

# Russian-French Links in Biology and Medicine

## 13 September 2011 (Day 1)

9:30-10:00 – Conference Opening Ceremony.

Welcome speech by a co-chair of the conference organizing committee Sergei G. Inge-Vechtomov

10:00-12:30

### RUSSIAN-FRENCH LINKS IN BIOMEDICINE IN THE LATE 19<sup>TH</sup>-20<sup>TH</sup> CENTURIES

Jean-Claude Dupont (*CHSSC, Université de Picardie, Amiens, France*). Russian medicine between France and Germany : some interactions « *fin de siècle* ».

Liva Pormalé (*CHSSC, Université de Picardie, Amiens, France*). The Faculty of Medicine of Dorpat in the 19th century : development, personalities and research on the nervous system.

Vladimir O. Samoilov (*Military-Medical Academy / St. Petersburg State Polytechnic University, St. Petersburg, Russia*). The influence of French scholars upon the development of physiology in Russia.

Céline Cherici (*SPHERE, Université de Paris 7, France*). Electroencephalography and brain activity : From Russian experiments to French researches between 1912 and 1960.

Yuri P. Golikov, Victor M. Klimenko (*Research Institute of Experimental Medicine, North-West Branch of RAMS, St. Petersburg, Russia*). The Institute of Experimental Medicine and Russian-French links in neurophysiology in XX century.

13:30-15:30

### RUSSIAN-FRENCH LINKS IN NEUROSCIENCES

Jean Massion (*CNRS, Marseille, France*). From automatic to voluntary movements : evolution of concepts in 19th century and the first half of 20 th century.

Alexander A. Frolov and Elena V. Biryukova (*Institute of Higher Nervous Activity and Neurophysiology, RAS, Moscow, Russia*). Biomechanical analysis of the movement as a method of functional diagnostics: background in the light of French-Russian connection.

François Clarac (*CNRS, Marseille, France*). History of nervous automatisms : From the « machine » of Descartes to the notion of « Central Pattern Generator (CPG) ».

Marat E. Ioffe (*Institute of Higher Nervous Activity and Neurophysiology, RAS, Moscow, Russia*). Russian and European physiologists on the movement animation.

16:30-18:30

### RUSSIAN-FRENCH LINKS IN BIOLOGY FROM THE 19<sup>TH</sup> CENTURY TILL WORLD WAR II

Armelle Le Goff (*Archives Nationales, Paris, France*). Scientific partnerships between Russian and French anthropologists and zoologists: a survey of sources.

Anastasia A. Fedotova (*St. Petersburg branch of the Institute for the history of science and technology, RAS, Russia*) A "Veterinary" research trip to Paris made by the soil scientist Pavel Kostychev.

Lloyd Ackert (*Department of History and Politics, Drexel University, USA*) A Russian Pasteurian: Sergei Winogradsky's French Career at Brie-Compte-Robert.

Sergey I. Fokin (*St. Petersburg State University, Russia*). Biologists S.I.Metalnikov (1870-1946) and K.N. Dawidov (1877-1960) in France.

## 14 September 2011 (Day 2).

10:00-11:30

### RUSSIAN-FRENCH LINKS IN BIOLOGY FROM THE 19<sup>TH</sup> CENTURY TILL THE WORLD WAR II (CONTINUED)

Irina E. Sirotkina (*Institute for the History of Science and Technology, RAS, Moscow, Russia*) The Physiologist Victor Henri (1872-1940) between Russia and France.

T.A. Kursanova (*Institute for the History of Science and Technology, RAS, Moscow, Russia*) Nikolay Vavilov and the French plant breeders.

A.V. Polevoi (*St. Petersburg branch of the Institute for the history of science and technology, RAS, Russia*) Parisian period of V.N. Lyubimenko's work.

12:30-14:30

### RUSSIAN-FRENCH LINKS IN BIOLOGY AFTER THE WORLD WAR II:

Galina Zhouravleva (*St. Petersburg State University, Russia*) France-Russian cooperation to study the regulation of protein synthesis.

Cristiana Pavie (*Centre François Viète, Université d'Angers, France*). Fruit tree breeding. Problems, practices and plant exchanges between France and USSR (1960-1980).

Nadezhda V. Slepikova (*Zoological Institute, RAS, St. Petersburg, Russia*). The main directions of scientific contacts of Zoological Institute of the Academy of sciences in Leningrad with zoologists of France (1950th – 1986).

Alexey V. Smirnov (*Zoological Institute, RAS, St. Petersburg, Russia*). Pavel Vladimirovich Uschakov and his role in Russian-French links in biological oceanography.

15:30-17:30

### THE RECEPTION OF FRENCH BIOLOGY IN RUSSIA AND RUSSIAN BIOLOGY IN FRANCE:

Eduard I. Kolchinsky (*St. Petersburg branch of the Institute for the history of science and technology, RAS, Russia*) Francophone Catastrophism and the development of evolutionary theory in Russia

Andrei K. Sytin (*Komarov Botanical Institute, RAS, St. Petersburg, Russia*) Augustin Pyrame de Candolle and his Russian correspondents.

Stéphane Tirard (*Centre François Viète, Université de Nantes, France*). Marcel Prenant (1893-1983): between biology and Marxism.

Mikhail B. Konahsev (*St. Petersburg branch of the Institute for the history of science and technology, RAS, Russia*). The reception of Teilhard de Chardin and Th. Dobzhansky evolutionary concepts.

18:00-19:00 Roundtable discussion