



Autumn BIP ERASMUS Training School

Charles University, Czech Republic

Information for participants

Title:

„Advances in European Research in Rational Geriatric Pharmacotherapy, Geriatric Pharmacoepidemiology and Deprescribing”

Main organizers:

Rectorate of the Charles University, ERASMUS + office
Faculty of Pharmacy in Hradec Králové, Charles University
Research Committee of the ESCP-European Society of Clinical Pharmacy
European Consortium of the I-CARE4OLD H2020 project

Places of organization:

Monday- Day 1 (Oct 23rd): Ústav pro péči o matku a dítě Podolí (Institute for Mother and Child Care), Seminar room, Address: Podolské nábřeží 157/36, 147 10 Prague 4, Czech Republic

Google maps:

<https://www.google.com/maps/place/%C3%9Astav+pro+p%C3%A9%C4%8Di+o+matku+a+d%C3%ADt%C4%9B/@50.0622775,14.4194007,17z/data=!4m6!3m5!1s0x470b9467bfb3af33:0x64cfe3528361443c!8m2!3d50.0622155!4d14.4194549!16s%2Fg%2F122whg2b?entry=tts>

Tuesday- Day 2 (Oct 24th): 1st Faculty of Medicine, Charles University, Room no. “2.108”, Address: Na Bojišti 1771, Prague 2, 121 08 Prague, Czech Republic !!! **Please use the entrance from street Na Bojišti**

Google maps:

https://www.google.com/search?q=Na+Boji%C5%A1ti+1771%2C+Prague+2%2C+121+08+Prague%2C+Czech+Republic&oq=Na+Boji%C5%A1ti+1771%2C+Prague+2%2C+121+08+Prague%2C+Czech+Republic&gs_lcrp=EgZjaHJvbWUyBggAEEUYOdIBBzg3MWowajGoAgCwAgA&sourceid=chrome&ie=UTF-8

Wednesday- Day 3 (Oct 25th): Kampus Hybernská, Charles University, Seminar room "1B" Address: Hybernská 998/4, Prague 1, 110 00, Czech Republic
Google maps: <https://maps.app.goo.gl/p7DyKZUJ2ZVX75xD7>

Thursday- Day 4 (Oct 26th): Faculty of Pharmacy in Hradec Králové, Charles University, Address: Heyrovského 1203, 500 05 Hradec Králové, Czech Republic
Google maps: <https://maps.app.goo.gl/NfXxRMPw2mqebxya9>

Friday- Day 5 (Oct 27th): Rectorate of the Charles University, Seminar room "Malá aula" Prague, Address: Ovocný trh 560/5, 116 36 Staré Město, Prague, Czech Republic (Friday 27th October)
Google maps:
<https://www.google.com/maps/place/Univerzita+Karlova/@50.0864089,14.4238507,15z/data=!4m6!3m5!1s0x470b94bf8b0c2a57:0x4e95622f0174b205!8m2!3d50.0864089!4d14.4238507!16s%2Fg%2F1vg4hhyb?entry=ttu>

Contacts to organizers:

Chair of the Training School: Assoc. Prof. Daniela Fialová, PharmD, Ph.D., e-mail: daniela.fialova@faf.cuni.cz (Main Organizer and Guarantor of professional program)

Administrator of BIP ERASMUS+ Training School: Ing. Andrea Vokálová, e-mail: vokalovand@faf.cuni.cz (Project Manager, administrative and other issues regarding organization of BIP ERASMUS Training School)

Professional Content of the Training School (TS):

Prague Training school will enable participants to obtain advanced knowledge and skills in pharmacoepidemiological research methodologies, appropriate designing of various pharmacoepidemiological studies, interpretation of their findings, strengths and limitations of results. The course will enable participants to gain information on best modern approaches in geriatric pharmacoepidemiological research, including best practices on how to conduct geriatric deprescribing surveys and studies and how to analyse by artificial intelligence methods big e-health data. The event will be devoted also to networking activities, discussions with students, and joined collaboration on a draft of research publication. Prague ERASMUS+ Training School will be evaluated by 3 ECTS credits.

Financial issues:

Speakers' expenditures (accommodation, travels), social program, catering during the day are covered by BIP ERASMUS+ program (Chair of the event: Assoc. Prof. Daniela Fialová, PharmD, Ph.D., e-mail: daniela.fialova@faf.cuni.cz)

Travels, accommodation and other meal expenses of participants will be covered by ERASMUS+ programs of participants' Universities.

Invited speakers:

Prof. Martin Henman, PharmD, Ph.D., M.A., M.P.S.I.

Professor at the School of Pharmacy and Pharmaceutical Sciences, Trinity College, Dublin, Ireland, Chair of the Research Committee of the ESCP-European Society of Clinical Pharmacy

Prof. Annemie Somers, PharmD, PhD.

Professor at the Ghent University and Clinical Pharmacist at Ghent University Hospital, Ghent, Belgium

Dr. Emiel O. Hoogendijk, MD, Ph.D.

Assist. Professor at the Department of Epidemiology & Data Sciences and the Department of General Practice of Amsterdam University Medical Center, VU University Medical Center (VUmc) Amsterdam, the Netherlands.

Dr. Maria Beatrice Zazzara, MD

Researcher in geriatric pharmacoepidemiology, Catholic University of the Sacred Heart and Policlinico Universitario Agostino Gemelli, Roma, Italy

Dr. Mikko Nutinen

Senior data scientists, Nordic Healthcare Research Group, Finnish Institute for Health and Welfare, Helsinki, Finland

Professional program of the Training School

Monday Oct 23rd

Place: Ústav pro péči o matku a dítě Podolí (Institute for Mother and Child Care), Seminar room, Address: Podolské nábřeží 157/36, 147 10 Prague 4, Czech Republic

11:00-11:30

Assoc. Prof. Daniela Fialová, PharmD, Ph.D.

Welcome of participants for organizing institutions (ERASMUS + program, I-CARE4OLD project and SIG ESCP Deprescribing group)

Introduction to the TS program and duties

Session Ia:

11:30- 13:00

Prof. Annemie Somers, PharmD, Ph.D.

Prospective interventional pharmacoepidemiological studies in geriatric deprescribing (appropriate designs, available tools,

obstacles in obtaining and interpreting research findings - theory and experience from conducted EU projects)

13:00-14:00 Lunch break (Podolí canteen)

Session Ib:

14:00-15:30

Prof. Annemie Somers, PharmD, Ph.D.

Prospective interventional pharmacoepidemiological studies in geriatric deprescribing – practical training and assignments

a 30 mins' break follows after this session with a small refreshment

16:00-17:00

Assoc. Prof. Daniela Fialová, PharmD, Ph.D.

Joined works on publication (I.) - division of participants in working groups, TS collaborative assignments.

Free evening in the city

Tuesday Oct 24th

Place: 1st Faculty of Medicine, Charles University, Room no. "2.108", Address: Na Bojišti 1771, Prague 2, 121 08 Prague, Czech Republic, !!! Please use the entrance from street Na Bojišti

9.00-9.10 **Assoc. Prof. Daniela Fialová, PharmD, Ph.D.**

Introduction of the Day II TS

Session II:

9.10-12:30 (theory and practice)

Prof. Martin Henman, PharmD, Ph.D.

Welcome and current activities of Research Committee of the European Society of Clinical Pharmacy

How to appropriately conduct web-based research surveys and how to scientifically compare various clinical guidelines? - from theory to practice

a small break of 30 mins between theoretical and practical part

12:30-14:30 Lunch break in Pivovarský dům Benedict

Session III:

13:00-15:30 **Dr. Emiel O. Hoogendijk, MD, Ph.D.**

Various designs of pharmacoepidemiological studies
(appropriate selection of study design, strengths and limitations, conducting and analysing various studies)

a small break of 30 mins

16:00-17:30 **Dr. Emiel O. Hoogendijk, MD, Ph.D.**

Interpretations of results of various pharmacoepidemiological studies (practical training)

17:30-18:30 **Assoc. Prof. Daniela Fialová, PharmD, Ph.D.**

Continuing works on draft of joined research publication-assignments (II.)

19:30 Dinner in the city - Restaurant Spojka Karlín

Wednesday Oct 25th

Place: Kampus Hybernská, Charles University, Seminar room "1B" Address: Hybernská 998/4, Prague 1, 110 00

9.00-9.10 **Assoc. Prof. Daniela Fialová, PharmD, Ph.D.**

Introduction of the Day III TS

Session IV:

9:10-11:00 **Dr. Maria Beatrice Zazzara, MD.**

Traditional geriatric outcomes studies (various study designs-strengths and limitations, interpretation of results, role of missing data etc.)

a 30 mins' break follows after this session with a small refreshment

- 11:30-13:30 **Dr. Maria Beatrice Zazzara, MD.**
- Traditional geriatric outcomes studies- prospective and retrospective-** practicing of theoretical knowledge
- 13:30-14:30 Lunch break
- 14:30-16:30 **Assoc. Prof. Daniela Fialová, PharmD, Ph.D.**
- Joined works on research publication (III.)- presentation of working groups, discussions

Thursday Oct 26th

Place: Faculty of Pharmacy in Hradec Králové, Charles University, Address:
Heyrovského 1203, 500 05 Hradec Králové, Czech Republic

- 8.09-10:30 Travels to Faculty of Pharmacy in Hradec Králové, Charles University, Czech Republic
- 10:30-12:00 **Visit of the Botanical Garden, Faculty of Pharmacy, Charles University**
- 12:15- 13:00 **Lecture and discussion meeting with pregraduate students at the Faculty of Pharmacy, Charles University- new campus A101**
(welcome by the Dean of the Faculty of Pharmacy, Charles University, lecturers: Assoc. Prof. Daniela Fialová, Dr. Maria Beatrice Zazzara, discussions)
- 13:15-14:15 Lunch break
- 14:30-18:30 Travels to **old pharmaceutical museum in Kuks' castle** and back to Prague

Friday Oct 27th

Place: Rectorate of the Charles University, Seminar room "Malá aula" Prague,
Address: Ovocný trh 560/5, 116 36 Staré Město, Prague

- 9.00-9.10 **Assoc. Prof. Daniela Fialová, PharmD, Ph.D.**

Introduction of the Day V TS

Session V:

9:10-11:00

Dr. Mikko Nutinen, Ph.D.

How to conduct artificial intelligence outcome geriatric studies?- theory in step by step

a 30 mins' break follows after this session with a small refreshment

11:30-13:00

Dr. Mikko Nutinen, Ph.D.

How to intepret results of artificial intelligence outcome studies?- practicing of results' interpretations

13:00-14:00

Lunch break

14:00-15:30

Assoc. Prof. Daniela Fialová, PharmD, Ph.D.

Joined works on research publication (IV.)- presentation of group works, discussions, homeworks

16:00 and later

Departures

Organizing and collaborating subjects



ERASMUS+ office, Rectorate of the Charles University and Faculty of Pharmacy, Prague, Czech Republic



CHARLES UNIVERSITY
Faculty of Pharmacy
in Hradec Králové

University Centre in Clinical Pharmacy, Faculty of Pharmacy in Hradec Králové, Czech Republic



European Society of Clinical Pharmacy

Research Committee of the ESCP-European Society of Clinical Pharmacy and Special Interest Group on Deprescribing of the ESCP-European Society of Clinical Pharmacy



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European Consortium of the I-CARE4OLD Horizon 2020 project



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

Trinity College, Dublin, Ireland



Ghent University and Ghent University Hospital, Ghent, Belgium



Amsterdam University Medical Center, VU University Medical Center (VUmc)
Amsterdam, the Netherlands



Catholic University of the Sacred Heart and Policlinico Universitario Agostino Gemelli,
Roma, Italy



Nordic Healthcare Group and Finnish Institute for Health and Welfare, Helsinki, Finland

Participating Universities- Prague ERASMUS+ BIP program



University of
Belgrade



University of Belgrade, Faculty of Pharmacy, Belgrade, Serbia



University of Zagreb, Faculty of Pharmacy and Biochemistry, Center of Applied Pharmacy, Zagreb, Croatia



LITHUANIAN UNIVERSITY
OF HEALTH SCIENCES

Lithuanian University of Health Sciences, Kaunas, Lithuania



MARMARA
UNIVERSITY

Marmara University, Faculty of Pharmacy, Department of Clinical Pharmacy, Marmara, Turkey



Goethe University in Frankfurt, Faculty of Medicine, Frankfurt, Germany



FARMACEUTICKÁ FAKULTA
Univerzita Komenského
v Bratislave

Comenius University, Faculty of Pharmacy, Bratislava, Slovakia

and



CHARLES UNIVERSITY
Faculty of Pharmacy
in Hradec Králové

Charles University, Faculty of Pharmacy in Hradec Králové, Czech Republic