



Program

Croatian-Japanese Pre-Congress Symposium on Normal Pressure Hydrocephalus October 12th, 2023

Pahophysiology of CSF and NPH development

(chair: M Klarica; S Yamada; M Vukić)

1. **Klarica Marijan**, Radoš Milan, Jurjević Ivana, Orešković Darko: Distribution of different molecules between interstitial and cerebrospinal fluid – Does cerebrospinal fluid circulate?
2. **Akai Takuya**: The analysis of cerebrospinal flow dynamics in mouse fetuses – Cerebrospinal fluid may flow out from the brain through the frontal skull base and choroid plexus-
3. **Milan Radoš**, Ivana Jurjević, Darko Orešković, Marijan Klarica: Neuroradiological insights into the pathophysiology of hydrocephalus
4. **Mitsuhiro Mase**: Changes of water turnover in brain tissue and CSF spaces in patients with idiopathic NPH: dynamic PET study using [15O]H₂O
5. Marijan Klarica, **Ivana Jurjević**, Milan Radoš, Miroslav Vukić, Darko Orešković: Effects of experimental impairment of CSF movement on hydrocephalus development
6. **Yamada Shinya**: Cerebrospinal fluid dynamics-MRI Time-spatial spine labeling method-
7. **Nenad Kudelić**, Ivan Koprek, Milan Radoš, Darko Orešković, Marijan Klarica: New prognostic factor for the treatment of NPH
8. **Madoka Nakajima**: CSF biomarker and treatment of idiopathic normal pressure hydrocephalus
9. **Masakazu Miyajima** and Madoka Nakajima: Diagnosis and treatment strategy of idiopathic normal pressure hydrocephalus.

PRELIMINARY SCIENTIFIC PROGRAMME

🕒 THURSDAY, 12th October 2023	🕒 FRIDAY, 13th October 2023	🕒 SATURDAY, 14th October 2023	🕒 SUNDAY, 15th October 2023
<p>HALL A</p> <p>15:00 -19:00 Registration</p> <p>16:00 - 19:00 PRE-CONGRESS SYMPOSIUM ON NORMAL PRESSURE HYDROCEPHALUS Japan Neurosurgical Society and Medical School of the University of Zagreb</p> <p>19:30 - 20:00 Congress opening</p>			



ORGANIZER

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JOINT MEETING

• Czech Neurosurgical Society

COLLABORATING MEETINGS

• German Society of Neurosurgery
• Croatian-Japanese Pre-congress Symposium on NPH

CONGRESS AGENCY

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