

KONAN RESEARCH SUMMIT

-Program-

December 4 (Tue)

14:00-14:10	Opening Remarks <u>Naoki Sugimoto</u> (FIBER and FIRST, Konan University, Japan)
14:10-14:50 Lecture-1	<u>Naoki Sugimoto</u> (FIBER and FIRST, Konan University, Japan) Functions of Nucleic Acids with Non-canonical Structures: To B or not to B
14:50-15:30 Lecture-2	<u>Dmitry A. Stetsenko</u> (Siberian Branch of the Russian Academy of Sciences, Russia) Mesyl Phosphoramidate Oligodeoxynucleotides (μ -ODN): A New Promising Type of Antisense Agents
15:30-15:50	Break
15:50-16:30 Lecture-3	<u>Roland Winter</u> (TU Dortmund University, Germany) Interrogating the Free-Energy Landscape and Structural Dynamics of Biomolecular Systems by Pressure Modulation

December 5 (Wed)

10:30-12:30	Poster Session
12:30-15:00	Lunch
15:00-15:40 Lecture-4	<u>Scott K. Silverman</u> (University of Illinois at Urbana-Champaign, USA) DNA as an Enzyme for Peptide and Protein Modification and Other Reactions
15:40-16:20 Lecture-5	<u>Marie-Paule Teulade-Fichou</u> (CNRS and Institut Curie, France) Targeting Quadruplex Nucleic Acids: From Chemical Biology Tools to Drug Prototypes

December 6 (Thu)

10:00-10:40 Lecture-6	<u>Dongsheng Liu</u> (Tsinghua University, China) The Frame Guided Assembly
10:40-11:20 Lecture-7	<u>Claudia Sissi</u> (University of Padova, Italy) DNA Structural Elements as Potential Target for Regulation of Gene Expression
11:20-11:40	Break
11:40-12:20 Lecture-8	<u>Julian E. Sale</u> (MRC Laboratory of Molecular Biology, UK) Monitoring the Replication of Structured DNA through the Lens of the Epigenome
12:20-12:40	Awards Ceremony Closing Remarks <u>Kensuke Akamatsu</u> (FIRST, Konan University, Japan)