

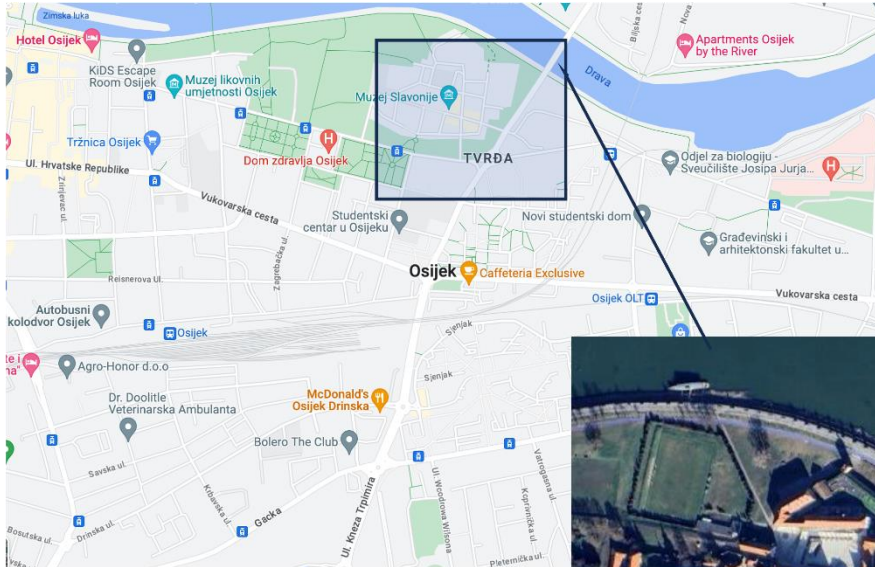
9th CROATIAN NEUROSCIENCE CONGRESS

17th to 19th November 2023

GENERAL INFORMATION

The congress venue: 9th Croatian Neuroscience Congress will be held in hybrid form: on-line and at University of Osijek, **Rectorate building, Trg Sv. Trojstva 3/Holy Trinity Square 3, 31000 Osijek.**

Location:



Legend

- Car entrance to Tvrd̄a
- Parking
- Rectorate building, Trg Sv. Trojstva 3/Holy Trinity Square 3, 31000 Osijek

The conference hall is on the second floor of the rectorate building (an elevator is available). If you are coming by car parking is available (charged 0.3 EUR/hour).

ONLINE PARTICIPATION

Congress participants will be provided with a Zoom link *via* e-mail.

TOPICS

Basic neuroscience; clinical neuroscience; cognitive neuroscience; hypoxic-ischemic damage; molecular neuroscience; neurodegenerative disorders; neurodevelopmental basis of cognitive, mental and neurological disorders; neuropharmacology; sleep.

CONFERENCE LANGUAGE

The official language of the meeting will be English and Croatian.

PATRONS AND SPONSORS



Osijek-Baranja county



The city of Osijek



Municipality Bilje



Frontiers in Molecular Neuroscience



AnimaLab

CONFERENCE ORGANIZATION

Conference organizers

Croatian Society for Neuroscience (CSfN)

Croatian Institute for Brain Research (CIBR)

Faculty of Medicine, Josip Juraj Strossmayer University of Osijek

Scientific Centre of Excellence for Basic, Clinical and Translational Neuroscience

Croatian Academy of Sciences and Arts

President of the organizing committee: Prof. Miloš Judaš, School of Medicine Zagreb, CSfN president

Organizing committee

1. Prof. Marija Heffer, Faculty of Medicine Osijek
2. Assoc. Prof. Goran Sedmak, School of Medicine Zagreb
3. Assoc. Prof. Kristina Mlinac Jerković, School of Medicine Zagreb
4. Asst. Prof. Senka Blažetić, Department of Biology Osijek
5. Prof. Maja Valić, School of Medicine Split
6. Asst. Prof. Nikola Habek, School of Medicine Zagreb
7. Assoc. Prof. Rozi Andretić Waldowski, Department of Biotechnology Rijeka
8. Marta Balog, PhD, Faculty of Medicine Osijek

Scientific committee

1. Prof. Zoran Đogaš, School of Medicine Split
2. Prof. Marijan Klarica, School of Medicine Zagreb
3. Prof. Zdravko Petanjek, School of Medicine Zagreb
4. Prof. Goran Šimić, School of Medicine Zagreb
5. Assoc. Prof. Ivana Munitić, Department of Biotechnology Rijeka
6. Prof. Neven Henigsberg, School of Medicine Zagreb
7. Prof. Mario Vukšić, School of Medicine Zagreb
8. Assoc. Prof. Nicholas James Bradshaw, Department of Biotechnology Rijeka
9. Prof. Svjetlana Kalanj Bognar, School of Medicine Zagreb
10. Prof. Dinko Mitrečić, School of Medicine Zagreb
11. Prof. Darko Chudy, School of Medicine Zagreb
12. Prof. Nataša Jovanov Milošević, School of Medicine Zagreb
13. Assoc. Prof. Željka Krsnik, School of Medicine Zagreb

ADDRESS OF THE ORGANIZER

Croatian Society for Neuroscience (CSFN)
Croatian Institute for Brain Research
School of Medicine Zagreb
Šalata 12, HR 10000 Zagreb, Croatia
www.hdn.hr

OFFICIAL CONGRESS ADMINISTRATIVE ORGANIZER

Tena Popović, Croatian Institute for Brain Research
Šalata 12, 10000 Zagreb, Croatia
Phone: 01 4596801

POSTER PRESENTATION AWARD

Poster presentations are important scientific contributions, therefore a prize for the best poster presentations is established. The selection will be done on the basis of scientific merit and clarity of presentation as judged by a board made up from three members of the Croatian Society for Neuroscience. The awards will be announced during the closing ceremony.

PROGRAM AT A GLANCE

Friday, 17 th November 2023	Saturday, 18 th November 2023	Sunday, 19 th November 2023
	CoreNEURO Final Symposium	Poster presentations (short oral presentations)
		Clinical Perspectives Symposium
Opening ceremony		Closing ceremony
Plenary lectures	Hungarian Neuroscience Symposium	
Sponsor presentation		
Exhibition opening		
Satellite Event <i>From project to knowledge: SineMozak</i>		

PUBLICATION FOLLOWING THE CONGRESS

Congress participants and speakers will be invited to publish a paper in a special issue of Frontiers in Molecular Neuroscience, under a Research Topic entitled **Latest Advances in Neuroscience at the 9th Croatian Neuroscience Congress**. Articles of all types will be accepted, including but not limited to: original research, short reports, review articles and perspective articles. It is our hope that this special issue will provide an overview of the current hot topics in neuroscience, expert opinions and most recent original research, representing a go-to collection to consult on latest trends in neuroscience.

Deadlines: Manuscript Summary Submission Deadline 15 January 2024

Manuscript Submission Deadline 04 May 2024

Link to research topic: [Latest Advances in Neuroscience at the 9th Croatian Neuroscience Congress | Frontiers Research Topic \(frontiersin.org\)](#)

PROGRAM

Friday, November 17th 2023

15.00-16.00 Registration of the participants

16.00-16.30 OPENING CEREMONY

Introductory words – Marija Heffer

Short greetings from the President of the Croatian Society for Neuroscience Miloš Judaš, representative of the Faculty of Medicine, Josip Juraj Strossmayer University of Osijek, representative of the Municipality Bilje, representative of the city of Osijek, representative of the Osijek-Baranja county

Choir of the Faculty of Medicine, Josip Juraj Strossmayer University of Osijek

16.30-17.00 PLENARY LECTURE

Karoly Mirnics: Neuroimmune changes in schizophrenia

17.00-17.30 PLENARY LECTURE

Željka Korade: Cholesterol in brain development

17.30-18:00 SPONSOR PRESENTATION

Nataliya Sindeeva, Animalab Croatia / TSE Systems

18.00-18.15 EXHIBITION OPENING

Joe Petersburger: Traditional Easter eggs - a unique method to develop motoric skills of medical and dentistry students

18.15-20.00 SATELLITE EVENT WITH COCTAILS

Srećko Gajović and collaborators: presentation of the project Synergy of molecular markers and multimodal *in vivo* imaging in preclinical assessment of ischemic stroke consequences From project to knowledge: SineMozak

SATURDAY, November 18th 2023

9.00 **CORENEURO FINAL SYMPOSIUM, CENTRE OF EXCELLENCE FOR BASIC, CLINICAL AND TRANSLATIONAL NEUROSCIENCE, UNIVERSITY OF ZAGREB SCHOOL OF MEDICINE**

9.00-9.15 **INTRODUCTORY WORDS**

Miloš Judaš

09.15-09.25 Ivica Kostović, Željka Krsnik

09.25-09.35 Ivica Kostović, Milan Radoš, Ana Katušić

09.35-09.45 Zdravko Petanjek

09.45-09.55 Goran Sedmak

09.55-10.05 Nataša Jovanov Milošević

10.05-10.15 Mario Vukšić, Dinko Smilović

10.15-10.25 Aleksandra Dugandžić, Nikola Habek

10.25-10.35 Andrija Štajduhar

10.35-10.50 **Coffee and refreshments**

10.50-11.00 Marijan Klarica

11.00-11.10 Marko Radoš

11.10-11.20 Neven Henigsberg

11.20-11.30 Maja Cepanec

11.30-11.40 Ida Raffaelli

11.40-11.55 **Break**

11.55-12.05 Goran Šimić

12.05-12.15 Mirta Boban

12.15-12.25 Marija Heffer

12.25-12.35 Svjetlana Kalanj Bognar

12.35-12.45 Nives Pećina Šlaus

12.45-12.55 Dora Višnjic

12.55-13.05 Melita Šalković Petrišić

13.05-13.15 **Break**

13.15-13.25 Srećko Gajović, Siniša Škokić

- 13.25-13.35** Dinko Mitrečić
13.35-13.45 Marina Radmilović
13.45-13.55 Martina Rinčić
13.55-14.10 **DISCUSSION AND CLOSING REMARKS**
Miloš Judaš

14.10-15.15 **Lunch break (lunch is provided for congress participants)**

- 15.15** **HUNGARIAN NEUROSCIENCE SYMPOSIUM, CENTRE FOR NEUROSCIENCE, UNIVERSITY PECS, HUNGARY**
Chair: Zdravko Petanjek

- 15.15-15.35** **István Hernádi:** Translational models of human cognitive behavior

- 15.35-15.55** **Gergely Szarka:** Ganglion cell gap junctions subserve the detection of approach motion in the retina

- 15.55-16.15** **Zsuzsanna Helyes:** Fractalkine receptor (CX3CR1) mediates neuroinflammation and related hypersensitivity in mouse models of chronic primary pain

- 16.15-16.35** **Dóra Zelena:** Posttraumatic stress disorder upside down

16.35-16.55 **Coffee and refreshments**

- 16.55-17.15** **Andrea Tamas:** Examination of pituitary adenylate cyclase-activating polypeptide in Parkinson's disease focusing on correlations with motor symptoms

- 17.15-17.35** **Árpád Dobolyi:** Social touch affects forebrain centers via direct thalamic projections

- 17.35-17.55** **Istvan Adorjan:** Cellular biomarkers of autism spectrum disorder and schizophrenia

- 17.55-18.15** **Marianna Pap:** Investigating the possible role of a novel non-coding RNA in the pathogenesis of glioblastoma multiforme

- 18.15-18.30** **DISCUSSION AND CLOSING REMARKS**

SUNDAY, November 19th 2023

9.00 POSTER PRESENTATIONS I (3-min oral presentations)

9.00-10.30 Poster presentations according to schedule
Chairs: Svjetlana Kalanj Bognar, Kristina Mlinac Jerković, Senka Blažetić

10.30-10.45 Coffee and refreshments

10.45 POSTER PRESENTATIONS II (3-min oral presentations)

10.45-13.00 Poster presentations according to schedule
Chairs: Svjetlana Kalanj Bognar, Kristina Mlinac Jerković, Senka Blažetić

13.00-13.30 Pizza break (pizza is provided for congress participants)

13.30 CLINICAL PERSPECTIVES SYMPOSIUM

Chair: Marija Heffer

13.30-13.50 **Ivana Rosenzweig:** Rapid eye movement (REM) behaviour disorder

13.50-14.10 **Zoran Đogaš:** New breakthroughs in research of breathing disorders during sleep

14.10-14.30 Break

14.30-14.50 **Rodrigo Herrera-Molina:** Neuroplastin-controlled mechanisms are essential for brain development and adult plasticity: Preclinical and clinical evidence

14.50-15.10 **Ivana Munitić:** Neuroimmune characterization of optineurin insufficiency mouse model

15.10 CLOSING CEREMONY

15.10-15.30 **DISCUSSION, CLOSING REMARKS, BEST POSTER PRESENTATION AWARD**
Marija Heffer