a structural and functional characterization for its role in redox sensing and chromatin dynamics</b>		182
Pintado-Urbanc, Andreas		
<b>Acetyl-methyllysine marks chromatin during the mitosis-G1 phase transition</b>		183
Pirogov, Sergei	Presenter: Mannervik, Mattias	
<b>Catalytic and non-catalytic functions of p300/CBP in zygotic genome activation</b>		184
Pirogov, Sergei		
<b>Single-cell epigenetic landscapes through embryogenesis</b>		185
Podh, Nitesh		
<b>Single-molecule tracking reveals the dynamics of Ipl1 recruitment to the kinetochores and spindles in <i>S. cerevisiae</i></b>		186
Popay, Tessa		
<b>Chromatin looping dynamics and transcriptional regulation</b>		187
Poubel, Caroline		
<b>Epigenetic patterns in regulatory elements of paediatric ALL in high vs low/middle-income countries</b>		188

Raingeval, Mathieu	
<b>Nucleolar CRISPR-GO a technology to dissect the role of the nucleolus in gene expression and chromatin states</b>	189
Räsänen, Maritta	
<b>Chromatin state origins of uterine leiomyoma</b>	190
Rana, Paresh	
<b>Investigating the mechanisms of epimutation establishment and stability</b>	191
Riesle, Aileen	
<b>Epigenetic mechanisms regulating monogenic expression of Olfactory Receptor genes</b>	192
Rivera-López, Carlos	
<b>Atypical histone H3 variants and the dynamics of adult pluripotent stem cells in the acoe Hofstenia miamia</b>	193
Rossi, Francesca	
<b>RNA-binding proteins ZFP36/ZFP36L1 regulate chromatin accessibility in CD8+ T-cells</b>	194
Rueda Silva, Juan Carlos	
<b>Replisome-histone interactions play a role in the transgenerational maintenance of large heterochromatic domains</b>	195
Sarde, Liza	
<b>Impaired stem cell migration and divisions in Duchenne Muscular Dystrophy revealed by live imaging</b>	196
Schwaemmle, Hanna	
<b>PHF6 regulates SWI/SNF chromatin remodeling activity in neurodevelopmental disorders</b>	197
Segert, Julian	
<b>Histone H4 lysine 20 monomethylation is not a mark of transcriptional silencers</b>	198
<b>Cancelled</b>	199

Seneviratne, Janith

Presenter: Eckersley-Maslin, Melanie

**Embryonic stem cell factors DPPA2/4 facilitate a H3K4me3-H2AK119Ub chromatin state in non-small cell lung cancer** 200

Sethumadhavan, Devadathan

**The TAZ2 domain of CBP/p300 regulates H3K27 acetylation on chromatin** 201

Shah, Syed Zawar

**Oct1: a structural and functional characterization for its role in redox sensing and chromatin dynamics** 202

Shahidian, Lara

**MLL2 facilitates LINE1-mediated gene regulation** 203

Shen, Sam

**Interpretable neural network facilitated ab initio derivation of biological formula governing transcriptional regulation** 204

Sherrard, Alice

Presenter: Giraldez, Antonio J.

**Chromgem reveals ultrastructural changes in chromatin during development and differentiation after fertilization** 205

Shobhawat, Rahul

**Regulation of nucleosome dynamics by positive cofactor 4: a mechanistic perspective** 206

Smith, Alastair

**Enhancer heterogeneity drives differential gene expression in leukemia** 207

Sotiriou, Afroditi

**The BAF complex is dispensable for gene activation in synovial sarcoma** 208

Sundaramoorthy, Ramasubramanian

Presenter: Owen-Hughes, Tom

**ATP-dependent changes in remodeller nucleosome interactions** 209



Taghizada, Bakhtiyar	
<b>Ubiquitylated H2A.Z is associated with diverse types of silenced chromatin including methylated CpG islands and homopurine/homopyrimidine sequences</b>	210
Tillotson, Rebekah	
<b>Capturing the full spectrum of ATR-X syndrome with three exemplar mutations</b>	211
Tomar, Kripi	Presenter: Mueller-Planitz, Felix
<b>ISWI and CHD1 remodelers redundantly prepare the nucleosome landscape for efficient transcription</b>	212
Topolcsányi, Petronella	
<b>Identifying epigenetic differences in SCLC cell populations using ATAC-seq</b>	213
Torres, Eduardo	
<b>Chromatin assembly factor 1 is required for normal heterochromatin structure and gene silencing at PRC2 targeted regions</b>	214
Tria, Giada	
<b>Deciphering the epigenetic regulation of hybrid EMT States in triple-negative breast cancer</b>	215
Tüchler, Johannes	
<b>A novel machine learning framework for optimized prediction of cardiac regulatory element activity</b>	216
Turpin, Marion	
<b>Characterizing the chromatin state of target regions for the p53 transcription factor across mammals</b>	217
Ullrich, Anna-Lena	
<b>Characterization of salmonella-induced transcriptional and epigenetic modifications in the neonatal intestinal epithelium</b>	218
Unlu Bektas, Firuze	
<b>Investigating MBD5 and its contribution to PR-DUB complex function in the developing brain</b>	219

Venetikidou, Maria		
<b>Metabolic wiring of pancreatic progenitors determines <math>\beta</math>-cell functionality by impacting on epigenetics and gene expression</b>	220	
Verdikt, Roxane		
<b>Nuclear glutamate metabolism links DNA methylation and pluripotency programs in stem cells</b>	221	
Vinson, David		
<b>Exploring roles for activity-dependent H3 Gln 5 serotonylation and its interactions with DNMT3A in gene expression regulation</b>	222	
Walavalkar, Kaivalya		
<b>Single-cell dynamics of genome-nucleolus interactions</b>	223	
Wang, Qiuyan		
<b>Maternal factor OTX2 regulates the initiation of human embryonic genome activation and early development</b>	224	
Weekley, Benjamin		
<b>Bidirectional histone monoaminylation dynamics regulate neural rhythmicity</b>	225	
Wendt, Kerstin	Presenter: Corazza, Francesco	
<b>Exploring the NIPBL-MAU2 interactome: new perspectives on chromatin landscape and gene regulation</b>	226	
Wiech, Anaïs		
<b>Exploring chromatin dynamics during varicella-zoster virus infection</b>	227	
Wu, Lillian		
<b>Centromere proteins bind gene regulatory regions along chromosome arms and influence transcription</b>	228	
Xiao, Tianyi		
<b>The pioneer transcription factor ELF2 remodels the nucleosome near transcription start sites</b>	229	
Xu, Qianhua	Presenter: Huang, Chunyi	
<b>H2A.Z is essential for oocyte maturation and female fertility in mouse</b>	230	

Yap, Rochelle	
<b>The role of RTT109 in facultative heterochromatin assembly and polycomb repression</b>	231
Yasmin, Komal	
<b>Why did nature choose Dnmt3b? Uncovering the novelty behind CpG island methylation in X inactivation</b>	232
Yildiz, Can	
<b>EphrinA5 regulates DNA methylation and gene expression by Snhg15-mediated DNMT1 targeting</b>	233
Z. Aeberhard, Marina	Presenter: Vieitez, Cristina
<b>Cracking the histone code in <i>S. cerevisiae</i></b>	234
Zhao, Yuling	
<b>Active role of histone acetylation in chromatin compartmentalization</b>	235
Zulfqar, Faiqa	
<b>Role of histone post translational modification in energy generation during stress</b>	236