

9th NMR research workshop



NMR structural studies: From organic compounds to biological macromolecules

Friday, 6.12.2019

Zbilje, Slovenia



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Program

09:00-09:30	Thomas Mavromoustakos , Delivery Systems for Drug Optimization Properties
09:30-10:00	Maria Toplishek , NMR study of DNA:RNA hybrids under conditions of molecular crowding
10:00-10:30	Vesna Štih , Determining the structure of a small RNA involved in stress response
10:30-11:00	Stasé Bielskutė , Alternative G-quadruplex structures in human promoter regions
11:00-11:20	<i>Coffee break</i>
11:20-11:50	Simon Aleksič , G-quadruplex in a G4-helicase promoter
11:50-12:20	Matic Kovačič , NMR structural study of truncated reflectin protein evolved by cephalopod species
12:20-12:50	Aleš Novotný , AGCGA quadruplexes - NMR study of sequence extensions
12:50-13:20	Monika Škrjanc , Non-targeted NMR analysis of Slovenian wine
13:20-13:50	Daša Pavc , Cation concentration regulates folding pathway of short G-rich oligonucleotide
13:50-14:50	<i>Lunch</i>
14:50-15:20	Chiara Platella , On the interaction of an anticancer trisubstituted naphthalene diimide towards G-quadruplexes of different topologies: a structural insight
15:20-15:50	Gurle Firat Aydin , Unusual Dimerization of a Retroviral Sequence
15:50-16:20	Alen Šadl , NMR study of repetitive DNA comprising GC steps
16:50-17:20	Kateřina Peterková , Effect of ligand binding on a G4 structure
17:20-17:50	Ivo Durnik , Interaction of aromatic moiety with G-quadruplex: Computational perspective
17:50-18:20	Uroš Javornik , Structural study of metal DNA
18:20	Janez Plavec , Concluding remarks
18:30-	<i>Workshop dinner</i>

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Participants with their affiliation

#	Participant	Affiliation
1	Katerina Peterkova	<i>National Institute of Chemistry</i>
2	Vesna Štih	<i>National Institute of Chemistry</i>
3	Stase Bielskute	<i>National Institute of Chemistry</i>
4	Peter Podbevšek	<i>National Institute of Chemistry</i>
5	Primož Šket	<i>National Institute of Chemistry</i>
6	Matic Kovačič	<i>National Institute of Chemistry</i>
7	Simon Aleksič	<i>National Institute of Chemistry</i>
8	Maria Toplishek	<i>National Institute of Chemistry</i>
9	Martina Lenarčič Živković	<i>National Institute of Chemistry</i>
10	Alen Šadl	<i>National Institute of Chemistry</i>
11	Aleš Novotny	<i>National Institute of Chemistry</i>
12	Janez Plavec	<i>National Institute of Chemistry</i>
13	Daša Pavc	<i>National Institute of Chemistry</i>
14	Damjan Makuc	<i>National Institute of Chemistry</i>
15	Mirko Cevec	<i>National Institute of Chemistry</i>
16	Tjaša Drolc	<i>National Institute of Chemistry</i>
17	Monika Škrjanc	<i>National Institute of Chemistry</i>
18	Uroš Javornik	<i>National Institute of Chemistry</i>
19	Gurle Firat Aydin	<i>National Institute of Chemistry</i>
20	Marko Trajkovski	<i>National Institute of Chemistry</i>
21	Anamarija Novak	<i>National Institute of Chemistry</i>
22	Chiara Platella	<i>University of Naples Federico II, Naples</i>
23	Thomas Mavromoustakos	<i>Department of Chemistry, National Hellenic Research Found, Athens</i>
24	Eleni Chontzopoulou	<i>Department of Chemistry, National and Kapodistrian University of Athens</i>
25	Ivo Durnik	<i>Masaryk University, Brno</i>