001 Alexandre Erkine, Nucleosome detergents and histone chaperoning
002 Alonso J Pardal, Chromatin proteomics: minutely follow-up of histone chaperoning complexes
003 BALASUBRAMANI G L, Drug repurposing approach to target DNA gyrase from Mycobacterium tuberculosis
004 Kou-Juey Wu, Enrichment of nuclear N6-deoxyadenine methylation under hypoxia dictates nucleosome deposition and regulates gene expression
005 Shu-Chun Teng, SMYD3-Mediated H2A.Z Methylation prevents binding to the Chaperone ANP32E and Promotes Cell Cycle and Cancer Proliferation
006 JiaLing SHEN, Histone Chaperone FACT complex mediates oxidative stress response to promote liver cancer progression
007 Pascal BERNARD, Interplays between nucleosomes, the histone chaperone FACT and condensing shape mitotic chromosomes
008 Carol Cho, 3.5A Cryo-EM structure of the Abo1 AAA+ histone chaperone
009 Ann L. Kirchmaier, A CAF-1-Mediated Replication-Coupled Chromatin Assembly Pathway Prevents Inappropriate Silent Chromatin Formation via Promoting Histone Acetylation
010 Christopher Smith, The Role of FACT during Parental Nucleosome Inheritance
011 Arunkumar Ganesan, Oncogenic IncRNAs drive histone variant mislocalization in cancer cells
012 William Scott, Elucidating the ATRX Interactome: Exploring its Roles at Telomeres & in Cancer
013 Lin Xiao, Chromatin destabilization by CBL0137 and panobinostat leads to robust interferon response and disease regression in high-risk childhood cancer models
014 Dominique Ray-Gallet, Functional activity of the H3.3 histone chaperone complex HIRA requires trimerization of the HIRA subunit
015 Andrew Bowman, Cytosolic tether-and-release as a pulse-chase tool for probing histone dynamics
016 Colin Hammond, Characterisation of a novel histone chaperone linked to quality control of histone fold dimers
017 Gernot Längst, Targeting nc-RNA to chromatin – nucleosomes stabilize the formation of triple helices
018 Shweta Mendiratta, Investigating the role of histone chaperone ASF1 in cell cycle-dependent transcriptional regulation of histone genes in mammals
019 Imke K. Mandemaker, Molecular mechanisms underlying chromatin incorporation of macroH2A
020 Massimo Carraro, Proteomics and network analysis of histone chaperones cooperation in histone metabolism
021 Sara Shahnejat-Bushehri, Regulation of centromere function in Saccharomyces cerevisiae by the ATAD2 homolog Yta7
022 Stephanie Tran, Characterizing Primordial Dwarfism Associated Mutations and their Effects on the CMG Helicase
023 Ifetayo Ajayi, Phytochemical Screening of Tetrapleura Tetraptera and the Effect of its Dietary Inclusion on Expression of Some Neurodegeneration-related Oxidative Stress Genes in Drosophila Melanogaster
025 Celia Jeronimo, Transcribed chromatin, rather than RNA polymerase II itself, recruits FACT to active genes
026 Ed Luk, The molecular basis of DEF/Y—a histone binding motif—in ATP-dependent H2A.Z deposition
027 Amit Lalwani, Inhibition of FACT disrupts the transcriptional activity of MYCN in neuroblastoma
028 Harald Wodrich, Functional chromatin extraction and single genome imaging reveals chromatin dynamics of incoming adenoviral genomes
029 Pei-Shang Wu, Deletion of the budding yeast HMGB protein Nhp6 restore generation of damage induced cohesion in PolI-deficient cells
030 Nithya Ramakrishnan, Computational Analysis of Histone Post-translational Modification Pairs and their Influence on Genes
031 Minh Bul, Deregulation of Histone H1 Modifications in Cancer Cells
032 Laura Bryant, Mutations in the Chaperone Binding Site of Histone H3.3 Causes a Novel Neurodevelopmental Syndrome in Children
033 Francesca Mattioli, Mechanism of nucleosome assembly during DNA replication
034 Debasree Dutta, Histone chaperone APLF in regulation of EMT involved in development and disease
035 Clément Rouillon, Mechanism of CAF-1-dependent nucleosome assembly during DNA replication
036 Ruben Rosas Ospina, Structural Mechanism of DNA Binding by CAF-1
038 Ivan Corbeski, A chaperone that assembles the histone octamer for nucleosome assembly

Poster session 2, Tuesday October 8, 17:00-19:00

039 Olga Vlasova, FACT localization in cell nuclei under influence of minor groove binding ligands and natural DNA-binding polyphenols
040 Lee Wong, Roles of ATRX and histone H3.3 in driving the ALTernative Lengthening of Telomeres Pathway in cancers
042 Sambit Dalui, Biophysical and Biochemical characterisation of Testis-specific Y-encoded-like protein 5: new participants of the NAP Histone chaperone family
043 Giulia Saredi, H4K20me0 primes post-replicative chromatin for error-free DNA repair via recruitment of homologous recombination factors
044 Wencong Cui, Thomas Sternsdorf, Identification of novel Interactors of the H3.3 Histone Chaperone subunit Daxx using Proximity-mediated biotin identification
(BioID), reveals unexpected crosstalk between seemingly different epigenetic processes

045 For Fan Chan, Deregulation of histone chaperone CAF-1 in liver cancer
047 Timur Fetisov, Natural polyphenols as DNA-dependent inhibitors of PARP1 in terms to cancer prevention
048 Teresa Sposito, Histone replacement in cancer: dissecting the role of H3.3 chaperone DAXX in pancreatic tumorigenesis
049 Rhiannon Aguilar, Structure and mechanism of CAF-1, a replication-dependent H3/H4 chaperone
050 Teresa Carlomagno, Histone chaperone exploits intrinsic disorder to switch acetylation specificity
051 Ina Theofel, The role of the histone chaperone Nap1/1 in chromatin reorganisation in mammalian development
052 Alejandra Loyola, Unveiling the molecular mechanisms of newly synthesized histone H3 maturation
053 Laura Prendergast, Histone chaperone FACT is essential to overcome replication stress in mammalian cells
054 Jan Postberg, Dissecting the role of histone chaperones during 27nt-RNA guided histone variant deposition via ‘RNA-induced DNA replication interference’ in Stylonychia
055 Rinky Rajput, Drug repurposing approach to target nucleoid-associated protein HU in Mycobacterium tuberculosis: Insights from Computational and Biophysical Studies
056 Anton Pembaur, On the selectivity of histone chaperones in the differential transnuclear trafficking of histone variants and their relevance for programmed chromatin elimination in Stylonychia
057 Ji-Joon Song, Structural and molecular basis of histone H3/H4 deposition by AAA+ ATPase
060 Duygu Yilmaz, Centromeric chromatin permits Double Strand Break repair by homologous recombination in G1
061 Fred Winston, Factors that Control Transcriptional Accuracy, Chromatin Integrity, and Genome Stability
062 Patrick Philipp Weil, The pathophysiological relevance of abnormal expression of tissue-specific histone variants and deviants in the course of tumor progression and their interaction with histone chaperones
064 Barbara Safaric, Single molecule FRET reveals nucleosome rearrangements upon FACT engagement
065 Marianna Yakubovskaya, DNA-dependent effects of natural polyphenols with anticancer activity
066 Faith Fowler, Assembly of Nucleosomes onto Single-Stranded DNA Occurs During Homologous Recombination and is Required for DNA Repair
Hilary Brewis, What makes a histone variant: determination of amino acids that confer to H2A.Z’s unique functions

Steven Josefowicz, Phosphorylation of the ancestral histone variant H3.3 amplifies stimulation-induced transcription

Martina Dvorackova, NAP-deletion suppresses fas1 mutant phenotype and enhances genome stability

Martina Nešpor Dadejová, CAF1 Deficiency is Suppressed by Deletion of NAP1 Genes in Arabidopsis Thaliana

Kirill Kirsanov, Histone Methylation and Acetylation as the Epigenetic Basis of Natural Polyphenol Activity

Varvara Maksimova, Epigenetic reactivation of transcription by carcinogens, pesticides and organic solvents

Anna Fortuny González, Heterochromatin maintenance following UVC damage

Clare Jelinska, Structure and Mechanisms of the ATRX/DAXX Tumor Suppressor Complex

Ed Luk, Thermosensitive nucleosome editing reveals the role of DNA sequence in targeted histone variant deposition