



29th

# BaSS

Congress  
**Belgrade**  
April 24-26, 2025

# Abstract Book





**Organized by Balkan Stomatological Society - SRB**

**29<sup>th</sup> Congress of the  
BALKAN STOMATOLOGICAL SOCIETY**

**ABSTRACT BOOK**

**April 24 - 26, 2025**

**Sava Center**

**Belgrade, Serbia**

## **I. Message from the President of the 29<sup>th</sup> BaSS Congress**

Dear Colleagues and Friends,

On behalf of the Serbian Section of the Balkan Stomatological Society (BaSS), and under the auspices of the BaSS Council Members, it is my great pleasure to welcome you to the 29th BaSS Congress in Belgrade.

As in previous years, the 29th BaSS Congress aspires to serve as a dynamic platform for uniting dental professionals from across the Balkans. Our goal is to share up-to-date, world-class knowledge, explore modern international practices, and foster the exchange of experiences- both with leading global experts and among ourselves. This collaborative spirit offers valuable insight into the latest developments in dental science, clinical practice, and emerging technologies.

True to the tradition of BaSS, the Congress will feature a broad and engaging scientific program that spans a wide range of relevant and compelling topics in dentistry. This year, we are placing a special focus on the current and future applications of digital technologies and artificial intelligence in dental practice, with particular attention to their role within the regional context of the Balkan countries.

The Congress will host over 60 distinguished international and regional speakers, delivering a rich and diverse program that includes plenary lectures, round tables, meet-the-expert forums, workshops, oral poster presentations, covering the most innovative themes in our field.

We hope you will find the scientific program both inspiring and informative, and that you will also take the opportunity to enjoy the vibrant social and cultural life of the city of Belgrade.

**Professor Dejan Marković**

**President of the 29<sup>th</sup> BaSS Congress**

## **II. Message from the President of the Balkan Stomatological Society (BaSS)**

Dear Colleagues and Friends,

I am happy to invite you to the 29th Congress of the Balkan Stomatological Society (BaSS) that will be held in Belgrade, Serbia, from 24<sup>th</sup> to 26<sup>th</sup> of April 2025.

Dentistry is a constantly developing profession and dentists need to constantly renew their knowledge and information to take into account the latest developments. Being 'ahead of the game' is what our members of society expect from us.

As an Organizing Committee, we aim to create a stimulating and informative congress that will benefit all attendees from the Balkan peninsula. We remain dedicated to delivering outstanding quality and experience to our participants and providing access to the latest technologies, techniques, and trends that will enable dental professionals to offer exceptional care to their patients.

We would like to see all our colleagues in the beautiful city of Belgrade.

Best wishes,

**Prof. Dr. Ender Kazazoglu**

**President of the Balkan Stomatological Society (BaSS)**

**III. Contents:**

|                                               |     |
|-----------------------------------------------|-----|
| Congress Committees .....                     | IV  |
| BaSS Council .....                            | V   |
| Scientific programme - schedule .....         | VII |
| Invited Lecturers .....                       | 1   |
| Round tables .....                            | 73  |
| Workshops .....                               | 76  |
| Sessions:                                     |     |
| Endodontics I .....                           | 82  |
| Dental Materials .....                        | 123 |
| Diagnostic Sciences .....                     | 147 |
| Prosthodontics I .....                        | 158 |
| Cariology .....                               | 183 |
| Maxillofacial Surgery .....                   | 192 |
| Pediatric Dentistry I .....                   | 200 |
| Endodontics II .....                          | 205 |
| Prosthodontics II .....                       | 220 |
| Orthodontics I .....                          | 273 |
| Digital Dentistry .....                       | 301 |
| Prosthodontics III .....                      | 311 |
| Orthodontics II .....                         | 333 |
| Basic Sciences .....                          | 345 |
| Oral Surgery / Implantology .....             | 358 |
| Periodontology .....                          | 389 |
| Pediatric Dentistry II .....                  | 405 |
| Oral Medicine .....                           | 420 |
| Oral Epidemiology, Dental Public Health ..... | 434 |
| Pediatric Dentistry III .....                 | 442 |
| Education .....                               | 474 |
| National Day .....                            | 488 |

## IV. CONGRESS COMMITTEES

**President of the Congress:** Dejan Marković, Serbia

### SCIENTIFIC COMMITTEE

**President:** Tamara Perić, Serbia

#### Members:

Evgenija Marković, Serbia  
 Miroslav Andrić, Serbia  
 Antigoni Delantoni, Greece  
 Biljana Marković Vasiljković, Serbia  
 Ivana Miletić, Croatia  
 Aneta Mijoska, North Macedonia  
 Rade Paravina, USA  
 Sebastian Paris, Germany  
 Bojan Petrović, Serbia  
 Athanasios Pouloupoulos, Greece  
 Ana Pucar, Serbia  
 Elka Radeva, Bulgaria  
 Hande Şar Sancakli, Türkiye  
 Drago Jelovac, Serbia  
 Jelena Juloski, Serbia  
 Milena Radunović, Serbia  
 Jovana Shushak, North Macedonia  
 Jelena Milašin, Serbia  
 Meltem Koray, Türkiye  
 Milena Kostić, Serbia  
 Srđan Poštić, Serbia  
 Tatjana Puškar, Serbia  
 Ivana Radović, Serbia  
 Ivana Šćepan, Serbia  
 Jelena Jaćimović, Serbia  
 Ivana Milanović, Serbia  
 Bruno Nikolovski, North Macedonia  
 Mirjana Perić, Serbia  
 Marijana Popović, Serbia  
 Aleksandra Žuža, Bosnia and Herzegovina  
 Vladimir Biočanin, Serbia

### HONORARY COMMITTEE

Dragoslav Stamenković, Serbia  
 Ljubomir Todorović, Serbia  
 Momir Carević, Serbia  
 Vojkan Lazić, Serbia  
 Milan Nedeljković, Serbia

### ORGANIZING COMMITTEE

**President:** Aleksa Marković, Serbia

#### Members:

Zoran R. Vulićević, Serbia  
 Zoran Aleksić, Serbia  
 Tatjana Savić Stanković, Serbia  
 Miloš Beloica, Serbia  
 Marijan Denkovski, North Macedonia  
 Nenad Nedeljković, Serbia  
 Nataša Nikolić Jakoba, Serbia  
 Dragana Pešić, Serbia  
 Branislav Ilić, Serbia  
 Aleksandar Jakovljević, Serbia  
 Ana Jotić, Serbia  
 Dejan Stamenković, Serbia  
 Irena Aleksić Hajduković, Serbia  
 Momčilo Čolić, Serbia  
 Maja Dimitrijević, Serbia  
 Nina Dimitrijević Jovanović, Serbia  
 Đurđina Kojić, Serbia  
 Jovan Marković, Serbia  
 Iva Mijailovic, Serbia  
 Milena Milanović, Serbia  
 Sanja Petrović, Serbia  
 Ognjen Radivojević, Serbia  
 Miloš Todorović, Serbia  
 Uroš Tomić, Serbia  
 Jelena Vučetić, Serbia  
 Uroš Vučić, Serbia  
 Vukašin Košutić, Serbia  
 Veljko Marčeta, Serbia

Obrad Zelić, Serbia  
 Jovan Vojinović, Serbia  
 Predrag Anđelić, Serbia  
 Marina Soković, Serbia

## V. BaSS COUNCIL

### BaSS Executive Committee

**President:** Ender Kazazoglu

**Past President:** Norina Forna

**President Elect:** Mihael Stanojevic

**Vice President:** Zoran Vlahovic

**Secretary General:** Athanasios Pouloupoulos

**Honorary Treasurer:** Nicos Maroufidis

**Editor in-Chief:** Dejan Markovic

### BaSS Council

| Country                       | Councilor               | Deputy Councilor        |
|-------------------------------|-------------------------|-------------------------|
| <b>Albania</b>                | Ruzhdie Qafmolla        | Virgjini Mulo           |
|                               | Edit Xhajanka           | Renato Isufi            |
| <b>Bosnia and Herzegovina</b> | Nina Markovic           | Elmedin Bajric          |
|                               | Miroslav Lucic          | Smiljka Cicmil          |
| <b>Bulgaria</b>               | Elka Radeva             | Miroslava Dinkova       |
|                               | Nikolai Sharkov         | Ivailo Metodiev         |
| <b>Cyprus</b>                 | Rodos Irodotou          | George Minas            |
|                               | Huseyin Bicak           | Ahmet Ozant             |
| <b>Greece</b>                 | Dimitrios Dionysopoulos | Theodore Lillis         |
|                               | Konstantinos Kougias    | Konstantinos Kalantidis |
| <b>Montenegro</b>             | Dzenad Ganjola          | Milan Martinovic        |
|                               | Mirjan Djurickovic      | Jasminka Andjelic       |
| <b>North Macedonia</b>        | Aneta Mijoska           | Bruno Nikolovski        |
|                               | Marijan Denkovski       | Jovana Mitikj           |
| <b>Romania</b>                | Paula Perlea            | Doriana Agop-Forna      |
|                               | Ecaterina Ionescu       | Mihaela Tuculina        |
| <b>Serbia</b>                 | Momir Carević           | Aleksa Marković         |
|                               | Ana Jotic               | Dejan Stamenković       |
| <b>Turkie</b>                 | Murat Akkaya            | Zeynep Ozkort Kayhan    |
|                               | Gurkan Gur              | Gurcag Gur              |

## PP 170

**MALIGNANT TRANSFORMATION OF ORAL LICHEN PLANUS**

Marko Mladenovski<sup>1</sup>, Marija Andonovska<sup>2</sup>, Mihajlo Petrovski<sup>1</sup>, Katerina Zlatanovska<sup>1</sup>, Ana Petroska<sup>2</sup>, Tanja Stefanovska<sup>3</sup>

<sup>1</sup>*Faculty of Medical Sciences, Goce Delcev University, Stip, North Macedonia*

<sup>2</sup>*UKIM Faculty of Dentistry, Skopje, North Macedonia*

<sup>3</sup>*PHI "Health Center – Skopje, Polyclinic Idadija", Skopje, North Macedonia*

**Objective:** Oral lichen planus (OLP) is a chronic inflammatory condition of the oral mucosa, presenting in various clinical forms. OLP is most often benign, but one of the major concerns is its potential for malignant transformation. The malignant transformation of OLP presents a significant clinical challenge and requires careful monitoring and diagnostic evaluation. The aim is to review the clinical and molecular mechanisms of malignant transformation in OLP and to identify the potential risk factors that may influence the development of oral carcinoma in patients with OLP.

**Methods:** A review of literature and clinical studies focusing on the malignant transformation of OLP. The application of histopathological analysis, biopsies, and molecular tests to identify atypical cells and genetic aberrations in patients with chronic OLP were used in the diagnosis. The clinical characteristics and symptoms of the patients were analyzed to determine signs indicative of potential malignant transformation.

**Results:** Patients with malignant transformation of OLP most often have erosive lesions, which are accompanied by pain, bleeding, and lesions that do not respond to standard treatment. Research indicates that hepatitis C, smoking, alcohol, and immune disorders (autoimmune diseases) play an important role in the development of malignant transformation in OLP. Molecular analyses of genetic aberrations and molecules associated with carcinogenesis suggest genetic instability, which may lead to malignant transformation.

**Conclusion:** OLP has the potential to progress into a malignant process. Regular clinical evaluations and early biopsy are crucial for the timely detection of malignant transformation.

**Keywords:** Oral Lichen Planus, Malignant Transformation, Diagnostic