

SAVE THE DATE

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 6th Rijeka Forum of Neurodegenerative Diseases organized by the Clinic of Neurology UHC Rijeka together with the Croatian Academy of Sciences and Arts and Croatian Medical Association.

Our goal is to present the latest developments and dilemmas in the field of neurodegenerative diseases with a special focus this year on the thirtieth anniversary of the amyloid hypothesis set by one of our lecturers, Sir John Hardy, and news in neurodegenerative diseases, to improve our daily practical and scientific work. At the suggestion of the participants, we extended it to three-day forum, where the last day is dedicated to young neuroscientists and their research. We hope you enjoy the news in this important area of neurology.

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

Vladimira Vuletić

THE CROATIAN ACADEMY OF SCIENCES AND ARTS
The Department of Biomedical Sciences in Rijeka
THE CLINICAL HOSPITAL CENTER RIJEKA
UNIVERSITY OF RIJEKA - MEDICAL FACULTY
THE CROATIAN NEUROLOGICAL SOCIETY
THE CROATIAN MEDICAL ASSOCIATION – Branch office Rijeka

**6th RIJEKA FORUM ON
NEURODEGENERATIVE DISEASES**

**NEURODEGENERATION UPDATES AND THE 30 YEARS OF
AMYLOID CASCADE HYPOTHESIS**



Endorsed by Associations
Parkinson i mi, Neurodeg and Ean



Rijeka, September 26-28, 2022

Organizers

THE CROATIAN ACADEMY OF SCIENCES AND ARTS
The Department of Biomedical Sciences in Rijeka
THE CLINICAL HOSPITAL CENTER RIJEKA
UNIVERSITY OF RIJEKA - MEDICAL FACULTY
THE CROATIAN NEUROLOGICAL SOCIETY
THE CROATIAN MEDICAL ASSOCIATION – Branch office Rijeka

Scientific Committee

Vladimira Vuletić, Nenad Bogdanović, Alen Ružić, Zdravka Poljaković

Organizing Committee

Vladimira Vuletić, president

Zoran Tomić, Eliša Papić, Valentino Rački, Srđan Novak

Registration: online via [registration form](#)

Free admission for registrations

Information

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Phone +385 (0)51 658 311 e-mail: neurologija@kbc-rijeka.hr

PROGRAM

OPENING

(8:30-9:00)

Introduction

_____ Head of the Department of Biomedical Sciences in Rijeka, Croatian Academy of Sciences and Arts

Vladimira Vuletić, M.D., PhD, Assistant Professor, Medical Faculty, University of Rijeka, Rijeka, Croatia

Welcome address

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

Alen Ružić, M.D., PhD, Professor, Head of the Clinical Hospital Center, Rijeka, Croatia

Goran Hauser, M.D., PhD, Associate Professor, Dean, Medical Faculty, University of Rijeka, Rijeka, Croatia

Snježana Prijić Samaržija, PhD, Professor, Rector, The University of Rijeka, Rijeka, Croatia

1st day – September 26th, 2022

PROGRAM

9:00 – 11:30 h

I. AMYLOID HYPOTHESIS AND RARE PARKINSONISMS

Chairmen: Zvezdan Pirtošek and Nenad Bogdanović

John Hardy, M.D., PhD, Professor, UCL Institute of Neurology, London, UK
The amyloid hypothesis is over simple: was it also misleading

Tamas Revesz, M.D, PhD, FRC Path, Professor Emeritus in Neuropathology, University College London UCL Queen Square Institute of Neurology, London, UK
The BRI2 gene-related dementias underpin the validity of the amyloid cascade hypothesis

Kailash Bhatia, M.D., PhD, Professor, University College London UCL Queen Square Institute of Neurology, London, UK
An approach to Rare Parkinsonian disorders

Zvezdan Pirtošek, M.D., PhD, Professor, University Hospital Centre Ljubljana, Ljubljana, Slovenia
Amyloid is in the eye of beholder: ophthalmological biomarkers of AD

Break for refreshment: 11:30 – 11:45

11:45 – 14:15 h

II. ALZHEIMER'S DISEASES AND MIMICRIES

Chairmen: Nenad Bogdanović and Tomislav Babić

Nenad Bogdanović, M.D., PhD, Professor, Department for Neurobiology, Caring Science and Society, Division of Clinical Geriatrics, Karolinska Institute, Stockholm, Sweden
Non-amyloid aging may cause Alzheimer-like dementia

Tomislav Babić, M.D., PhD, Professor, Neuroscience Franchise Worldwide Clinical Trials, London
Methodology of drug development in Alzheimer's disease: What we need to change?

Gabriela Novotni, M.D., PhD, University Clinic of Neurology, Medical Faculty, University "Ss Cyril and Methodius", Skopje, Macedonia
Amyloid cascade and amyloid "confluence" hypothesis -reexploring Alzheimer's disease(s) treatment and prevention landscape

Nataša Klepac, M.D., PhD, Assistant Professor, University Hospital Centre Zagreb, Zagreb, Croatia
Alzheimer's disease mimicry

Elka Stefanova, M.D., PhD, Professor, Institute of Neurology CCS, School of Medicine, University of Belgrade, Belgrade, Serbia
Frontotemporal dementia

Luch break: 14:15 – 14:45

14:45 – 17:00 h

III. NEURODEGENERATIVE DISEASES UPDATES

Chairmen: Vladimira Vuletić and Paolo Manganotti

Paolo Manganotti, M.D., PhD, Professor, Direttore Clinica Neurologica, Azienda Ospedaliero-Universitaria, Ospedale di Cattinara Trieste, Italy
Mild cognitive decline in long COVID-19

Vida Demarin, M.D., PhD, Professor, accademician, Head of Department of Medical Sciences of the Croatian Academy of Sciences and Arts, President of International Institute for Brain Health
Circadian rhythm disruption in neurodegenerative disorders

Mario Habek, M.D., PhD, Professor, University Hospital Centre Zagreb, Zagreb, Croatia
Prodromal Autonomic Symptoms in neurological disorders

Ivana Munitić, M.D., PhD, Associate Professor, Department of Biotechnology, University of Rijeka, Croatia

Deciphering a multifaceted role of optineurin in neurodegenerative diseases

2nd day – September 27th, 2022

9:00 – 11:45 h

IV. MULTIPLE SCLEROSIS

Chairmen: Sten Fredrikson and David Bonifačić

Sten Fredrikson, M.D., PhD, Professor, Karolinska Institute, Stockholm, Sweden
Multiple sclerosis as a degenerative disease

Robert Živadinov, M.D., PhD, Director, Center for Biomedical Imaging at Clinical Translational Science Institute, Director, Buffalo Neuroimaging Analysis Center, Jacobs School of Medicine and Biomedical Sciences, University at Buffalo, State University of New York, Buffalo, NY
Imaging microglia in Multiple sclerosis

Robert Živadinov, M.D., PhD, Director, Center for Biomedical Imaging at Clinical Translational Science Institute, Director, Buffalo Neuroimaging Analysis Center, Jacobs School of Medicine and Biomedical Sciences, University at Buffalo, State University of New York, Buffalo, NY
Imaging remyelination in Multiple sclerosis

Gregor Brecl Jakob, M.D, PhD, Department of Neurology, University Medical Centre Ljubljana, Ljubljana, Slovenia
Predicting progression in Multiple sclerosis

David Bonifačić, M.D., PhD, Assistant Professor, Clinical Hospital Center Rijeka, Rijeka
Remyelination in Multiple sclerosis

Break for refreshment: 11:30 – 11:45

11:45 – 14:00 h

V. MOVEMENT DISORDERS

Chairmen: Vladimira Vuletić and Borut Peterlin

Elena Moro, M.D., PhD, Movement Disorders Unit, Director, Department of Psychiatry, Neurology, Neurological Rehabilitation and Forensic Medicine, Chair Centre Hospitalier Universitaire de Grenoble, Grenoble Alpes University, Grenoble, France
Update on DBS for dystonia

Bettina Balint, M.D., PhD, Department of Neurology, University Hospital Zurich, University of Zurich, Zurich, Switzerland

Autoimmune movement disorders

Borut Peterlin, M.D., PhD, Professor, University Clinical Center Ljubljana, Ljubljana, Slovenia
Genetics of neurodegenerative disorders: translation in neurology practice

Vladimira Vuletić, M.D., PhD, Assistant Professor, Clinical Hospital Center Rijeka, Rijeka
Invasive methods in advanced Parkinson's disease

Olivio Perković, M.D., PhD, University Hospital Center Rijeka, Rijeka, Croatia
TBA

Lunch break: 14:00 – 14:45

14:45 – 16:30 h

VI. DEBATE “IS ALPHA SYNUCLEIN A POTENTIAL TARGET IN TREATING PARKINSON DISEASE”?

Chairmen: Vuletic V, Amos D. Korczyn and Dejan Georgiev

Dejan Georgiev, M.D., PhD, Assistant Professor, Department of Neurology, University Medical Centre Ljubljana, Ljubljana, Slovenia

Yes

Amos D. Korczyn, M.D., PhD, Professor emeritus, CONy President Department of Neurology, Tel Aviv University, Tel Aviv, Israel

No

16:30 – 18:00 h

VII.

Chairmen: Vuletic V, Georgiev D

Kaj Blennow, M.D., PhD, Professor, Gothenburg University, Gothenburg and Mölndal Campus, Mölndal, Sweden

Recent developments on amyloid/tau and neurodegeneration

Darko Chudy, MD, PhD, Professor, Department of neurosurgery, University Hospital Dubrava, Zagreb, Croatia

DBS in patients with disorder of consciousness

Slavica Kovačić, M.D., PhD, Department of Radiology Clinical Hospital Center Rijeka, Rijeka
Role of MRI in the modern treatment of neurodegenerative diseases

3rd day – September 28th, 2022

9:00 – 11:00 h

**VIII. YOUNG RESEARCHER FORUM
(Bogdanovic N, Pirtosek Z, Vuletic V)**

11:00 – 12:00 h

IX. POSTER SECTION

12:00 – 12:30 h

X. CLOSING REMARKS

Chairman: Vladimira Vuletić