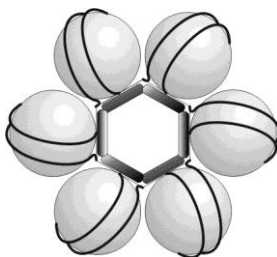




Institute of Chemical Biology & Fundamental Medicine SB RAS

The Fourth Meeting of the
CNRS Laboratoire International Associé
NUCPROT

**« Biogenesis, structure and reactivity of nucleic acids
protein assemblies important for health and disease »**



June 23-25, 2015

Akademgorodok, Novosibirsk, Russia

PROGRAMME AND SCHEDULE

DAY 1: June 23, Tuesday

18:00 – 18:30 Registration (Hotel «Zolotaya Dolina»)

19:00 Get-together party (Restaurant of Hotel «Zolotaya Dolina»)

DAY 2: June 24, Wednesday

10:00-10:20

Opening ceremony (Conference Hall of Institute of Chemical Biology and Fundamental Medicine SB RAS)

Valentine Vlassov

Academician RAS, LIA Director

Olga Lavrik

RAS Corresponding Member

Alain Krol

LIA Coordinator

Chairperson: Professor Galina Karpova

10:20-10:50

Philippe Dumas

Architecture et Réactivité de l'ARN-CNRS,
Strasbourg (France)

Kinetic mechanism of RNA-mediated genetic regulation

10:50-11:20

Olga Dontsova

A.N. Belozersky Research Institute of Physicochemical Biology –
Moscow State University (Russia)

Unusual features of telomerase and novel telomerase inhibitors

11:20-11:40

Coffee break // Poster session

11:40-12:10

Dmitri M. Graifer

Institute of Chemical Biology and Fundamental Medicine,
Novosibirsk (Russia)

Molecular contacts of ribose-phosphate backbone of mRNA with human ribosome

12:10-12:40

Alexey Malygin

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

Role of the hydroxylated His216 of human ribosomal protein uL2 in maintenance of the structure of the peptidyl transferase center of ribosome

12:40-13:10

Olga Kossinova

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

Deciphering the mechanism of mammalian selenoprotein synthesis

13:10-14:30

Lunch (Restaurant «Vkusniy Centr»)

Chairperson: Professor Marina Zenkova

14:30-15:00

Yaser Hashem

Architecture et Réactivité de l'ARN-CNRS,
Strasbourg (France)

Cryo-electron microscopy of ribosomal complexes

15:00-15:30

Yaroslav Staroselets

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

Nonenzymatic recombination of RNA: detection of novel sequences by next-generation sequencing

15:30-16:00

Tat'yana Kabilova

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

Antitumor and antimetastatic effect of short immunostimulating dsRNA against hepatocellular carcinoma G29 and melanoma B16

16:00-16:30

Coffee Break // Poster Session

16:30-17:00

Oleg Markov

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

Prophylactic dendritic cell-based vaccines display high potential in treatment of metastatic tumours

17:00-17:20

Ludmila Alekseeva

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

Search for correlation between concentration of extracellular DNA and deoxyribonuclease activity of blood plasma of patients with different tumors under the treatment with DNase I in oral form (O'Shadi D)

17:20-17:50

Alexey Evdokimov

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

The detection of nucleotide excision repair activity

DAY 3: June 25, Thursday

Chairperson: Professor Olga Lavrik

9:30-10:00

Nina Moor

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

Quantitative characterization of protein-protein complexes involved in base excision DNA repair

10:00-10:30

Elizaveta Alemasova

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

Multifunctional protein YB-1 as a potential regulator of the DNA clustered lesions repair

10:30-11:00

Anastasiya A. Kosova

Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (Russia)

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) interacts with apurinic/apyrimidinic sites in DNA

11:00-11:20

Coffee Break // Poster Session

11:20

Alain Krol

Architecture et Réactivité de l'ARN-CNRS, Strasbourg (France)

LIA: concluding remarks and perspectives

Closing ceremony

Lunch (Restaurant «Vkusniy Centr»)

13:30 *Tour to Novosibirsk (Guided in French)*

19:30 *Banquet (Restaurant of House of Scientists)*