Preface

The XIV International Symposium on Brain Edema and Brain Tissue Injury took place in Warsaw, Poland, on 11–14 June 2008.

Two prominent members of the International Society for Brain Edema: Dr. Igor Klatzo and Dr. Julien Hoff have passed away after the last 2005 Symposium in Ann Arbor, USA. Dr. Igor Klatzo was actually the founder of the Society, and the Advisory Board decided to commemorate Dr. Igor Klatzo by introducing a lecture named after him to be given at the Symposium. Prof. Dr. Hans-Jürgen Reulen has been honored to give the first Igor Klatzo lecture entitled “Bulk Flow and Diffusion revisited, and Clinical Applications”.

This volume contains 65 out of the 104 papers presented at the Symposium as lectures or posters. The topics of the Symposium were similar to those discussed at the previous ones. Many discussions focused on clinical work especially diagnosis, subarachnoid hemorrhage, hydrocephalus, and traumatic brain injury. Diagnosis and therapy, including surgical methods, have also been verified. Much attention was drawn to the application of decompressive craniectomy in the treatment of posttraumatic intracranial hypertension.

The pathomechanisms of brain edema and tissue injury studied in experimental models have been also presented.

The Symposium was completed by a session on Nanoparticles organized by Dr. Hari Shanker Sharma. This new topic was presented at the Brain Edema Symposium for the first time. The impact of the nanoparticles on the blood–brain barrier and brain edema as well as the possibility of use of nanoparticles in cases of spinal cord damage have been discussed.

The Advisory Board and the Organizing Committee would like to thank the authors for their co-operation and the Springer Verlag for the willingness to publish the Symposium’s materials in line with our tradition to date.

We would like to announce that the XV International Symposium on Brain Edema and Brain Tissue Injury will be held in Kawaguchi-Lake, Yamanashi, Japan in 2011 under the chair of Prof. Dr. Yoichi Katayama.

Zbigniew Czernicki and Editors