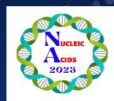


6th International Conference on
Nucleic Acids: Research and Therapeutics

Theme: Exploring the structural and functional aspects of DNA and RNA

January 27, 2023



CST: 09:00 AM
 EST: 10:00 AM
 GMT (London): 03:00 PM
 MSK (Russia): 06:00 PM
 CST (China): 11:00 PM



Scientific Program

(January 27, 2023)

Time Zone (BST)	London (GMT): 03:00 PM CST: 09:00 AM (EST: 10:00 AM MSK: 6:00 PM)
03:00-03:10	Introductory Remarks
	Speaker Sessions
03:10-03:35	Title: TBA S. Stephen Yi, The University of Texas at Austin, USA
03:35-04:00	Title: Obesity stimulates genetic instability at cancer-associated mutation hotspots Karen M. Vasquez, The University of Texas at Austin, USA
04:00-04:25	Title: Bypass of nitrogen mustards-induced alkylation damage Seongmin Lee, The University of Texas at Austin, USA
04:25-04:50	Title: Polymeric mRNA cancer vaccine Pei Huang, Shanghai Jiao Tong University, China
04:50-05:15	Title: DNA sequence and internucleosomal interactions are critical factors for the compact assembly of chromatin arrays Yuri L. Lyubchenko, University of Nebraska Medical Center, USA
05:15-05:40	Title: Multi-faceted regulation of the sumoylation of the Sgs1 DNA helicase in genome maintenance Xiaoyu Xue, Texas State University, USA
05:40-06:05	Title: Function of viral genomic structural RNA elements and their potential as antiviral targets Alfredo Berzal-Herranz, Instituto de Parasitología Biomedicina "López-Neyra", Spain
06:05-06:30	Title: CRISPR-directed gene editing in solid tumors – A therapeutic approach Pawel Bialk, ChristianaCare Gene Editing Institute, USA
06:30-06:55	Title: Novel chemical modifications of guide RNA and mutant Cas9 proteins for improved CRISPR/Cas9 genome editing Elizaveta Akhmetova, Skolkovo Institute of Science and Technology, Russia
06:55-07:20	Title: Roles of the histone deacetylases Rpd3 and Hst1 in the regulation of NAD+ metabolism in the budding yeast saccharomyces cerevisiae Su-Ju Lin, University of California, Davis, USA
07:20-07:25	Break
07:25-07:50	Title: Synthetic oligonucleotides: potential therapeutic applications and search of new targets in vitro Olga Sergeeva, Skolkovo Institute of Science and Technology and Genterra JSC, Russia
07:50-08:15	Title: Erosion of epigenetic memory reactivates the same type of transposons in the blood cells of several AML patients: meaning and significance of TE reactivation Antonio Pezone, University of Naples Federico II, Italy
08:15-08:40	Title: Structure of TFIIF/Rad4-Rad23-Rad33 on damaged DNA in nucleotide excision repair Kenji Murakami, University of Pennsylvania, USA
08:40-09:05	Title: IMGT®, the international ImMunoGeneTics information system® Nika Abdollahi, University of Montpellier, France
09:05-09:30	Title: The 30-subunit human mediator complex and its connection to cancer Murat Alper Cevher, Ihsan Dogramaci Bilkent University, Turkey
	ENDING STATEMENT