Functional Near Infrared Spectroscopy, Part 1

Judit Gervain
Joseph P. Culver
Functional Near Infrared Spectroscopy, Part 1

Judit Gervain
UMR 8242 CNRS-Paris Descartes
Laboratoire Psychologie de la Perception
45 rue des Saints-Pères, Paris, 75006, France

Joseph P. Culver
Washington University School of Medicine
Department of Radiology
Campus Box 8225
4525 Scott Avenue
St. Louis, Missouri 63110, United States

This special section brings together papers presented at the fNIRS 2016 conference (http://www.fnirs2016.org/) held in October 2016 in Paris, as well as other contributed papers on near-infrared spectroscopy. The conference had sessions covering the development and use of NIRS spanning the topics of neurodevelopment, brain and systemic physiology, clinical applications, multimodal monitoring, hardware development, global fNIRS, neonatal and pediatric applications, data analysis, and neurocognition.

The following six papers are published as Part 1 of the special section. The second part, expected to appear in the October–December 2017 issue, will contain the rest of the papers and will be accompanied by a full editorial.