



History of the neurosciences in France and Russia

From Charcot and Sechenov to IBRO

Jean-Gaël Barbara
Jean-Claude Dupont
Irina Sirotkina



HERMANN
Histoire des sciences

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Edited by

Jean-Gaël Barbara, Jean-Claude Dupont & Irina Sirotkina

This book provides a vivid description and analysis of the intense relations between the experimental physiology of Claude Bernard and the birth of Russian physiology in the second part of the 19th c. It also provides accounts of successive international exchanges in the field of the sciences of the nervous system before, during and after the Stalinist period. The aim of this work is to highlight the scientific consequences when French and Russian research schools, depending on the political regime, engaged in discussions or remained isolated in neurophysiology and related fields. It appears that long-lived Franco-Russian relations played a major role in the birth of international neurophysiology both at the turn of the 20th c. and after the death of Stalin. The new encounter between Eastern and Western scientific schools gave birth to, and still continues to support transdisciplinary research, on topics such as Pavlovian heritage and Russian precyberneticians, on the border of different scientific cultures



ISBN 978 2 7056 8211 8



9 782705 682118

29 €

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Most of the articles of this book were presented at a symposium held at the *Université Pierre et Marie Curie*, Paris), on April 17 and 18, 2008. The symposium was organised under the patronage of Pierre Buser from the French *Académie des sciences*, Paris, in the frame of the French-Russian exchange program directed by J.G. Barbara and A. Frolov. It was supported by the French national funding agency CNRS, the Russian Academy of Sciences and the Russian Foundation for Basic Research. The editors thank Chantal Barbara, Laurent Reynet, and anonymous reviewers fro their helpful comments on the manuscript.

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