



JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK
**FACULTY OF DENTAL
 MEDICINE AND HEALTH**



**Mursa
 Medical
 Center**



CROATIAN
 SOCIETY
 FOR
 PRECISION
 personalized
 MEDICINE



THE CROATIAN SOCIETY
 OF GASTROENTEROLOGY

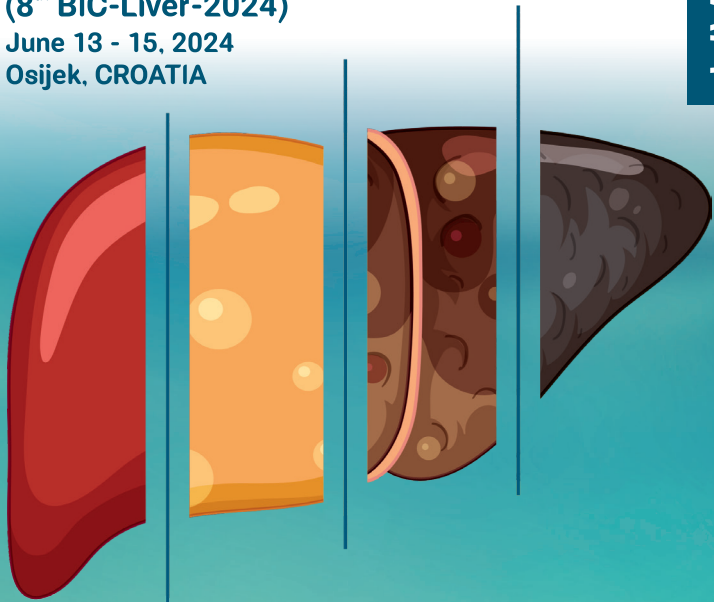
8th

Biennial International Conference on Liver Diseases

(8th BIC-Liver-2024)

June 13 - 15, 2024
 Osijek, CROATIA

PROGRAM



UNDER THE AUSPICES OF



Ministarstvo
 zdravstva



REPUBLIKA HRVATSKA
 Ministarstvo znanosti
 i obrazovanja



8th Biennial International Conference on Liver Diseases

(8th BIC - Liver - 2024)

ORGANISED BY

University of Osijek, Faculty of Dental Medicine and Health Osijek
Mursa Medical Center
Croatian Society for Precision (Personalized) Medicine
Croatian Society of Gastroenterology



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UNDER THE AUSPICES OF

Josip Juraj Strossmayer University of Osijek
Croatian Academy of Sciences and Arts
Ministry of Health of the Republic of Croatia
Ministry of Science, Education and Youth of the Republic of Croatia
Osijek-Baranja County
City of Osijek



Ministarstvo
zdravstva



REPUBLIKA HRVATSKA
Ministarstvo znanosti
i obrazovanja



June 13 – 15, 2024
University of Osijek,
Faculty of Dental Medicine and Health Osijek,
Crkvena 21,
Osijek, CROATIA

Dear Invited Speakers, Friends and Colleagues,

Welcome to the 8th Biennial International Conference on Liver Diseases (8th BIC- Liver-2024) to be held on June 13-15, 2024 at the University of Osijek, Faculty of Dental Medicine and Health in Osijek, Croatia.

Despite great strides in our knowledge of physiology and pathophysiology of liver diseases, effective therapy in many areas remains elusive. Diseases such as metabolic dysfunction-associated steatotic liver disease, drug-induced liver injury, autoimmune, and viral hepatitis are common in Croatia and worldwide. They can and often do lead to chronic liver disease which can complicate dental procedures, nursing care and physical therapy. Therefore, it is important to appreciate the relationship between liver dysfunction as it relates to dental medicine, nursing and physical therapy – study programs taught at the University of Osijek, Faculty of Dental Medicine and Health. For this reason, we gather on a regular basis, local and international experts to present the latest findings and developments in the diagnosis and therapy of liver diseases.

The historic city of Osijek serves as a wonderful venue that perfectly complements the exciting scientific program. Located on fertile land fed by the Drava and Danube rivers, and guarded by century-old castles, the region of Baranja offers a dazzling variety of culinary and potable delights. Excursions included in the meeting program provide a marvelous opportunity for participants to experience, in a convivial atmosphere, the cuisine and culture of this historic region of Croatia. If the quality of this year's meeting approaches that of past meetings, it will prove to be a scientific, cultural, and gastronomic delight.

We look forward to welcoming you, and sharing scientific knowledge while making new collaborations, and friendships.

On behalf of the Organizing Committee,

Sincerely,

Martina Smolić, M.D., Ph.D.

Robert Smolić, M.D., Ph.D.

Aleksandar Včev, M.D., Ph.D.

George Y. Wu, M.D., Ph.D.

June 13th, 2024 Thursday

Location: University of Osijek, Faculty of Dental Medicine and Health Osijek,
Hall of Josip Juraj Strossmayer, Crkvena 21, Osijek, CROATIA

- 16:00 - 18:00 REGISTRATION
 - 18:00 OPENING CEREMONY
 - 19:00 WELCOME RECEPTION AND DINNER at the „Hotel Osijek“
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June 14th, 2024 Friday

Location: University of Osijek, Faculty of Dental Medicine and Health Osijek,
Hall of Josip Juraj Strossmayer, Crkvena 21, Osijek, CROATIA

- 9:00 -18:00 REGISTRATION
- 9:30 Today's Research for Tomorrow's Cures of Liver Diseases (Introduction by Martina Smolić)**
- 9:30** George Y. Wu, Catherine H. Wu (Farmington, CT, USA): **Targeted Delivery of Mitochondria to Hepatocytes**
- 9:50** Patrick Rensen (Leiden, Netherlands): **DHCR24 Inhibition as a Promising Strategy to Combat MASH**
- 10:10** Leo van Grunsven (Brussels, Belgium): **A Closer Look at Hepatic Stellate Cell Activation in Mice and Man**
- 10:30** Noëmi Van Hul (Stockholm, Sweden): **Decoding Epithelial Regeneration in a Model of Cholestatic Liver Injury**
- 10:50** Srđan Bjedov (Novi Sad, Serbia): **Synthesis of Bile Acid Derivatives as Potential FXR Agonists for the Treatment of Liver Diseases**
- 11:10** Discussion & Coffee break
- 11:30 What's New in Liver Diseases and Beyond (Introduction by George Y. Wu)**
- 11:30** Emina Talakić (Graz, Austria): **Radiological Perspectives on Liver Iron: Imaging Diagnostics and Innovations**
- 11:45** Kristina Bojanić, Aleksandar Včev (Osijek, Croatia): **Liver Fat Quantification - The New Kid on the Block**
- 12:00** Ivan Balen, Vesna Ćosić, Blaženka Miškić (Osijek, Slavonski Brod, Croatia): **IgG4 Related Sclerosing Cholangitis: Difficulties in Diagnosing and Treatment Challenges**
- 12:15** Magdalena Wszyńska, Aleksandra Czelakowska, Małgorzata Skuchan-Nowak, Eliza Kustra, Jacek Kasperski (Katowice, Poland): **Monitoring the Inflammation of the Gastrointestinal Mucosa Using NO and the Condition of the Oral cavity**
- 12:30** Aleksandra Czelakowska, Magdalena Wszyńska, Joanna Żywiec, Jacek Kasperski (Katowice, Poland): **The Influence of Oral Health on the Level of NO in Exhaled Air**
- 12:45** Discussion & Lunch
- 13:30** Adjourn

- 15:30** Conference Tour:
- Boat tour of Nature park Kopački rit (<https://pp-kopacki-rit.hr/boat-tour/?lang=en>)
 - Wine tasting in the Horvat Winery (<https://tzbaranje.hr/okusite/vino/vinarija-horvat/>)
- 19:00** Conference Dinner at the „Baranjska kuća“ Restaurant (<https://www.baranjska-kuca.com>)
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June 15th, 2024 Saturday

Location: University of Osijek, Faculty of Dental Medicine and Health Osijek, Hall of Josip Juraj Strossmayer, Crkvena 21, Osijek, CROATIA

- 09:30** **Metabolic, Toxic, and Malignant Liver Disease: Recent Advances and Ongoing Challenges (Introduction by Catherine H. Wu)**
- 09:30** Ashraf Tabll (Cairo, Egypt): **Antibody-based Immunotherapy of Hepatocellular Carcinoma: Recent Progress and a Cancer Vaccine**
- 09:50** Tea Omanović Kolarić, Robert Smolić (Osijek, Croatia): **What Has the New Term MASLD Brought into Everyday Practice?**
- 10:00** Ana Petrović, Martina Smolić (Osijek, Croatia): **Direct Modulation of Lipid Metabolism in Liver by GLP1-RAS: Fact or Fiction?**
- 10:10** Damir Erceg (Zagreb, Osijek, Croatia): **Drug-induced Hepatotoxicity**
- 10:30** Tomislav Kizivat, Dragan Primorac (Osijek, Zagreb, Croatia): **Association between Hypothyroidism and MASLD**
- 10:40** Ervin Alibegović (Tuzla, Bosnia and Herzegovina): **Ultrasound Diagnostic Techniques for Assessing Liver Steatosis in Nonalcoholic Fatty Liver Disease**
- 11:00** Maja Čebohin (Osijek, Croatia): **The Role of Nursing Care in the Treatment of MASLD patients**
- 11:10** Discussion & Coffee Break
- 11:30** **Viral Hepatitis: Remaining Challenges (Introduction by Robert Smolić)**
- 11:30** George Y. Wu, Catherine H. Wu (Farmington, CT, USA): **Persisting Issues in Hepatitis C Treatment**
- 11:45** Sanja Stojšavljević Shapeski, Lucija Virovic-Jukic (Zagreb, Croatia): **Microelimination of HCV in Croatia - Ongoing Projects and Future Perspectives**
- 12:00** Marko Duvnjak (Zagreb, Croatia): **Trends in the Treatment of HCV in Croatia**
- 12:15** Miloš Lalovac, Tatjana Filipec - Kanižaj (Zagreb, Croatia): **Clinical Aspects in the Treatment of Hepatitis C**
- 12:30** Discussion & Closing of the Conference
- 13:00** Lunch at the „Terra Negra“ Restaurant <https://terranegra.hr>

INVITED SPEAKERS (in alphabetical order)

1. Ervin Alibegović	University Clinical Center Tuzla, Tuzla, Bosnia and Herzegovina
2. Ivan Balen	General Hospital Dr. Josip Benčević Slavonski Brod, Slavonski Brod, Croatia
3. Srđan Bjedov	University of Novi Sad, Faculty of Science, Novi Sad, Serbia
4. Kristina Bojanić	University of Osijek, Faculty of Dental Medicine and Health Osijek, Osijek, Croatia Health Center Osijek Baranja County, Osijek, Croatia
5. Aleksandra Czelakowska	Division of Medical Sciences in Zabrze, Medical University of Silesia in Katowice, Katowice, Poland
6. Vesna Ćosić	University of Osijek, Faculty of Dental Medicine and Health Osijek, Osijek, Croatia
7. Maja Čebohin	University of Osijek, Faculty of Dental Medicine and Health Osijek, Osijek, Croatia, Mursa Medical Center, Osijek, Croatia
8. Marko Duvnjak	University of Zagreb, School of Medicine, Zagreb, Croatia
9. Damir Erceg	University of Osijek, Faculty of Dental Medicine and Health Osijek, Osijek, Croatia Children's hospital Srebrnjak, Zagreb, Croatia
10. Tajana Filipec - Kanižaj	Merkur University Hospital, Zagreb, Croatia University of Zagreb, School of Medicine, Zagreb, Croatia
11. Leo van Grunsven	Vrije Universiteit Brussel, Brussel, Belgium
12. Tomislav Kizivat	University of Osijek, Faculty of Medicine Osijek, Osijek, Croatia University Hospital Osijek, Osijek, Croatia
13. Miloš Lalovac	Merkur University Hospital, Zagreb, Croatia
14. Blaženka Miškić	University of Osijek, Faculty of Dental Medicine and Health Osijek, Osijek, Croatia, General Hospital Dr. Josip Benčević Slavonski Brod, Slavonski Brod, Croatia
15. Tea Omanović Kolarić	University of Osijek, Faculty of Dental Medicine and Health Osijek, Osijek, Croatia Faculty of Medicine Osijek, Osijek, Croatia
16. Ana Petrović	University of Osijek, Faculty of Dental Medicine and Health Osijek, Osijek, Croatia

17. Dragan Primorac	St. Catherine Specialty Hospital, Zagreb, Croatia, Eberly College of Science, The Pennsylvania State University, PA, USA The Henry C. Lee College of Criminal Justice and Forensic Sciences, University of New Haven, West Haven, CT, USA Medical School, University of Split, Split, Croatia. Faculty of Dental Medicine and Health, University of Osijek, Osijek, Croatia. Faculty of Medicine, University of Osijek, Osijek, Croatia. Faculty of Medicine, University of Rijeka, Rijeka, Croatia. Medical School REGIOMED, Coburg, Germany
18. Patrick Rensen	Leiden University Medical Center, Leiden, Netherlands
19. Małgorzata Skucha-Nowak	Medical University of Silesia in Katowice, Faculty of Medical Sciences in Zabrze, Katowice, Poland
20. Martina Smolić	University of Osijek, Faculty of Dental Medicine and Health Osijek, Osijek, Croatia
21. Robert Smolić	University of Osijek, Faculty of Dental Medicine and Health Osijek, Osijek, Croatia Mursa Medical Center, Osijek, Croatia
22. Sanja Stojsavljević Shapeski	Clinical Hospital „Sestre Milosrdnice“, Zagreb, Croatia University of Zagreb, School of Medicine, Zagreb, Croatia
23. Ashraf Tabll	National Research Center, Cairo, Egypt Egypt Center for Research and Regenerative Medicine (ECRRM) Cairo, Egypt
24. Emina Talakić	University Clinic for Radiology, Medical University of Graz, Graz, Austria
25. Noémi Van Hul	Karolinska Institute, Stockholm, Sweden
26. Aleksandar Včev	Faculty of Dental Medicine and Health Osijek, Osijek, Croatia Mursa Medical Center, Osijek, Croatia
27. Lucija Virović-Jukić	Clinical Hospital „Sestre Milosrdnice“, Zagreb, Croatia University of Zagreb, School of Medicine, Zagreb, Croatia
28. Catherine H. Wu	University of Connecticut Health Center, Farmington, CT, USA
29. George Y. Wu	University of Connecticut Health Center, Farmington, CT, USA
30. Magdalena Wyszńska	Medical University of Silesia in Katowice, Faculty of Medical Sciences in Zabrze, Katowice, Poland
31. Joanna Żywiec	Medical University of Silesia in Katowice, Faculty of Medical Sciences in Zabrze, Katowice, Poland

Scientific Program Information

Certificate of Attendance

Certificates of attendance will be available at the registration desk.

Credits

The **8th Biennial International Conference on Liver Diseases (8th BIC- Liver- 2024)** has been approved for 15 credit points for lecturers and 10 credit points for participants by the Croatian Medical Chamber.

Sponsor Exhibition opening hours

Set up: Thursday, June 13, 2024 1:00 pm to 3:00 pm

Friday, June 14, 2024 8:30 am to 3:00 pm

Saturday, June 15, 2024 8:30 am to 3:00 pm

Language

The official language of the conference is English (no simultaneous translation).

Program Changes

The organizers cannot assume liability for any changes in the program due to external or unforeseen circumstances.

Registration Desk Opening Hours

Thursday, June 13, 2024 4:00 pm to 6:00 pm

Friday, June 14, 2024 9:00 am to 6:00 pm

Saturday, June 15, 2024 9:00 am to 12:30 pm

Info and Registration at

liver.meeting.croatia@fdmz.hr