

THE 44<sup>th</sup>  
**FEBS**  
**CONGRESS**  
6-11 JULY 2019  
Krakow, Poland



**FINAL  
PROGRAMME**

[2019.febscongress.org](http://2019.febscongress.org)

EPIGENETICS AND PROTEIN GLYCOSYLATION

P-37-002	Overcoming bortezomib resistance by HDAC6-selective inhibitor in multiple myeloma	Kwon	So Hee	South Korea
P-37-003	Modulation of poly(ADP-ribose) polymerase 1 activity and chromatin condensation in thymocyte and liver nuclei after treatment of rats with tannic acid	Asatryan	Anush	Armenia
P-37-004	Rad6 is critical for the translation of ubiquitylated H2B signal to H3K4 trimethylating activity of Set1/COMPASS	Lee	Jung-Shin	South Korea
P-37-005	Glycation of fibrinogen affects FXIII-induced crosslinking and shear flow response of fibrin networks	Piechocka	Izabela	Poland
P-37-006	A continuous activity assay for HDAC11 enabling re-evaluation of HDAC inhibitors	Kutil	Zsofia	Czech Republic
P-37-007	Different mechanisms of vitamin D receptor gene expression or silencing in blood cells of mice and man	Nowak	Urszula	Poland
P-37-008	Folic acid modifies DNA methylation machinery and remodels promoter methylation profile of selected tumor suppressor genes in normal-like mammary epithelial MCF10A cells	Lubecka	Katarzyna	Poland
P-37-009	Piperine inhibits adipocyte differentiation via dynamic regulation of histone modifications	Park	UiHyun	South Korea
P-37-010	Construction and analysis of an interactome between nucleosomes and chromatin proteins	Gribkova	Anna	Russia
P-37-011	Accurate and high-throughput, targeted multiplex quantification of CpG methylation without DNA extraction and bisulfite treatment	Zheng	Zhi	China
P-37-012	The effect of Suv39H1 histone methyltransferase knock-out in keratinocytes on epidermal differentiation process	Sobiak	Barbara	Poland
P-37-013	Clofarabine inhibits DNA methylation machinery, upregulates tumor suppressor genes and induces apoptosis of ALL cells	Kaufman-Szymczyk	Agnieszka	Poland
P-37-014	Identification and Analysis of Super-Enhancers as Novel Biomarkers and Potential Therapeutic Targets for Age-Associated Diseases	Orlova	Natalia	Russia
P-37-015	Fc-linked N-glycosylation of murine IgG1 variants	Zaitseva	Olga	Croatia
P-37-016	Altered expression of T cell glycosyltransferases in Graves' disease	Ząbczyńska	Marta	Poland
P-37-017	Epigenetic mechanism involved in regulation of two immunity factors in cervical cancer	Fudulu	Alina	Romania
P-37-018	Role of direct MLE – CLAMP interaction in recruiting of dosage compensation complex on the male X chromosome in Drosophila	Tikhonova	Evgeniya	Russia
P-37-019	Insulator binding sites can modulate PREs activity in Drosophila melanogaster	Gorbenko	Fedor	Russia

LB-37-01	Identification of esse O-mannosyl transfer for protein glycosyla
LB-37-02	New insights into nu conserved TOR kins:
LB-37-03	Epigenetic modulator (SAHA) inhibits activi proliferation of gliobla
LB-37-04	The SWI/SNF ATP-de remodelling complex environmental chang manner
LB-37-05	Identification of evolu interdependence bet chromatin remodeling Arabidopsis
LB-37-06	Chromatin interaction around the β-globin lo GATA1-dependent his
LB-37-07	The expression of glyci in CD4+ T cells in Ha

GENOME EDITING (CRISPR)

P-38-001	Nuclear receptor ROF cholesterol synthesis
P-38-002	DNA lesions against g cleaves the substrates
P-38-003	Modulation of snoRNA/ using CRISPR/Cas9 tc
P-38-004	Mild hypothermia and frequency of homolog DNA repair in HEK cel
P-38-019	Revealing the functiona breast cancer cells thro gene knockout
P-38-014	Photocleavable guide genome editing with C
P-38-009	A novel approach to di mechanisms in autoim
P-38-007	CRISPR Cas9 system f cellulolyticum
P-38-011	A diagnostic panel of H knockouts of the genes and its use for the deve enteroviruses
P-38-010	Development of constri PR/Cas9 system for stu nonical mismatch repa
P-38-006	Pasteurella pneumotroq sediminicola Cas9 orth