UNDER THE AUSPICES OF
European Society of Pathology
Croatian Academy of Medical Sciences
Ministry of Science, Education and Sports of the Republic of Croatia - MZOS
Institute for Clinical Medical Research of Clinical Hospital Center Sestre Milosrdnice, Zagreb
City of Zagreb

27th Ljudevit Jurak
International Symposium on Comparative Pathology with One Health Session

May 31st and June 1st, 2019, Zagreb, Croatia
University Clinical Hospital Center Sestre milosrdnice
Dear colleagues,

The Organizing Committee cordially invites you to Zagreb to take part in the 27th Ljudevit Jurak International Symposium on Comparative Pathology with One Health Session. This symposium summons international collaboration and involves an array of professionals within the field of pathology. What separates and defines this symposium is its collaboration with veterinary pathologists, and furthermore, comparison of pathologic changes in human and veterinary medicine. With this symposium we honour Professor Ljudevit Jurak, who founded the first pathology department in Croatia, in Sestre milosrdnice University Hospital Center. Professor Ljudevit Jurak contributed greatly to Veterinary and Human Pathology as well as Forensic Medicine and represents an historical and eminent figure in the field of pathology both in Croatia and worldwide (http://jurak.mef.hr/).

The main topic of this Symposium is NEW APPROACHES IN IMMUNOLOGY OF TUMORS AND OTHER DISEASES.

All pathologists dealing with Human and Veterinary Pathology as well as Forensic Pathologists are invited to participate and support this multidisciplinary meeting. We are thrilled to call upon all professionals within the field of Pathology and Forensic Medicine to attend and engage in a variety of discussions, social gathering and enjoyment.

This year, for the first time, One Health Session will be also included in the program of the Symposium. The One Health concept is a worldwide strategy for expanding interdisciplinary collaborations and communications in all aspects of health care for humans, animals and the environment (http://www.onehealthinitiative.com/index.php). Therefore, we are expanding our invitation at this point to all medical disciplines and other professions interested in sharing their interest in the ONE HEALTH arena at the 2nd day of the Symposium. The variety of topics presented by the international invited speakers will provide a framework for contributions of other participants.

POSTER SESSION: We also invite all interested colleagues to send their abstracts for the poster presentation regarding the main topic, as well as other surgical pathology topics.

STUDENT POSTER ONE HEALTH AWARD COMPETITION: Interprofessional student teams or individuals are again invited to present their posters in the topic of ONE HEALTH (interdisciplinary and interprofessional teams that work on research topics that include human and animal medicine, environmental health, animal models of human disease, and translational science) to compete for the 1,000 HRK “S. TKALČIĆ ONE HEALTH AWARD”.

We hope that you will enjoy the scientific program as well as the social events included.

This work is supported by Scientific Center of Excellence for Reproductive and Regenerative Medicine, Republic of Croatia, and by the European Union through the European Regional Development Fund, under grant agreement No. KK.01.1.1.01.0008, project „Reproductive and Regenerative Medicine - Exploring New Platforms and Potentials“.
# Program - All lectures will be presented in English

**FRIDAY MAY 31st, 2019**

**27th LJUDEVIT JURAK INTERNATIONAL SYMPOSIUM ON COMPARATIVE PATHOLOGY**

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>08:00</td>
<td>Registration</td>
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<td>08:30</td>
<td>Opening ceremony</td>
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**INVITED LECTURES**

**Chairpersons: Božo Krušlin, Hrvoje Čupić**

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<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>09:00</td>
<td>George J. Netto (USA)</td>
<td>Immunogenomics on RCC</td>
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<td>Discussion</td>
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<tr>
<td>09:40</td>
<td>Anna Yemelyanova (USA)</td>
<td>Molecular diagnostics in Gynecologic Oncology</td>
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<td>Discussion</td>
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<tr>
<td>10:20</td>
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<td>Coffee break</td>
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**Chairpersons: George J. Netto, Suzana Tkalčić**

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:40</td>
<td>Luka Brčić (AUT)</td>
<td>Biomarkers in lung cancer pathology</td>
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<td>Discussion</td>
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<tr>
<td>11:10</td>
<td>Sanja Pleštica (CRO)</td>
<td>Immunotherapy of lung cancer</td>
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<td>Discussion</td>
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<tr>
<td>11:40</td>
<td>Donna Shettko (USA)</td>
<td>Upper respiratory infections in mountain gorillas</td>
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<td>Discussion</td>
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<td>12:10</td>
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<td>Coffee break</td>
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<tr>
<th>Time</th>
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<tr>
<td>12:30</td>
<td>Suzana Tkalčić (USA)</td>
<td>Applied immunology: novel experimental approaches to tumor biopsy</td>
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<td>Discussion</td>
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<tr>
<td>13:00</td>
<td>Elizabeth F. Schilling (USA)</td>
<td>The oral microbiota in health and disease</td>
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<td>Discussion</td>
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<td>13:30</td>
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<td>Lunch</td>
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**Chairpersons: Marina Kos, Božo Krušlin**

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14:50</td>
<td>George J. Netto (USA)</td>
<td>Immunogenomics on bladder cancer</td>
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<td>Discussion</td>
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<tr>
<td>15:30</td>
<td>Anna Yemelyanova (USA)</td>
<td>HPV-related lesions of gynecologic tract: current challenges, biomarkers, new directions</td>
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<td>Discussion</td>
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<th>Time</th>
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<tr>
<td>16:20</td>
<td>Fabio Del Piero (USA)</td>
<td>Comparative pathobiology as diagnostic and research tool for advancements in animal and human health</td>
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<td>Discussion</td>
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<tr>
<td>17:00</td>
<td>Ivan-Conrado Šoštarić-Zuckermann (CRO)</td>
<td>Prognostic factors of canine lymphomas and mast cell tumors</td>
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<td>Discussion</td>
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<td>20:30</td>
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<td>Symposium dinner</td>
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SATURDAY JUNE  1st, 2019

INVITED LECTURES

Chairpersons: Suzana Tkalčić, Boris Habrun

08:30  Tracey S. McNamara (USA)
One Health agenda: disease X
Discussion

09:00  Ante Cvitković (CRO)
One Health Symposium Slavoninski Brod 2014
Discussion

09:20  Aleksandar Džakula (CRO)
Is the “One health” concept relevant for Croatia?
Discussion

09:40  L. Tonatiuh Melgarejo (USA)
Current challenges in antimicrobial resistance
Discussion

10:10  John Tegzes (USA)
Novel and affordable antivenom on our doorstep
Discussion

10:40  Coffee break

Chairpersons: Tracey S. McNamara, Ante Cvitković

11:10  Boris Habrun (CRO)
CVI and One Health
Discussion

11:30  Pedro P. Diniz (USA)
Ticks and their tricks: tick-borne diseases
Discussion

12:00  Zdenko Sonicki (CRO)
Public Health and disease surveillance
Discussion

12:20  Diane McClure (USA)
Rethinking biosecurity with a one health perspective: design and assessment
Discussion

12:50  S. Tkalčić One Health Award and Closing ceremony

13:00  Sightseeing trip to Zagreb surroundings
Organizing Committee

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Instructions for participants

**MAIN TOPIC:** NEW APPROACHES IN IMMUNOLOGY OF TUMORS AND OTHER DISEASES

**DATE AND VENUE:** May 31st and June 1st, 2019, Sestre milosrdnice University Hospital Center (Multimedia center), Zagreb, Croatia

**OFFICIAL LANGUAGE:** English

**PRE-REGISTRATION DEADLINE:** May 1st 2019. On-site registration available.

**ABSTRACT SUBMISSION DEADLINE:** May 1st 2019.

**REGISTRATION FEE:** is 50 EUR for all participants.

The registration fee includes all Symposium materials, access to the lectures, coffee breaks and Symposium dinner. All participants who pay registration fee will receive official points from the Croatian Medical Chamber or Croatian Veterinary Chamber.

**OPTIONAL ACTIVITIES:** The sign in sheet for the optional sightseeing trip to Zagreb surroundings with lunch on Sat June 1st at 13:00 after Closing ceremony will be available on site. Additional fee per person: 15 EUR.

**POSTER PRESENTATIONS:** We invite all interested colleagues to send their abstracts for the poster presentation regarding the main topic, as well as other surgical pathology and One Health topics.

Abstract must be written in English. If student submission, please indicate in the abstract and on the poster as: *student submission.

Abstract, including title, authors name and institutions, must not exceed 2500 characters. Each poster board will have an available space of 120 cm high x 100 cm wide. The posters should be fixed on the board by adhesive tapes that will be provided by the Organizer. Handouts of the posters are welcome.

One of the poster authors is expected to stand by the poster during coffee breaks on Friday and Saturday in order to be able to discuss the poster with the poster commission.

For the 27th Ljudevit Jurak International Symposium on Comparative Pathology with One Health Session you may electronically apply here.

Electronic abstract submission for the poster presentation for the 27th Ljudevit Jurak International Symposium on Comparative Pathology with One Health Session, click here.

All information about Symposium are also available at the symposium web site http://www.kbscm.hr/jurak/category/simpoziji/