

AGENDA OF WORKSHOP
ON SCOPE AND METHODOLOGY OF DRUG SHORTAGES RESEARCH
25-th and 26-th of April 2019

**Institute of Public Health, Faculty of Health Sciences,
Jagiellonian University Medical College, Krakow, Poland**

Version 24.04.2019

Day 1. - 25.04.2019

Venue: **ul. Jagiellońska 15**; Krakow; Jagiellonian University – Collegium Maius; room “**Bobrzyńskiego**”

Time	Researcher's name and affiliation	Title of presented and discussed research project
09:00-09:20	Marek Sanak, Representative of the Rector of the Jagiellonian University for Research and Development at the Medical College Tomasz Brzostek, Dean of the Faculty of Health Sciences of the Jagiellonian University Medical College Tomasz Bochenek, Institute of Public Health, Jagiellonian University Medical College	Welcome and opening, organizational remarks
09:20-09:50	Jaime Espin, Andalusian School of Public Health, Granada, Spain	Comparing shortages in Spain versus Europe
09:50-10:20	Iskra Aleksandra Nola, School of Medicine, University of Zagreb, Croatia	1) Medicine shortage in disaster 2) Loss of solidarity and the medicine shortage
10:20-10:50	Kati Sarnola, Finnish Medicines Agency Fimea, Helsinki, Finland	Multiple planned projects + ongoing projects, currently involved e.g. in a project on the uptake of biosimilars in Finland
10:50-11:05	Joint discussion	

11:05-11:25	Coffee Break	
11:25-11:55	Eleni Rinaki, Chania General Hospital "Agios Georgios", Chania, Crete, Greece	Medicine shortages and essentiality / Patients survey for eCOST
11:55-12:25	Emilia Vann Yaroson, University of Bradford, Bradford, the United Kingdom	The role of technology in mitigating medicine shortages
12:25-13:00	Joint discussion	
13:00-15:45	Lunch ("Morskie Oko" restaurant; Plac Szczepański 8) & visit in the Museum of the Jagiellonian University – Collegium Maius (up to 22 persons due to museum's administrative limit; 15:00-15:40)	
15:45-16:15	Baiba Ziemele, Latvia University of Life Sciences and Technologies; Latvia Hemophilia Society; Latvian Alliance of Rare Diseases, Riga, Latvia	The role and involvement of patient organizations in patients' awareness building, education and management of medicines shortages
16:15-16:45	Arunas Burinskas, Faculty of Economics and Business Administration, Vilnius University, Lithuania	A review of drugs supply disruption risks and effects which lead to shortage
16:45-17:45	Joint discussion, wrap-up and closing of Day 1	

19:00 – get-together at "Mięta RestoBar"; Krupnicza 19a; Krakow

Day 2. – 26.04.2019

Venue: **ul. św. Anny 12**; Krakow; Jagiellonian University Medical College; room “**Zodiakalna**”

Time	Researcher's name and affiliation	Title of presentation
09:00-09:30	Joao Miranda, Portalegre Polytechnics Institute (ESTG/IPP), Portalegre, Portugal; Research Center CERENA/Higher Technical Institute IST, Lisbon, Portugal	Supply Chain (SC) Stakeholders - engagement of SC Stakeholders to evaluate and mitigate the impact of shortages both on “Supply” and “Demand”
09:30-10:00	Katarina Komenska, University of Presov, Presov, Slovakia	Qualitative research on ethical challenges of health care professional facing the scarce resources (in humanitarian, disaster contexts)
10:00-10:30	Natasa Duborija-Kovacevic, Dept. of Pharmacology and Clinical Pharmacology, Medical Faculty, University of Montenegro, Podgorica, Montenegro Bogdan Asanin, Dept. of Surgery, Dept. of Medical Ethics, Medical Faculty, University of Montenegro, Podgorica, Montenegro	Medicines shortages as the part of the complex global problem- dynamics, causes and possible solutions (DRUG-SHORT-MONT)
10:30-10:45	Joint discussion	
10:45-11:00	Coffee Break	
11:00-11:30	Vincent Hargaden, University College Dublin, Ireland	Agent Based Simulation Models for Medicines Supply Chains
11:30-12:00	Umberto Musazzi, University of Milan, Milan, Italy	New regulatory strategies to support Regulatory Agencies/stakeholders in preventing shortages in Europe
12:00-12:30	Joint discussion	
12:30-15:15	Lunch (“Boscaiola” restaurant; ul. Szewska 10) & visit in the Museum of Pharmacy of the Jagiellonian University (14:15-15:00)	
15:15-15:55	Weronika Kałwak, Institute of Psychology, Jagiellonian University	Methods of data gathering and analysis in qualitative research (presentation on research methodology)

15:55-16:25	Tomasz Bochenek, Berenika Kuna, Karolina Mikrut, Department of Drug Management, Institute of Public Health, Jagiellonian University Medical College	1) Analysis of possible associations between shortages and prices of medicines 2) Qualitative approach to shortages of medicines in Poland
16:25-17:45	Joint discussion, ways forward, wrap-up and closing of Day 2	

Participants of the Workshop, experts and commentators (in alphabetical order):

Scientist's name and affiliation	Area of expertise
Weronika Kałwak, Institute of Psychology, Jagiellonian University	qualitative research methods (Day 2)
Ewa Kocot, Department of Health Economics and Social Security, Institute of Public Health, Jagiellonian University Medical College	health economics, quantitative research methods
Paweł Kawalec, Department of Drug Management, Institute of Public Health, Jagiellonian University Medical College	pharmacoeconomics, Health Technology Assessment (Day 1)
Ozcan Ozturk, Department of Economics, Ataturk University, Ankara, Turkey	statistics, health economics
Agnieszka Skowron, Department of Social Pharmacy, Jagiellonian University Medical College	pharmacy, pharmacoeconomics
Katarzyna Zawisza, Chair of Epidemiology and Preventive Medicine Jagiellonian University Medical College	quantitative research methods

Observer: Stefanos Varntanian, UCL School of Pharmacy, University College London, the UK (MSc student course in Drug Discovery and Pharma Management; thesis on medicines' shortages)

Scientific coordination of the workshop: Tomasz Bochenek

Organizing team of the workshop: Katarzyna Gubernat, Joanna Buchwald, Tomasz Bochenek