



10th Rijeka Forum on Neurodegenerative Diseases

September 14-16, 2026

University Campus Rijeka
Faculty of Civil Engineering

ORGANIZERS

THE CROATIAN ACADEMY OF SCIENCES AND ARTS The Department of Biomedical Sciences in Rijeka

THE CLINICAL HOSPITAL CENTER RIJEKA

UNIVERSITY OF RIJEKA - FACULTY OF MEDICINE

THE CROATIAN NEUROLOGICAL SOCIETY

THE CROATIAN MEDICAL ASSOCIATION – Branch office Rijeka

NEURODEG ASSOCIATION

ENDORSED BY



Dear colleagues and friends,

It is our special honor and sincere pleasure to invite you and your colleagues again on behalf of the Organizing Committee to the 10th Rijeka Forum of Neurodegenerative Diseases organized by the Clinic of Neurology UHC Rijeka, Department of Neurology Faculty of Medicine, University of Rijeka, Department of Biomedical Sciences in Rijeka of the Croatian Academy of Sciences and Arts.

Our goal is to present the latest developments and dilemmas in the field of neurodegenerative diseases with a special focus this year on the regulation of gene expression in neurological disease and neuroimmunology” and other news in neurodegenerative diseases, to improve our daily practical and scientific work. We hope you enjoy the news in this important area of neurology and neuroscience.

We sincerely hope that you will join us and recommend this meeting to your colleagues.

Vladimira Vuletić

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10th Rijeka Forum on Neurodegenerative Diseases, September 14-16, 2026, Rijeka, Croatia

the topic: „Neurodegenerative diseases: “Mechanical mechanisms, treatments, biomarkers, genetics, viruses, proteinopathies, neuroinflammation, metabolic dysfunction. and neuroimmunology” will be held on:

University Campus Rijeka, Faculty of Civil Engineering, Lecture hall G-003,004,
Radmile Matejčić 3, Rijeka

Organizers

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Scientific Committee

Stipan Jonjić

Vladimira Vuletić

Nenad Bogdanović

John Hardy

Alemka Brnčić-Fisher

Zdravka Poljaković

Organizing Committee

Vladimira Vuletić, president

Zoran Tomić

Eliša Papić

Srdan Novak

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Endorsed for quality education by the European Academy of Neurology



Endorsed by the International Association of Parkinsonism and Related Disorders (IAPRD)



Free admission for registrations

Information

Željana Mikovčić, Department of Biomedical Sciences in Rijeka

Radmile Matejčić 2, Rijeka

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Save the Date and join us in beautiful Rijeka!

Extraordinary lecturers with lectures on the latest achievements in neuroscience and neurodegenerative diseases!

REGISTRATION FORM



Faculty

1. **Ivan Adamec**, M.D., Ph.D., Ass. Professor., Department of Neurology, Referral Center for Autonomic Nervous System Disorders, University Hospital Center Zagreb, Zagreb, Croatia
2. **Angelo Antonini**, M.D., Ph.D., Professor, Neurology Clinic Padua and University of Padua, Padua, Italy
3. **Marina Babić Čač**, Ph.D., Ass. Professor, Center for Proteomics, Faculty of Medicine, University of Rijeka
4. **Kailash Bhatia**, M.D., Ph.D., Professor, Institute of Neurology and University College London, London, UK
5. **Bettina Balint**, M.D., Ph.D., Professor, University Hospital Zurich, University of Zurich, Zurich, Switzerland
6. **Nenad Bogdanović**, M.D., Ph.D., Professor, Karolinska Institute, Stockholm, Sweden
7. **David Bonifačić**, M.D., Ph.D., Ass. Professor, Clinical Hospital Center Rijeka, Rijeka, Croatia
8. **Ilija Brizić**, Ph.D., Assoc. Professor, Center for Proteomics, Faculty of Medicine, University of Rijeka, Rijeka, Croatia
9. **Natalie Connor-Robson**, Ph.D., University of Cardiff, Cardiff, Wales, UK
10. **Vida Demarin**, M.D., Ph.D., F.C.A., Secretary of the Department of Medical Sciences of the Croatian Academy of Sciences and Arts, President of International Institute for Brain Health, Zagreb, Croatia
11. **Nataša Dragašević Mišković**, M.D., Ph.D., Professor, University Clinical Centre of Serbia and School of Medicine, University of Belgrade, Belgrade, Serbia
12. **Andreja Emeršič**, MPharm, Ph.D., University Medical Centre Ljubljana, Ljubljana, Slovenia
13. **Cristian Falup-Pecurariu**, M.D., Ph.D., Professor, Transilvania University of Braşov, Braşov, Romania
14. **Tereza Gabelić**, M.D., Ph.D., Ass. Professor, University Hospital Center Zagreb, Zagreb, Croatia
15. **Dejan Georgiev**, M.D., Ph.D., Professor, University Medical Centre Ljubljana, Ljubljana, Slovenia
16. **Celia Oreja-Guevara**, M.D., Ph.D., Professor, University Hospital San Carlos and Complutense University of Madrid, Madrid, Spain
17. **Mario Habek**, M.D., Ph.D., Professor, University Hospital Centre Zagreb, Zagreb, Croatia
18. **John Hardy**, M.D., Ph.D., Professor, Institute of Neurology, University College London, London, UK
19. **Oliver Harschnitz**, M.D., Ph.D., Human Technopole, Milan, Italy
20. **Amanda Heslegrove**, B.Sc., Ph.D., University College London (UCL) and UK DRI Biomarker Factory, London, UK
21. **Maja Jagodić**, M.D., Ph.D., Professor, Karolinska Institute and Karolinska University Hospital, Stockholm, Sweden
22. **Jean-Pierre Julien**, Ph.D., Professor, Faculty of Medicine, Laval University and CERVO Brain Research Center, Québec, Canada
23. **Aleksandra Kačar**, M.D., Ph.D., Ass. Professor, Clinical Center of Serbia, Belgrade, Serbia

- 24. **Nataša Klepac**, M.D., Ph.D., Professor, University Hospital Centre Zagreb, Zagreb, Croatia
- 25. **Norbert Kovács**, M.D., Ph.D., Professor, University of Pécs, Pécs, Hungary
- 26. **Slavica Kovačić**, M.D., Ph.D., Ass. Professor, Clinical Hospital Center Rijeka, Rijeka, Croatia
- 27. **Anja Kovanda**, Ph.D., Ass. Professor, University Medical Center Ljubljana, Ljubljana, Slovenia
- 28. **Magdalena Krbot Skorić**, M.D., Ph.D., Assoc. Professor, University Hospital Centre Zagreb, Zagreb, Croatia
- 29. **Patrick Küry**, M.D., Ph.D., Professor, Medical Faculty, Heinrich Heine University Düsseldorf, Düsseldorf, Germany, and Bern University Hospital and University of Bern, Bern, Switzerland
- 30. **Jasna Križ**, M.D., Ph.D., Professor, Faculty of Medicine, University of Laval, Québec, Canada
- 31. **Antonella Macerollo**, M.D., Ph.D., Professor, University of Liverpool and Walton Centre NHS Foundation Trust, Liverpool, UK
- 32. **Paolo Manganotti**, M.D., Ph.D., Professor, Cattinara University Hospital ASUGI and University of Trieste, Trieste, Italy
- 33. **Elena Moro**, M.D., Ph.D., Professor, Grenoble University Hospital Center and Grenoble Alpes University, Grenoble, France
- 34. **Catherine Mummery**, M.D., Ph.D., Professor, National Hospital for Neurology and Neurosurgery, London, UK
- 35. **Ivana Munitić**, M.D., Ph.D., Professor, Faculty of Biotechnology and Drug Development, University of Rijeka, Rijeka, Croatia
- 36. **Gabriela Novotni**, M.D., Ph.D., Professor, University Clinic of Neurology, Medical Faculty, Ss. Cyril and Methodius University, Skopje, North Macedonia
- 37. **Borut Peterlin**, M.D., Ph.D., Professor, University Medical Center Ljubljana, Ljubljana, Slovenia
- 38. **Zvezdan Pirtošek**, M.D., Ph.D., Professor, University Medical Center Ljubljana, Ljubljana, Slovenia
- 39. **Andreas Puschmann**, MD., Ph.D., Professor, Skåne University Hospital and University of Lund, Lund, Sweden
- 40. **Tiago Fleming Outeiro**, M.D., Ph.D., Professor, University Medical Center Göttingen and German Center for Neurodegenerative Diseases, Göttingen, Germany, Faculty of Medicine and Biomedical Sciences, Universidade do Algarve, Portugal
- 41. **Martin Rakuša**, M.D., Ph.D., Professor, University Medical Centre Maribor, Maribor, Slovenia
- 42. **Per M Roos**, MD, Ph.D., Professor, Karolinska Institute and St. Goran Hospital, Stockholm, Sweden
- 43. **Arianna Sartori**, M.D., Ph.D., Ass. Professor, Neurology Unit, Department of Medical, Surgical and Health Sciences, University of Trieste, ASUTs, Cattinara Hospital, Trieste, Italy
- 44. **Mónica M Sousa**, Ph.D., i3S-Institute for Research and Innovation in Health, University of Porto, Porto, Portugal
- 45. **Mašan Sredanović**, M.D., Clinical Hospital Center Zagreb, Zagreb, Croatia
- 46. **Iva Stanković**, M.D., Ph.D., Ass. Professor, School of Medicine, University of Belgrade, Belgrade, Serbia

- 47. **Elka Stefanova**, M.D., Ph.D., Professor, School of Medicine, University of Belgrade, Belgrade, Serbia
- 48. **Goran Šimić**, M.D., Ph.D., Professor, Croatian Institute for Brain Research and Faculty of Medicine, University of Zagreb, Zagreb, Croatia
- 49. **Katarina Tešija**, M.D., Clinical Hospital Center Zagreb, Zagreb, Croatia
- 50. **Michele Tinazzi**, M.D., Ph.D., Professor, University of Verona, Verona, Italy
- 51. **Maja Trošt**, M.D., Ph.D., Professor, University Medical Centre Ljubljana, Ljubljana, Slovenia
- 52. **Vladimira Vuletić**, M.D., Ph.D., Professor, Faculty of Medicine, University of Rijeka, and Clinical Hospital center Rijeka, Rijeka, Croatia
- 53. **Vladana Vukojević**, M.D., Ph.D., Professor, Karolinska Institute, Department of Clinical Neuroscience, Center for Molecular Medicine, Stockholm, Sweden

Program / 1st day – September 14, 2026

08:30-09:00 **OPENING**

Introduction

Stipan Jonjić, M.D., Ph.D., F. C. A, Emeritus Professor, Head of the Department for Biomedical Sciences in Rijeka, Croatian Academy of Sciences and Arts, Rijeka, Croatia

Vladimira Vuletić, M.D., Ph.D., Professor, Faculty of Medicine, University of Rijeka, and Clinical Hospital center Rijeka, Rijeka, Croatia

Welcome address

Zdravka Poljaković, M.D., Ph.D., Professor, President of the Croatian Neurological Society, Faculty of Medicine, University of Zagreb, Zagreb, Croatia

Alemka Brnčić-Fisher, M.D., Ph.D., Professor, Director, Clinical Hospital Center, Rijeka, Croatia

Josip Španjol, M.D., Ph.D., Professor, Dean, Faculty of Medicine, University of Rijeka, Rijeka, Croatia

Goran Hauser, M.D., Ph.D., Professor, Rector, University of Rijeka, Rijeka, Croatia

09:00-11:30 **I. ALZHEIMER'S DISEASE UPDATES**

Chairmen: Nenad Bogdanović and Elka Stefanova

Alzheimer's disease-next steps

John Hardy, M.D., Ph.D, Professor, Institute of Neurology, University College London, London, UK

Building and sustaining a national dementia trial network: The UK Experience

Catherine Mummery, M.D., Ph.D., Professor, National Hospital for Neurology and Neurosurgery, London, UK

Fluid Biomarkers for neurodegenerative diseases - challenges and opportunities

Amanda Heslegrove, B.Sc., Ph.D., University College London (UCL) and UK DRI Biomarker Factory, London, UK

Aging and Dementia: How Tau and TDP-43 Pathology Translate into Clinical Phenotypes

Nenad Bogdanović, M.D., Ph.D., Professor, Karolinska Institute, Stockholm, Sweden

C9orf72-Associated Neurodegeneration: From Genetic Mutation to Clinical Disease

Elka Stefanova, M.D., Ph.D., Professor, School of Medicine, University of Belgrade, Belgrade, Serbia

11:30-11:45 **Discussion**

11:45-12:00 **Break for refreshment**

12:00-15:00 **II. TRANSLATION IN NEURODEGENERATIVE DISEASE AND MOVEMENT DISORDERS**

Chairmen: Vladimira Vuletić and Cristian Falup-Pecurariu

Impact of genetics in neuromodulation therapy in Parkinson's diseases

Elena Moro, M.D., Ph.D., Professor, Grenoble University Hospital Center and Grenoble Alpes University, Grenoble, France

Clinical phenotyping of 2 new genes for Parkinson's disease

Kailash Bhatia, M.D., Ph.D., Professor, Institute of Neurology and University College London, London, UK

Neuroimmunology and neurodegeneration in movement disorders

Bettina Balint, M.D., Ph.D., Professor, University Hospital Zurich, University of Zurich, Zurich, Switzerland

From Scar to Repair - Defining the Roadmap for Mammalian Spinal Cord Regeneration using Spiny Mice

Mónica M Sousa, Ph.D., i3S-Institute for Research and Innovation in Health, University of Porto, Porto, Portugal

Changing the Course of Parkinson's Disease: Emerging Disease-Modifying Strategies

Angelo Antonini, M.D., Ph.D., Professor, Neurology Clinic Padua and University of Padua, Padua, Italy

Cardiovascular autonomic dysfunction in Parkinson's disease

Cristian Falup-Pecurariu, M.D., Ph.D., Professor, Transilvania University of Braşov, Braşov, Romania

Update on Parkinson's genetics

Andreas Puschmann, MD., Ph.D., Professor, Skåne University Hospital and University of Lund, Lund, Sweden

15:00-15:15 **Discussion**

15:15-15:55 **Lunch and Flash presentation of young researchers**

15:55-16:15 **Blood Biomarkers in Neurology: Translating p-tau217 and NfL from Research to Clinical Practice - sponsored by Roche**

Andreja Emeršič, MPharm, Ph.D., University Medical Centre Ljubljana, Ljubljana, Slovenia

16:15-18:55

III. MULTIPLE SCLEROSIS AND NEUROIMMUNOLOGY

Chairmen: Mario Habek and David Bonifačić

Epigenome as a mediator of risk factors in Multiple Sclerosis

Maja Jagodić, M.D., Ph.D., Professor, Karolinska Institute and Karolinska University Hospital, Stockholm, Sweden

Spasticity management in multiple sclerosis: old concepts, new perspectives

Arianna Sartori, M.D., Ph.D., Ass. Professor, Neurology Unit, Department of Medical, Surgical and Health Sciences, University of Trieste, ASUTs, Cattinara Hospital, Trieste, Italy

Neurodegeneration in Multiple Sclerosis: Towards Novel Therapeutic Approaches

Patrick Küry, M.D., Ph.D., Professor, Medical Faculty, Heinrich Heine University Düsseldorf, Düsseldorf, Germany, and Bern University Hospital and University of Bern, Bern, Switzerland

Multiple sclerosis and ageing

Tereza Gabelić, M.D., Ph.D., University Hospital Center Zagreb, Zagreb, Croatia

Women issues with Multiple sclerosis

Celia Oreja-Guevara, M.D., Ph.D., Professor, University Hospital San Carlos and Complutense University of Madrid, Madrid, Spain

Crosstalk between the autonomic and immune systems in multiple sclerosis

Ivan Adamec, M.D., Ph.D., Ass. Professor, Department of Neurology, Referral Center for Autonomic Nervous System Disorders, University Hospital Center Zagreb, Zagreb, Croatia

Autonomic reserve in multiple sclerosis

Katarina Tešija, M.D., Clinical Hospital Center Zagreb, Zagreb, Croatia

Sudomotor dysfunction in multiple sclerosis

Mašan Sredanović, M.D., Clinical Hospital Center Zagreb, Zagreb, Croatia

Real-world data in MS: bridging clinical trials and practice

Magdalena Krbot Skorić, M.D., Ph.D., Assoc. Professor, University Hospital Centre Zagreb, Zagreb, Croatia

18:55-19:10

Discussion

19:10-19:30

Lecture sponsored by AstraZeneca

David Bonifačić, M.D., Ph.D., Ass. Professor, Clinical Hospital Center Rijeka, Rijeka, Croatia

Mario Habek, M.D., Ph.D., Professor, University Hospital Centre Zagreb, Zagreb, Croatia

Program / 2nd day – September 15, 2026

09:00-12:00 **IV. SELECTED TOPICS IN BASIC RESEARCH OF NEUROINFLAMMATION AND NEURODEGENERATIVE DISEASES**

Chairmen: Ilija Brizić and Marina Babić Čač

Modelling the complex genetics of Alzheimer's disease to investigate endocytic dysfunction in microglia

Natalie Connor-Robson, Ph.D., Professor, University of Cardiff, Cardiff, Wales, UK

Dissecting how inborn errors of immunity lead to neuropathology

Oliver Harschnitz, M.D., Ph.D., Human Technopole, Milan, Italy

Christchurch and COLBOS: Rare Protective Gene Variants in Familial Alzheimer's Disease

Goran Šimić, M.D., Ph.D., Professor, Croatian Institute for Brain Research and Faculty of Medicine, University of Zagreb, Zagreb, Croatia

Microglial priming balances latent virus control and synaptic loss

Ilija Brizić, Ph.D., Assoc. Professor, Center for Proteomics, Faculty of Medicine, University of Rijeka, Rijeka, Croatia

Innate-responsive CD4+ T cells as regulators of neuroinflammation

Marina Babić Čač, Ph.D., Ass. Professor, Center for Proteomics, Faculty of Medicine, University of Rijeka

Decoding OPTN Dysfunction in Neurodegenerative Diseases

Ivana Munitić, M.D., Ph.D., Professor, Faculty of Biotechnology and Drug Development, University of Rijeka, Rijeka, Croatia

12:00-12:15 **Discussion**

12:15-12:30 **Break for refreshment**

12:30-14:50 **V. ALPE ADRIA SECTION AND MOVEMENT DISORDERS (1st PART) TREATMENTS**

Chairmen: Maja Trošt and Nataša Dragašević Mišković

Infusion therapies in PD

Maja Trošt, M.D., Ph.D., Professor, University Medical Centre Ljubljana, Ljubljana, Slovenia

MRgFUS in Movement Disorders

Antonella Macerollo, M.D., Ph.D., Professor, University of Liverpool and Walton Centre NHS Foundation Trust, Liverpool, UK

Functional movement disorders: new approaches

Michele Tinazzi, M.D., Ph.D., Professor, University of Verona, Verona, Italy

The influence of motor and cognitive factors on phenotypic variability in Parkinson's disease

Iva Stanković, M.D., Ph.D., Ass. Professor, School of Medicine, University of Belgrade, Belgrade, Serbia

The importance of eye movements in the diagnosis of hereditary degenerative diseases

Nataša Dragašević Mišković, M.D., Ph.D., Professor, University Clinical Centre of Serbia and School of Medicine, University of Belgrade, Belgrade, Serbia

A role of genetics in DBS and dystonia

Vladimira Vuletić, M.D., Ph.D., Professor, Faculty of Medicine, University of Rijeka, and Clinical Hospital center Rijeka, Rijeka, Croatia

Why aren't our patients with Parkinson's disease as satisfied as their doctors are? Psychological factors limiting the effectiveness of device-based treatments

Norbert Kovács, M.D., Ph.D., Professor, University of Pécs, Pécs, Hungary

14:50-15:05 **Discussion**

15:05-15:50 **Lunch break and Flash presentation of young researchers**

15:05-15:10 **Deep brain stimulation impact on occupational functioning in Parkinson's Disease**
Marija Bortiek

15:10-15:15 **Ten-year outcome of pallidal stimulation in pantothenate kinase-associated neurodegeneration**
Romana Brnić Andrić, Mario Hero, Eliša Papić, Marina Raguž, Darko Chudy, Vladimira Vuletić

15:15-15:20 **Preserved clinical benefit of directional GPi deep brain stimulation in pediatric genetic dystonia**
Nadja Grozdanić, Eliša Papić, Mario Hero, Gloria Rožmarić, Vladimira Vuletić

15:20-15:25 **Balancing motor benefits and communication outcomes in deep brain stimulation for Parkinson's disease**
Jelena Hauser

15:50-16:10 **Foslevodopa/foscarbidopa RWE – ROSSINI interim analysis and experience in CHC Rijeka - Sponsored by Abbvie**
Vladimira Vuletić, M.D., Ph.D., Professor, Faculty of Medicine, University of Rijeka, and Clinical Hospital center Rijeka, Rijeka, Croatia

16:10-16:30 **Ofatumumab nakon osam godina: što dugoročni podaci znače za svakodnevnu kliničku praksu? - sponsored by Novartis**
Mario Habek, M.D., Ph.D., Professor, University Hospital Centre Zagreb, Zagreb, Croatia

16:30-19:30 **VI. NEURODEGENERATIVE DISORDERS TRANSLATION AND BIOMARKERS UPDATES (1st PART)**

Chairmen: Patrick Küry and Zvezdan Pirtošek

Harnessing Neuroplasticity for Maintaining Brain Health

Vida Demarin, M.D., Ph.D., F.C.A., Secretary of the Department of Medical Sciences of the Croatian Academy of Sciences and Arts, President of International Institute for Brain Health, Zagreb, Croatia

Role of neurofilament NF-L depletion in TDP-43-mediated pathogenesis

Jean-Pierre Julien, Ph.D., Professor, Faculty of Medicine, Laval University and CERVO Brain Research Center, Québec, Canada

The regulation of innate immune gene expression in neurodegenerative disorders

Jasna Križ, M.D., Ph.D., Professor, Department of Psychiatry and Neurosciences, Faculty of Medicine, Université Laval, Québec, Canada

On the role of metal ions in neurodegenerative diseases

Per M Roos, M.D., Ph.D., Professor, Karolinska Institute and St. Goran Hospital, Stockholm, Sweden

Seeing the Future? Biomarkers, Neurodegeneration and the Ethics of Knowing

Zvezdan Pirtošek, M.D., Ph.D., Professor, University Medical Center Ljubljana, Ljubljana, Slovenia

Clinical Neuroscience, Center for Molecular Medicine, Stockholm, Sweden

Vladana Vukojević, M.D., Ph.D., Professor, Karolinska Institute, Department of Clinical Neuroscience, Center for Molecular Medicine, Stockholm, Sweden

19:30-19:45 **Discussion**

Program / 3rd day – September 16, 2026

09:00-12:00 VII. NEURODEGENERATIVE DISORDERS UPDATES (2nd PART)

Chairmen: Gabriela Novotni and Paolo Manganotti

Recent advances in the basic science of movement disorders

Tiago Fleming Outeiro, M.D., Ph.D., Professor, University Medical Center Göttingen and German Center for Neurodegenerative Diseases, Göttingen, Germany, Faculty of Medicine and Biomedical Sciences, Universidade do Algarve, Portugal

Alzheimer's Disease Reframed - A Conditional, Spider Web Architecture of Vulnerability

Gabriela Novotni, M.D., Ph.D., Professor, University Clinic of Neurology, Medical Faculty, Ss. Cyril and Methodius University, Skopje, North Macedonia

Neurogenetics in 2030

Borut Peterlin, M.D., Ph.D., Professor, University Medical Center Ljubljana, Ljubljana, Slovenia

Epilepsy and EEG abnormalities in neurodegenerative dementias: toward a system epilepsy framework

Paolo Manganotti, M.D., Ph.D., Professor, Cattinara University Hospital ASUGI and University of Trieste, Trieste, Italy

TMS and cognitive evoked potential in ALS

Aleksandra Kačar, M.D., Ph.D., Ass. Professor, Clinical Center of Serbia, Belgrade, Serbia

Missing heritability in neurogenetics

Anja Kovanda, Ph.D., Ass. Professor, University Medical Center Ljubljana, Ljubljana, Slovenia

12:00-12:15 Discussion

12:15-12:30 Break for refreshment

12:30-14:30 VIII. NEURODEGENERATIVE DISORDERS UPDATES (3rd PART)

Chairmen: Anja Kovanda and Dejan Georgiev

New Guidelines and Multimodal Biomarkers

Slavica Kovačić, M.D., Ph.D., Ass. Professor, Clinical Hospital Center Rijeka, Rijeka, Croatia

Pain in patients with Alzheimer disease

Martin Rakuša, M.D., Ph.D., Professor, University Medical Centre Maribor, Maribor, Slovenia

What are the most important determinants of a successful deep brain stimulation for movement disorders?

Dejan Georgiev, M.D., Ph.D., Professor, University Medical Centre Ljubljana, Ljubljana, Slovenia

Multiple Sclerosis Beyond Relapses: The Neurodegenerative Continuum

David Bonifačić, M.D., Ph.D., Ass. Professor, Clinical Hospital Center Rijeka, Rijeka, Croatia

Cognitive and behavioral trajectories in dementia: importance of personalized approach

Nataša Klepac, M.D., Ph.D., Professor, University Hospital Centre Zagreb, Zagreb, Croatia

14:30-14:45 **Discussion**

14:45-15:30 **Lunch and Flash posters presentation of young researchers**

14:50-14:55 **The importance of psychological assessment in evaluating candidacy for deep brain stimulation: a case report**

Adriana Klarić, Ines Torić

14:55-15:00 **Deep Brain Stimulation as a Motor Learning Amplifier: Physiotherapy as a Bridge to a New Normal**

Marijan Mašić

15:00-15:05 **Prevalence of Dysphagia in people with multiple sclerosis based on a self-report questionnaire: a systematic review**

Ella Senjanin

15:05-15:10 **Application of Smart Footwear in Gait Rehabilitation in Parkinson's Disease**

Denis Volarić

15:10-15:15 **Deep brain stimulation in GNB1-related dystonia: a case report and literature review**

Gloria Rožmarić, Eliša Papić, Mario Hero, Nadja Grozdanić, Vladimira Vuletić

15:30-16:40 **YOUNG RESEARCHER FORUM**

Chairmen: Eliša Papić and Mario Hero

15:30-15:40 **The effect of neuroleptic treatment on brain metabolism in patients with alzheimer's disease**

Niko Didić, Jan Jamšek, Tomaž Rus, Maja Trošt

15:40-15:50 **The Glymphatic System as a Therapeutic Target in Neurodegenerative Diseases**

Antea Kršek Dolibašić, Dorotea Živalj, Nenad Koruga, Lara Batičić

15:50-16:00 **Preserved adaptive DBS sensing during cancer-associated deterioration: a troubleshooting lesson in Parkinson's disease**

Mario Hero, Eliša Papić, Marina Raguž, Darko Chudy, Vladimira Vuletić

16:00-16:10 **Identifying patterns of differential methylation in multiple sclerosis by positional integration approach and their functional analysis**

Nina Mele, Aleksander Turk, Aleš Maver, Borut Peterlin

E-POSTERS

- 16:10-16:20** **From Gasping to Eyelid-Opening Apraxia: Evolving Phenomenology of a Functional Movement Disorder**
Eliša Papić, Marija Bortiek, Adriana Klarić, Vladimira Vuletić
- 16:20-16:30** **Cerebral amyloid angiopathy in alzheimer's disease and dementia with lewy bodies: an mri-based comparison**
Lara Straus, Lovro Podržaj, Katarina Šurlan Popović, Maja Trošt, Senta Frol
- 16:30-16:40** **Rare, predicted pathogenic variants in multiple sclerosis loci identified through novel multi-omics integration**
Aleksander Turk, Peter Juvan, Nina Mele, Jelena Drulović, Šarlota Mesaroš, Ivana Novaković, Nada Starčević Čizmarević, Ivana Stanković Matić, Aleš Maver, Borut Peterlin
- 16:40** **VII. CLOSING REMARKS**
Vladimira Vuletić, M.D., Ph.D., Professor, Faculty of Medicine, University of Rijeka, and Clinical Hospital center Rijeka, Rijeka, Croatia

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