

Российско-французская конференция
"Химия в молекулярной биологии"

ВТОРОЕ ИНФОРМАЦИОННОЕ ПИСЬМО

Дорогие коллеги,

Российско-французской конференции "Химия в молекулярной биологии" состоится на кафедре Химии природных соединений Химического факультета МГУ имени М.В. Ломоносова 16 – 19 декабря 2011 года.

Место проведения конференции – Лабораторный корпус "А", адрес: Москва, Ленинские горы, д.1, стр. 40, 119992.

Рабочий язык конференции: английский.

Будем очень рады вас видеть!

Программа конференции:

Friday, 16 December		Arrival of the participants	
Saturday, 17 December			
Date, time	participant	affiliation	report
10.00-10.15	Olga Dontsova, Alain Krol, Alexey Bogdanov	Moscow, Russia; Strasbourg, France; Moscow, Russia	Opening ceremony
10.15-10.45	Olga Lavrik	Novosibirsk, Russia	DNA repair mechanisms providing human genome stability: new activities and pathways
10.45-11.15	Alexei Bogdanov Jr	Massachusetts, USA	ODN duplex sensors based on fluorescence lifetime changes of cyanine dye pairs
11.15-11.45	Tatyana Oretskaya	Moscow, Russia	Controlling the DNA hydrolysis by light
11.45-12.05	coffee break		
12.05-12.35	Galina Karpova	Novosibirsk, Russia	Ribosomal proteins peptides involved in organization of the mRNA binding center of the human ribosome as revealed from a site-directed cross-linking

12.35-12.50	Leonid Aseev	Moscow, Russia	Stringent response is critical for survival of Escherichia coli upon treatment with inhibitors of aminoacyl-tRNA-synthetases, microcin C and albomycin
12.50-13.05	Anna Shishkina	Moscow, Russia	Macrolide antibiotics in ribosomal tunnel study
13.05-13.20	Ilya Osterman	Moscow, Russia	Attenuation based dual fluorescent protein reporter for translation inhibitors screening
13.20-13.35	coffee break		
13.35-13.50	Piotr Kamenski	Tartu, Estonia	The new translation initiation factor in yeast mitochondria: dry and wet identification
13.50-14.05	Ilya Terenin	Moscow, Russia	A novel mechanism of eukaryotic translation initiation that is neither m7G-cap-, nor IRES-dependent
14.05-14.35	Nina Entelis	Strasbourg, France	5S rRNA on the turn: using a chaperone conveyor to target a cytosolic RNA into human mitochondria
14.35-...	lunch and visit to laboratories		
Sunday, 18 December			
Date, time	participant	affiliation	report
14.00-14.30	Marie Sissler	Strasbourg, France	Structural and biophysical properties of a mitochondrial tRNA synthetase involved in neurodegeneration
14.30-15.00	Alexandre Varnek	Strasbourg, France	Protein-ligand fingerprints...or docking without docking
15.00-15.30	Petra Hellwig	Strasbourg, France	Structure, function and dynamics of proteins studied by reaction induced infrared spectroscopy
15.30-15.45	Elena Rodina	Moscow, Russia	Structural and functional characterization of class I fructose-1,6-bisphosphate aldolase from E.coli
15.45-16.05	coffee break		
16.05-16.20	Denis Ilyushin	Moscow, Russia	Sialylation as a novel approach of long-live recombinant human butyrylcholinesterase obtaining
16.20-16.35	Sofya Lushchekina	Moscow, Russia	QM/MM modeling of the G117H butyrylcholinesterase catalyzed echothiophate hydrolysis reaction mechanism
16.35-16.50	Elena Smekalova	Moscow, Russia	Telomerase in thermotolerant yeast H. polymorpha
16.50-17.05	Olga Shubernetskaya	Moscow, Russia	Internal telomere repeats associated regions in chromatin structuring
17.05-17.20	Artemy Beniaminov	Moscow, Russia	A search for specific proteins binding to the brain noncoding RNA HAR1
17.20-17.40	coffee break		
17.40-17.55	Aleksandra Ryazanova	Moscow, Russia	Crosslinking of (cytosine-5)-DNA methyltransferase SsoII and its complexes with specific DNA duplexes provides an insight into their structures

17.55-18.10	Ekaterina Knyazhanskaya	Moscow, Russia	The use of artificial "zinc-finger" for directed DNA integration
18.10-18.40	Alain Krol	Strasbourg, France	Alternate reading of the genetic code : molecular basis for selenoprotein biosynthesis
18.40-18.50	Olga Dontsova, Alain Krol	Moscow, Russia; Strasbourg, France	Concluding remarks
19.00-...	conference dinner		
Monday, 19 December		Departure of the participants	

Организационный комитет:

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