Parasites and SEE

Parasites are forever!
• here since the dawn of mankind
• many (re)emerging: CHANGE:
  • climate, migrations of people and animals, food habits

South-East Europe:
✓ at the crossroads of East & West
✓ of Mediterranean & continental Europe

Serbia centrally located in SEE:
✓ privileged area to monitor ongoing
✓ anticipate emerging parasitic infections

- zoonoses particularly significant:
  One Health approach
Parasitology in Serbia
- the beginnings

long standing tradition in parasitology research and application

- early 20th century: Academician Čedomir Simić, MD
- first professor of parasitology at the newly founded Veterinary Faculty at the Univ Belgrade in 1930’s

- late 20th century: Academician Zlatibor Petrović, DVM
- important figure in the Yugoslav Society of Parasitologists (founded in 1971)
- General Secretary of the EFP
- hosted the 2nd EMOP, held in Trogir (now Croatia) in 1975

- Turn of the millenium: Kosta Čuperlović

Parasitology in Serbia – the beginnings

PARASITOLOGY IN SERBIA

STRENGTHS

Scope of activities:
• from basic science to education, laboratory services to clinical application

Teaching / Education:
• parasitology part of the curriculum
  at all 5 med schools and both schools of vet med at public-funded universities

Governmental institutions support:

• Ministry of Education & Science:
  - main funder of research
  - one of several CE in Serbia dedicated to parasitology

Non-governmental:
SSP

• Ministry of Health:
  network of natl ref labs for ID, incl.
  4 for parasitic diseases:
  ✓ toxoplasmosis
  ✓ trichinellosis
  ✓ parasitic zoonoses other than trich & tox
  ✓ tropical diseases and malaria
RESEARCH

Projects
National projects (2011-2016) funded by Ministry of Education & Science of Serbia:
• Control of Apicomplexan pathogens (Olgica Djurkovic-Djakovic)
• Mechanisms of immune response to parasitic infection (Ljiljana Sofronic)
• Transmission cycles of tick-borne pathogen microorganisms (Snezana Tomanovic)

International projects:
✓ FP6 project: 2007-2009: Reinforcement of the Serbian Centre for Parasitic Zoonoses (FP6-INCO-CT-043702 - SERBPARZOON)
✓ COST Actions: - FA 0805 CAPARA - TD 1303 EURNEGVEC
- - TD 1302 CYSTINET - FA1408 - Euro-FBP
✓ ESCMID: 2014-2016: Burden of toxoplasmosis in transplant patients in Europe
✓ EFSA: 2013-2015: Toxoplasma in meat
✓ Numerous bilateral projects

Publications
>150 scientific papers in indexed internat’l journals in the last 5 years

Books-monographs
City of Belgrade Award for natural sciences for 2012:
M Milutinović, Ž Radulović, S Tomanović: Ticks (Acari: Ixodidae, Argasidae) of Serbia

DISSEMINATION
of research results

Organizer of nat’l and internat’l meetings
International
• Achievements and perspectives. FP6-INCO-CT-043702-SERBPARZOON Project Workshop 19-20 June, Belgrade 2009
• Parasitic zoonoses in present day Europe. Focus on South-East. FP6-INCO-CT-043702-SERBPARZOON Project Conference, 18-20 Nov, Belgrade 2013
• COST Action FA 0805 – CAPARA Training section, 18 Jan, Belgrade 2015
• Int’l conference on taeniosis and cysticercosis: a one health challenge. COST Action TD1302 - CYSTINET Project Conference, 03-04 Nov, Belgrade

Domestic
• 4 CME meetings / yr, featuring 2 educational lectures, symposia
• presentations of parasitological theses (awards to young scientists)
• co-organizer of parasitology session at Annual Congress of Preventive Medicine (w/ University of Nis)
• NRLs → training schools, nat’l and regional participation
INTERNATIONAL COOPERATION

- Member Society of the European Federation of Parasitology (EFP)
- Member Society of the World Federation of Parasitology (EFP)
- International Commission for Trichinellosis - Serbia continuously represented, by experts from the INEP Inst: Ćuperlović, Sofronić...
- SouthEastern and Eastern European Parasitology Society (SEEEPS) - ODjDj Board member/vice President
- ODjDj General Secretary of EFP (since 2016)
- Bilateral activities w/ Hungarian Society for Parasitology (continuation of earlier cooperation)
- Bilateral cooperation w/ Austrian Society for Parasitology (new!)
Bilateral HSP - SSP meeting
Palić, Serbia, Oct 2014

- Renewal of traditional ties btw Hungarian and Serbian Societies

PARASITOLOGY IN SERBIA
WEAKNESSES

?
PARASITOLOGY IN SERBIA

OPPORTUNITIES

• not all cooperation possibilities exhausted

PARASITOLOGY IN SERBIA

THREATS

No national project funding
EMOP
13th European Multicolloquium of Parasitology 2020
Serbian Society of Parasitologists

25-30 August, Belgrade, Serbia

w/ local institutional and regional support
• Serbia: easy access - no visa
• Belgrade - historic but vibrant
• Venue: HQ hotel Crowne Plaza, 4*
• affordable: registration & accommodation

CHANGING CLIMATE CHANGING PARASITES
### Schedule

<table>
<thead>
<tr>
<th>Day</th>
<th>Tuesday, 25&lt;sup&gt;th&lt;/sup&gt;</th>
<th>Wednesday, 26&lt;sup&gt;th&lt;/sup&gt;</th>
<th>Thursday, 28&lt;sup&gt;th&lt;/sup&gt;</th>
<th>Friday, 29&lt;sup&gt;th&lt;/sup&gt;</th>
<th>Saturday, 30&lt;sup&gt;th&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 10:30</td>
<td>Registration</td>
<td>Plenary lecture</td>
<td>Plenary lecture</td>
<td>Plenary lecture</td>
<td>Parallel sessions 1-4</td>
</tr>
<tr>
<td>10:30 - 11:00</td>
<td></td>
<td></td>
<td></td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>12:00 - 13:30</td>
<td></td>
<td>Parallel sessions 1-4</td>
<td>Parallel sessions 1-4</td>
<td>Lunch</td>
<td>Parallel sessions 1-4</td>
</tr>
<tr>
<td>12:30 - 13:30</td>
<td></td>
<td></td>
<td></td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>13:30 - 15:30</td>
<td></td>
<td>Parallel sessions 1-4</td>
<td>Parallel sessions 1-4</td>
<td></td>
<td>Parallel sessions 1-4</td>
</tr>
<tr>
<td>15:30 - 16:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Closing ceremony</td>
</tr>
<tr>
<td>16:00 - 18:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19:00 - 21:00</td>
<td>Keynote lectures</td>
<td>Optional excursions</td>
<td>Optional excursions</td>
<td>Gala dinner</td>
<td></td>
</tr>
</tbody>
</table>

**Friday:**

**GALA DINNER**

Unique venue with a story!

White Palace of Dedinje

Home of Prince Aleksandar II Karadjordjevic

Location: Royal Palace

Duration: 3 hrs

Type: Seated dinner
It will be a pleasure to welcome you in Belgrade!