



*Improving healthcare decisions*

<b>Chapter Name</b>	<b>Croatia</b>
<b>President</b>	Marijo Vukušić, MSc. BSc.Pharm, Genesis Pharma, marijo.vukusic@genesispharma.com
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<b>Director</b>	Josip Culig, Prof, MD, PhD, Andrija Stampar Institute of Public Health, josip.culig@stampar.hr
<b>When are elections held for your Chapter's Board?</b>	December 2017
<b>Regional Chapter Members - 2017</b>	27
<b>Regional Chapter Members - 2016</b>	25
<b>Notes re Chapter members</b>	
<b>Full ISPOR members (those paying dues to ISPOR Headquarters)</b>	5
<b>Does your Chapter collect membership dues or fees from individuals for local Chapter membership?</b>	15 USD
<b>Benefits Chapter offer to members</b>	Active participation in Chapter activities such as additional education, research and publication
<b>Chapter's accomplishments in 2017 with regard to membership recruitment, retention, and engagement.</b>	Accomplishments in 2017 with regard to scientific and educational activities; participation in pharmacoepidemiological / pharmaco-economic workshops and presentations.
<b>Academia%</b>	20
<b>Government/HTA Agency%</b>	38
<b>Industry - Pharmaceutical/Medical Device/Diagnostics/ Biotech%</b>	30
<b>Consulting%</b>	8
<b>Clinicians%</b>	4
<b>Student%</b>	
<b>Other%</b>	
<b>Chapter's accomplishments in 2017 with regard to education and training.</b>	In the past year 2017, some ISPOR members held lectures at various Universities and Faculties in Croatia in the field of pharmaco-economics, within the curriculum of these faculties. This type of activity of chapter members has been ongoing in the past few years.

**Chapter's accomplishments in 2017 with regard to research.**

Selected publications of ISPOR Croatia Chapter members: 1. Pricing and Reimbursement of Biosimilars in Central and Eastern European Countries. Kawalec P, Stawowczyk E, Tesar T, Skoupa J, Turcu-Stiolica A, Dimitrova M, Petrova GI, Rugaja Z, Männik A, Harsanyi A, Draganic P. *Front Pharmacol.* 2017 Jun 8;8:288. 2. Pharmacoeconomics - Challenges for Health Professionals. Turčić P, Benković V, Brborović O, Valent A. *Acta Med Croatica.* 2017 Apr;70(2):117-23. Review. 3. Genetic coding algorithm for sense and antisense peptide interactions. Štambuk N, Konjevoda P, Turčić P, Kövér K, Kujundžić RN, Manojlović Z, Gabričević M. *Biosystems.* 2017 Oct 28. pii: S0303-2647(17)30279-4. doi: 10.1016/j.biosystems.2017.10.009. 4. Drug Policy in Croatia. Culig J, Antolic S, Szkultecka-Dębek M. *Value Health Reg Issues.* 2017 Sep;13:27-30. doi: 10.1016/j.vhri.2017.07.005. 5. Validation of the Disease-specific Questionnaire MSQoL-54 in Bosnia and Herzegovina Multiple Sclerosis Patients Sample. Catic T, Culig J, Suljic E, Masic A, Gojak R. *Med Arch.* 2017 Apr;71(2):103-106. doi: 10.5455/medarh.2017.71.103-106. 6. Antecedents and associations of sickness presenteeism and sickness absenteeism in nurses: A systematic review. Brborović H, Daka Q, Dakaj K, Brborović O. *Int J Nurs Pract.* 2017 Dec;23(6). doi: 10.1111/ijn.12598. Epub 2017 Nov 1. 7. Does recreational scuba diving have clinically significant effect on routine haematological parameters? Perovic A, Nikolac N, Braticevic MN, Milcic A, Sobocanec S, Balog T, Dabelic S, Dumic J. *Biochem Med (Zagreb).* 2017 Jun 15;27(2):325-331. doi: 10.11613/BM.2017.035. 8. Clinical and Biochemical Influence of Prostatic Stones. Soric T, Selimovic M, Bakovic L, Šimurina T, Selthofer R, Dumic J. *Urol Int.* 2017;98(4):449-455. doi: 10.1159/000455161. Epub 2017 Jan 5. 9. Adverse drug reactions of non-opioid and opioid analgesics reported to Croatian national authority from 2007 to 2014. Sunara P, Krnic D, Puljak L. *Acta Med Acad.* 2017 Nov;46(2):94-104. doi: 10.5644/ama2006-124.194. 10. Prevalence of potentially serious drug-drug interactions among South African elderly private health sector patients using the Mimica Matanović/Vlahović-Palčevski protocol. van Heerden JA, Burger JR, Gerber JJ, Vlahović-Palčevski V. *Int J Pharm Pract.* 2017 Jun 30. doi: 10.1111/ijpp.12383. 11. Patient safety culture shapes presenteeism and absenteeism: a cross-sectional study among Croatian healthcare workers. Brborović H, Brborović O. *Arh Hig Rada Toksikol.* 2017 Sep 26;68(3):185-189. doi: 10.1515/aiht-2017-68-2957. 12. Pharmaceutical Regulation in Central and Eastern European Countries: A Current Review. Kawalec P, Tesar T, Vostalova L, Draganic P, Manova M, Savova A, Petrova G, Rugaja Z, Männik A, Sowada C, Stawowczyk E, Harsanyi A, Inotai A, Turcu-Stiolica A, Gulbinović J, Pilc A. *Front Pharmacol.* 2017 Dec 18;8:892.

Accomplishments in 2017 with regard to policy-related activities. The strategy for the development of ISPOR Croatia Chapter was discussed with different stakeholders within the academia and other institutions related to the public health.

**Chapter's accomplishments in 2017 with regard to policy-related activities.**

**Chapter's accomplishments with regard to Chapter meetings, workshops, or conferences in 2017.**

Representatives of ISPOR Croatia Chapter had an important participation at ISPOR CEE Consortium Meeting during the ISPOR European Congress in Glasgow, Scotland, 4-8 November 2017. They attended Working Committee Meeting and ISPOR Europe Chapters Presidents and EUPATI Meeting as well as at the ISPOR CEE Consortium Executive Committee Meeting. ISPOR Croatia members participated in lecturing within Forum: "The Burden of COPD in Central and Eastern Europe". Members of ISPOR Croatia Chapter participated in lectures on the interdisciplinary scientific and professional symposium "One Health - One Science", held in Zagreb on November 18th, 2017 at the University of Zagreb. The event has been dedicated to the European Day of Antibiotic Awareness, the World Antibiotic Awareness Week, as well as to the 135th Continuous Pharmacy Class at the University of Zagreb. On December 11th 2017 HALMED organized a regulatory and pharmacovigilance conference on "The Complete Regulatory Approach - From Approval to Drug Administration". ISPOR Croatia Chapter members have been the co-organizers of the conference and have participated with the lectures.

**Articles published in ISPOR's publication in 2017 - *Value in Health*, *Value in Health Regional Issues*, *Value and Outcomes Spotlight*, and ISPOR Regional newsletters by members in your Chapter.**

Drug Policy in Croatia. Culig J, Antolic S, Szkultecka-Dębek M. *Value Health Reg Issues*. 2017 Sep;13:27-30. doi: 10.1016/j.vhri.2017.07.005.

**Contributions to ISPOR Conferences and Events by Chapter members in 2017. Include workshops, poster, and podium sessions.**

ISPOR Croatia members participated in lecturing within Forum: "The Burden of COPD in Central and Eastern Europe".

**Describe any regional patient engagement activities.**

There is a communication with some patient associations in Croatia, but it is not institutionalized

**Activities organized for students or new professionals.**

Members of the society who have classes at the universities organize seminars for students. New professionals can be included in events during regular meetings of the society

**Chapter affiliations with any institutions, universities, government, or associations (other than ISPOR).**

Yes, ISPOR Croatia Chapter is affiliated with some institutions, universities, government, or associations (other than ISPOR) in such a way that members of ISPOR Croatia are also members of these institutions and promote cooperation: Andrija Stampar Teaching Institute of Public Health, Zagreb; Department of Biotechnology University of Rijeka; Faculty of Pharmacy and Biochemistry University of Zagreb; Croatian HTA Agency; HALMED; Croatian Pharmacological Society

**Does your Chapter have any agreements of sponsorship arrangements with any for-profit companies, governments, health authorities, or associations?**

No

**Chapter (as a group, not as individual members) formal comments or responses to any government or health authority.**

No

**Chapter Groups**

**HTA in your Chapter's country or region.**

Our country/region requires HTA , but the Chapter is not involved.

Our country/region requires HTA and the Chapter's individual members are involved as experts in the national/regional HTA organizations.

Our Chapter provides training/education in HTA.

Our country/region requires HTA and the Chapter participates in the development/update of national/regional HTA guidelines.

<b>Is your Chapter officially registered with regional authorities in your country?</b>	Yes, indicate what authority  Republic of Croatia, Ministry of Administration, Association Register
<b>Does your Chapter employ paid administrative or management staff (Association Management Company, contracted staff)?</b>	No
<b>Other than the page for your Chapter on the ISPOR website, does your Chapter maintain a website?</b>	No
<b>Does the Chapter have a bank account?</b>	Yes
<b>Official organizational email address?</b>	No
<b>How can the ISPOR organization as a whole (Staff, Board, Consortia, Networks, etc.) better support your Chapter?</b>	If would be necessary, a small financial support for organizing the symposium or workshop
<b>3 challenges the Chapter is facing at the start of 2018.</b>	Promoting  Education Research and publication
<b>Current Chapter members.</b>	A_ISPOR_CROATIA_2018-members.docx
<b>CV for the Chapter President.</b>	Marijo_Vukušić_CV.docx
<b>Chapter's Annual Work Plan.</b>	A_ISP_Regional_Chapter_Annual_Work_Plan_2018.docx
<b>Who prepared this report.</b>	Pero Draganić, MD, PhD, Associate Professor, Past president ISPOR Croatia HALMED, pero.draganic@halmed.hr +385 1 4884 341
<b>FCPA Agreement</b>	x