

FISNA 2024

FIBER International Summit for Nucleic Acids 2024

Pre-symposium of IRT2024 in Kobe

8/30 Fri
9/2 Mon

Venue Konan University Port Island Campus 7F Lecture Hall
Organized by Konan University, Frontier Institute for Biomolecular Engineering Research (FIBER)
Jointly organized by JSPS Core-to-Core Program,
 The Japan Society of Nucleic Acids Chemistry (JSNAC),
 IS3NA(<https://www.is3na.org/>)

Invited Speakers



Piet Herdewijn
KU Leuven, Belgium



Daniela Montesarchio
University of Naples Federico II, Italy



Katrin Paeschke
University Hospital Bonn
Hospital Bonn, Germany



Kathie Seley-Radtke
University of Maryland, Baltimore
County, U.S.A



Chaoyong Yang
Xiamen University, China

**8/
30
Fri**

- 11:30-12:00
Shuntaro Takahashi Konan University, Japan
Twisting of i-motif DNA for functionalization in diverse crowding conditions
- 12:00-13:00 — Lunch
- 13:00-13:40
Daniela Montesarchio University of Naples Federico II, Italy
Targeting cancer-related G-quadruplex structures by small-molecule ligands
- 13:45-14:25
Piet Herdewijn KU Leuven, Belgium
Base modified nucleic acids, hydration and stability of dsDNA
- 14:25-14:50 — Break
- 14:50-15:20
Daniela Verga Institut Curie
Photoactivatable Warheads for Photoaffinity Labeling of G-quadruplex Structures/ligands
- 15:25-15:55
Anna M. Kietrys Carnegie Mellon University, U. S. A.
Acylation strategies for RNA-based therapies
- 15:55-16:20 — Break
- 16:20-17:00
Katrin Paeschke University Hospital Bonn
Hospital Bonn, Germany
DHX36 - a negative regulator of the type I interferon response
- 17:05-17:45
Chaoyong Yang Xiamen University, China
Dendrimeric DNA Coordinate Barcoding Design for Spatial RNA Sequencing

**9/
2
Mon**

- 9:20-10:00
Kathie Seley-Radtke University of Maryland, Baltimore County, U. S. A
Flex-nucleosides – a strategic approach to broad-spectrum antiviral therapeutics
- 10:05-10:35
Raahul Sriram Carnegie Mellon University, U. S. A
γPNAs as modulators of biomolecular condensates associated with Amyotrophic Lateral Sclerosis
- 10:40-11:10
Ilaria Frasson University of Padova, Italy
Exploring the complexity of G-quadruplexes and i-Motifs in HSV-1 infection
- 11:10-12:20 — Lunch
- 12:20-12:50
Ilze Kumpina Binghamton University,
Enhancing Stability of RNA2-PNA Triplexes Through Nucleobase Modifications
- 12:55-13:25
Taylor D. Prieto Otoyá University of Reading, U.K
Ruthenium polypyridyl complexes for DNA recognition



It would be appreciated if those who intend to participate in "FIBER International Summit for Nucleic Acids (FISNA) 2024", apply to it via following website.

<https://konan-fiber.jp/archives/4642>

<https://konan-fiber.jp/en/archives/981>

If you have any inquiries after the application deadline, please don't hesitate to contact us.

Application due date:

Aug., 29, 2024 (~ 13:00)



Contact information



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<http://www.konan-fiber.jp>