

Section for Clinical Pharmacology Serbian Medical Society

After 4 years of foundation, we are glad to say that the Section for Clinical Pharmacology of the Serbian Medical Society (SCP SMS) is popular as well as accepted and satisfied in the Serbian Medical Society. According to judgment of the President Academician Professor Radoje Colovic, SMS general manager Suzana Bjelogrljic, SMS Presidency and SMS colleagues and members, SCPSMS is one of the most active and successful Sections.



Serbian Medical Society



SCPSMS logo

During the last 4 years, SCPSMS members have worked hard through the *Continuous Medical Education (CME)*, and received the highest number of points by the Health Council of Serbia for its extraordinary quality, and these points are required for granting and extending the license. CME is held regularly once a month in SMS premises. The clinical pharmacologists and all other doctors appreciated the opportunity to obtain continuing medical education credits for a convenient setting.



CME SCPSMS



CME SCPSMS

- ***CME Courses organized by SCPSMS.***

This year, the most popular CME courses were:

- ***Biotechnological and similar biological medicinal products – from discovery to therapeutic application*** (CME leader Prof Momir Mikov and Prim Mirjana Mojovic), involving the discovery, development, clinical application, pharmacoeconomic estimate and pharmacovigilance of this modern perspective group of drugs.



Prof Dr Momir Mikov - Biotehnology

- ***Monitoring and reporting of drug side-effects – factor of safe and successful pharmacotherapy*** (CME leader Branka Terzic, MD, PhD), addressing the significance of pharmacovigilance for safety of therapy, role of ALIMS (Medicines and Medical Devices Agency of Serbia) in reporting and monitoring of side-effects of drugs, legislation related to pharmacovigilance, drug cardiotoxicity, side effects in surgical disciplines, side effects of neuroleptics, antihypertensives, antidepressants, anticoagulants and dual antiplatelet therapy.



Dr Branka Terzic - Pharmacovigilance

- **Therapy and prevention of disease in older people** (CME leader Prof Kornelija Djakovic Svajcer); the lessons were: Pitfalls of pharmacotherapy applied in older people, Significance of organization of home treatment and care in primary health care and Prevention and therapy of osteoporosis



Prof Kornelija-Djakovic-Svajcer - Therapy in older

- **Serotonin – red thread in clinical pharmacology** (CME leader Prof Ivana Timotijevic) The most important and contemporary topics were included, such as: Serotonin organization of CNS, Second generation antipsychotics and principle of typicality, Serotonergic antidepressants in treatment of affective disorders and hot topic - Clinical implications of SSRI application in surgery.



Prof Dr Ivana Vanja Timotijevic - Serotonin in clinical pharmacology

- **Good Clinical Practice in Clinical Trials** (CME leader Dragana Maca Kastratovic). Good Clinical Practice is an international ethical and scientific standard of quality for design and performance of clinical trials as well as data collection and reporting on studies involving human subjects.

The objective is to provide unique and uniformed standard for EU, Japan, SAD, Australia and WHO as well as to secure completely the rights, safety and wellbeing of study subjects and obtain credible clinical data. This is the only CME that is carried out in small groups (about 30 attendants) because of interactive lessons.

Good Clinical Practice in Clinical Trials is CME whose certificate is approved by ALIMS, Ministry of Science, and Ministry of Public Health, and by regulations of the Republic of Serbia, it is required for participation in clinical trials, both commercial and academic ones. This CME has been traditionally carried out every 6 months since SCPSMS foundation. I am going to address the following subjects: Good Clinical Practice – definition and significance, Preclinical trials, Clinical trials – preregistration phases, Clinical trials, postregistration phase, Types of studies, Ethics Boards, Correlation of pharmacovigilance of the preclinical and clinical trials, Subject Informed Consent Form, Vulnerable population: Children and pregnant women and others, Carrying out of clinical trials, The role of inspection in clinical trials, Placebo in cardiovascular diseases trials, Placebo in psychiatric trials, Statistical methods in clinical trials - results - analyses, Serbian regulations of the clinical trials.



Prim Dr Maca Kastratovic – GCP

- The reputation of CME SCPSMS among colleagues has been earned due to qualitative and contemporary lectures of SCPSMS members: Slobodan Jankovic, Nina Japundzic, Jelena Vukovic, Nikola Kocev, Ana Sabo, Violeta Stanimirovic, Aleksandar Raskovic, Mirjana Todorovic, Zorana Vasiljevic, Ivan Dimitrijevic, Zana Stankovic, Viktorija Dragojevic Simic, Zorica Vucinic, Ljiljana Djukic, Marko Ercegovac, Gordana Matic, Tatjana Sipetic, Srdjan Raspopovic, Dragan Matic, Radmila Velickovic, Dragan Piki Milovanovic, Gordana Pejovic, Aleksandar Nikolic, Zdenko Tomic, Gordana Dragovic, Branislava Majstorovic, Tatjana Sipetic, Pavle Zelic, Branka Terzic, Ivana Timotijevic, Kornelija Djakovic Svajcer, Momir Mikov, Maca Kastratovic.



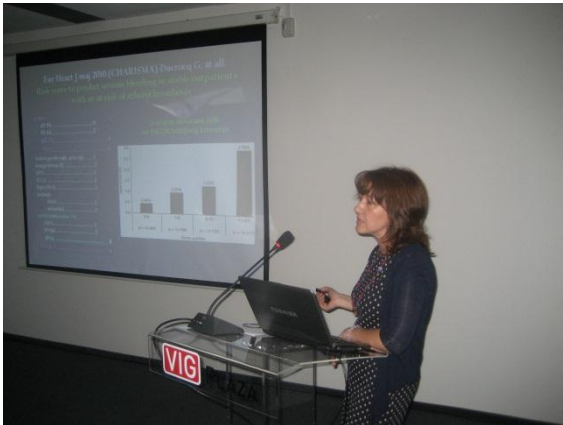
Prof Dr Nina Japundzic Zigon



Prim Ljiljana Djukic, Pharm



Prof Dr Slobodan Jankovic



Dr Gordana Matic

- ***Workshops.***

In addition, the work of SCPSMS is carried out through annual workshops Weeks of Hospital-Clinical Pharmacology, traditionally at the end of November every year.

The Section for Clinical Pharmacology of the Serbian Medical Society (SCPSMS) held its fourth annual Hospital Pharmacology Week (IV WHCP) in Belgrade, Serbia, on 30th Nov. -1st Dec., 2012. The topic of the Conference was “Integration of Science and Profession” and included a two-day workshop, social functions and poster competition. Approximately, there were one hundred clinical pharmacologists and medical specialists, including guests from Germany, France and Italy, who participated at this event.

The moderators were Prof. Momir Mikov, President of SCPSMS, Dragana Maca Kastratović, Secretary of SCPSMS, and Ana Sabo, President of the SCPSMS Scientific Board. The workshop was opened with a welcome from the national healthcare officials and an address by Radoje Čolović, President of the Serbian Medical Association, Snezana Pajovic, Deputy Minister of International Cooperation in the Ministry of Education and Science, and then prof. Momir Mikov, an associate of drug policy in Serbia within the Ministry of Health, stepped to the podium and addressed the audience. Vojislav Popovic, Presidency of the Academy of Medical Sciences, gave the final word.



IV WHCP 2012 - the last consultation



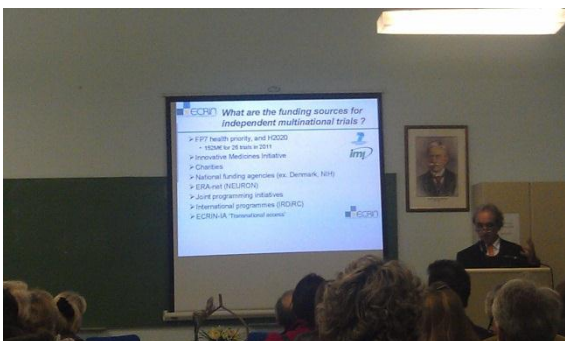
IV WHCP 2012 Snezana Pajevic, Ministry of Science



IV WHCP 2012 from left to right first row Edoardo Spina, Ana Sabo, Viktorija Dragojevic Simic, Voja Popovic

As a strategy for integrating science into professional practice, the organizers scheduled an entire afternoon for presentations and panel discussion on the benefits of national and regional collaborations. Of particular interest was an update on activities of the European Clinical Research Infrastructure Network (www.ECRIN.org), whose partner for Serbia in the field of the applied sciences is the Serbian Medical Society, supported by the Ministry of Science and Ministry of Public Health.

Guest speakers, Jacques Demotes-Mainard and Christine Kubiak, described how Serbian scientists could contribute to, and benefit from, the ECRIN programs. On behalf of SMS, EU Correspondents for SMS, Dr Maca Kastratovic and Dr Srdjan Djani Markovic, thanked for the tribute shown by ECRIN and presented the last results. All present doctors were delighted with the fact that there would be a possibility to unlock locked scientific potential in our country through ECRIN in SMS.



Prof Jacques Demotes, ECRIN Director



IV WHCP 2012



IV WHCP ECRIN-SMS Maca Kastratovic, EUCos

A guest speaker, Prof. Eduardo Spina, professor and deputy dean at the University of Messina in Italy, updated the attendees on the latest efforts of the Italian Society of Pharmacology, in conjunction with the Austrian Pharmacological Society and SCPSMS, to organize an IUPHAR-sponsored regional conference. It is anticipated that three organizing societies will submit a formal application for organization this event supported by IUPHAR in the coming year.



IV WHCP Edoardo Spina IUPHAR Serbia-Italy-Austria

The workshop was followed by a poster competition describing research in a variety of topics. The winning poster described the results of a four-year (2006-2010) study on the use of antihypertensive drugs in Serbia. The authors were Drs. Dragana Milijašević, Zdenko Tomić, Ana Sabo, Momir Mikov and Boris Milijasevic.



IV WHCP Posters 2012 Aleksandra Kovacevic, pharm; Dr Boris Milijasevic

Meeting participants had a guided tour of Belgrade on Friday evening and a concert on Saturday night. Meals provided excellent opportunities for networking and casual conversation about clinical experiences and research projects. The registrants look forward to the V Hospital Pharmacology Week workshop scheduled for November 29th to December 1st, 2013.

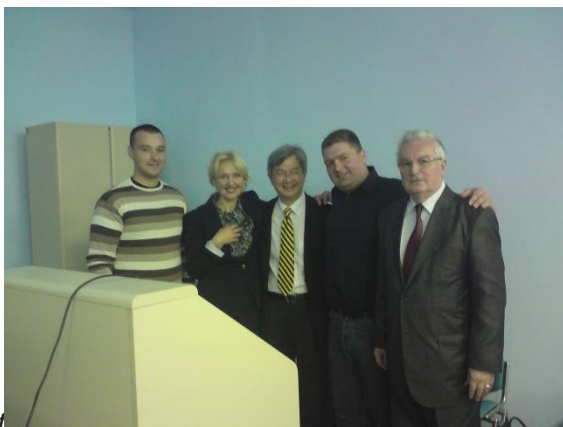
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- ***Invited lecturers.***

A huge success was the Scientific Meeting organized by the Academy of Medical Sciences of the Serbian Medical Society (AMSSMS), on February 22, 2013. At the invitation of Prof Pavle Milenkovic AMSSMS President, Prof Dr David T.W. Wong, Associate Dean for Research at the University of California Los Angeles delivered a great lecture: Saliva Biomarkers – early diagnostics and clinical perspectives, as did Primarius Dragana Maca Kastratović, MD, PhD-Clinical Center of Serbia, with her lecture: Saliva Oral Cancer Biomarkers – Validation in Serbian population and clinical perspectives. We respect very much Prof David TW Wong's revolutionary scientific discovery Saliva Biomarkers and really believe that he deserves Nobel Prize. Working as a team, Prof David and Prim Maca have underlined that Saliva oral cancer test would facilitate oral cancer stage detection, save many human lives and be used in personalized clinical pharmacology. This saliva research results really raise the scientific boundaries.



AMSSMS 22^t febr 2013 - Prof dr David TW Wong, Prim dr Maca Kastratovic, Dr Srdjan Markovic, Acad Radoje Colovic, Acad Pavle Milenkovic, Jadranka Antic, biologis



AMSSMS Dr Milos Mijajlovic, Prim Dr Maca Kastratovic, Prof Dr David TW Wong, Dr Srdjan Markovic, Prof dr Pavle Milenkovic

- ***Acknowledgement.***

In May, 2013, Prof. Mikov Mikov, SCPSMS President was appointed an associate member of the Academy of Medical Sciences of the Serbian Medical Society, for research activities: Research on drug metabolism in vivo and in vitro, Development of analytical methods for metabolic studies, Inventor of bile acids as new antidiabetic agents, Study director/principal investigator/clinical investigator on more than 60 bioequivalence and controlled clinical trials. Also, acknowledgement is for leading SCPSMS.



Prof Dr Momir Mikov

- ***New Journal.***

In April 2013, the Section of Clinical Pharmacology submitted a proposal to the Serbian Medical Society to create an online, open access journal specializing in hospital-related pharmacology. The request was approved. It is anticipated that the journal, entitled *Hospital Pharmacology - International Multidisciplinary Journal*, will be officially launched during the V Hospital Pharmacology Week, in November 2013. The Instructions to Authors and submission directions are available at <http://www.hophonline.org>.

Advancing the interests and training of clinical pharmacologists and medical specialists are the missions of SCPSMS. The incoming year promises to bring to SCPSMS members additional opportunities for first-rate continuing medical education, national and regional research collaborations, and the latest information on advances in the discipline. In the past and future activities, it means a lot to us and we are extremely proud of collaboration and

guidelines of the most powerful association of clinical pharmacology - IUPHAR. *Special pleasure and collaboration with the Pharmacology International, favored publication of the clinical pharmacology by which the IUPHAR provides informativeness to and collaboration with all clinical pharmacologists worldwide.*

Dragana Maca A. Kastratovic, Secretary, SCPSMS
Collated and edited by Lynn LeCount, CMA