

## **EAHP Academy Seminar 2018**

An ACPE application based activity  
ACPE Activity Announcements checklist <sup>[1]</sup>

**ACPE Universal Activity Number (UAN): 0475-0000-18-033-L05-P/CEUs: 1.31** <sup>[2]</sup>

### **"Seminar 2: Therapeutic Drug Monitoring as a Tool for Therapy Optimisation"**

**FRIDAY, 19 OCTOBER 2018, SALON B**

- |                          |  |
|--------------------------|--|
| <b>08.30 -<br/>08.40</b> | <b>Invitational speech by the President of the National Association of Hospital Pharmacists from Poland</b><br><i>Ewa Steckiewicz-Barnicka</i>                                 |
| <b>08.40 -<br/>08.50</b> | <b>Welcome – needs and objectives of the Academy Seminar</b><br><i><u>Prof Dr Branislava Miljković</u> <sup>[3]</sup>, Faculty of Pharmacy, University of Belgrade, Serbia</i> |
| <b>08.50 - 09.00</b>     | <b>Assessment of Learning success - SurveyMonkey®</b><br><i>Delegates</i>  |

### **Concept of therapeutic drug monitoring (TDM)**

Prof Dr Branislava Miljkovi? [3], Faculty of Pharmacy, University of Belgrade, Serbia

**09.00 -  
09.45**

- basic clinical pharmacokinetics
- indications
- which medicines
- sampling times
- interpretation

### **Practical consideration to TDM**

Prof Dr Azucena Aldaz Pastor [4], Clínica Universidad de Navarra, Spain

**09.45 - 10.30**

- request form
- laboratory measurement
- pharmacogenetics-oriented TDM
- overview of commonly monitored drugs

**10.30 - 11.00 Coffee break (Foyer)**

### **Population pharmacokinetic analysis of TDM in optimising therapy**

Prof Dr Kees Neef [5], EAHP Director of Education, Science & Research, Maastricht University Medical Center+, The Netherlands

**11.00 - 11.45**

- estimation methods
- Bayesian estimation
- population models
- inter and intra individual variability

### **TDM and dose optimisation of antibiotics and antifungals**

Prof Dr Daniel J. Touw [6]\*, University Medical Center Groningen, The Netherlands

**11.45 - 12.30**

- practical considerations for TDM of antibiotics and antifungals

**12.30 - 14.00 Lunch break (Restaurant Olive)**

### **TDM and dose optimisation of antiepileptic and antipsychotic drugs**

Prof Dr Christoph Hiemke [7], University Medical Center Mainz, Germany

**14.00 - 14.45**

- practical considerations for TDM of antiepileptic and antipsychotic drugs

### Workshop

#### **Clinical cases on dose adjustments based on TDM of antibiotics and antifungals**

**14.45 - 16.15** Prof Dr Daniel J. Touw <sup>[6]</sup>\*, *University Medical Center Groningen, The Netherlands*

- examples of TDM of antibiotics and the need for dose adjustments
- examples of TDM of antifungals and the need for dose adjustments

**16.15 - 16.45** Coffee break (Foyer)

### Workshop

#### **Clinical cases on dose adjustments based on TDM of antiepileptic and antipsychotic drugs**

**16.45 - 18.15** Prof Dr Christoph Hiemke <sup>[7]</sup>, *University Medical Center Mainz, Germany*

- examples of TDM of antiepileptic drugs and the need for dose adjustments
- examples of TDM of antipsychotic and the need for dose adjustments

**19.30 - 22.30** Dinner at the hotel (Restaurant Olive)

## **SATURDAY, 20 OCTOBER 2018, SALON B**

**08.30 - 09.15** **An overview of therapeutic drug monitoring software**  
Nieko Punt <sup>[8]</sup>\*, *Medimatics, Maastricht, The Netherlands*

**TDM and dose optimisation of immunosuppressive and oncolytic agents**  
Dr Erik van Maarseveen <sup>[9]</sup>, *University Medical Center Utrecht, The Netherlands*

**09.15 - 10.00**

- practical considerations for TDM of immunosuppressive and oncolytic agents

**10.00 - 10.30** Coffee break (Foyer)

### Workshop

#### **Clinical cases on dose adjustments based on TDM of immunosuppressives and oncolytic agents**

**10.30 - 12.00** Dr Erik van Maarseveen [9], University Medical Center Utrecht, The Netherlands

- examples of TDM of immunosuppressants and the need for dose adjustments
- examples of TDM of oncolytic agents and the need for dose adjustments

### Workshop

#### **Interpretation of measured concentration based on comedications and patient's characteristics (part 1)**

**12.00 - 12.45** Prof Dr Azucena Aldaz Pastor [4], Clínica Universidad de Navarra, Spain  
Prof Patricio Más, Head of the Pharmacokinetic Unit of the University Hospital of Alicante, Spain

- examples of drug concentration interpretation based on patient's characteristics and comedication

**12.45 - 14.15** Lunch break (Restaurant Olive)

### Workshop

#### **Interpretation of measured concentration based on comedications and patients characteristics (part 2)**

**14.15 - 15.00** Prof Dr Azucena Aldaz Pastor [4], Clínica Universidad de Navarra, Spain  
Prof Patricio Más, Head of the Pharmacokinetic Unit of the University Hospital of Alicante, Spain

- examples of drug concentration interpretation based on patient's characteristics and comedication

### Workshop

#### **"Business case" on implementation of TDM in hospital**

**15.00 - 16.00** Antonio Gouveia [10], Instituto Portugues de Oncologia de Lisboa, Portugal

- how to plan, develop and provide TDM service

**16.00 - 16.30** Coffee break (Foyer)

**16.30 - 16.45**      **Assessment of Learning success - SurveyMonkey®**  
*Delegates*

**16.45 - 17.00**      **Summary and closing remarks**  
*Prof Dr Kees Neef <sup>[5]</sup>, EAHP Director of Education, Science & Research, Maastricht University Medical Center+, The Netherlands*

**17.00 - 17.10**      **Closing speech by the President of the European Association of Hospital Pharmacists**  
*Petr Horák, President of the EAHP, Czech Republic*

**19.30 - 22.30**      **Dinner at the hotel (Restaurant Olive)**

## **SUNDAY, 21 OCTOBER 2018**

**08.15**      Meet in the hotel lobby

**08.30 - 12.00**      **City Tour. Departure by bus from the hotel.**

**12.00**      Return to the hotel

**Important note:** EAHP confirms that the Speakers and the Scientific Committee members responsible for the development of the Academy Seminar programme have signed and submitted the Conflict of Interest Disclosure forms.

\* Indicates speaker or SC member has stated a conflict of interest.

EAHP will cover the expenses of the seminar registration, hotel accommodations for three nights (18 - 19 - 20 October), as well as, official meals. Travel expenses have to be covered by the participant or your organisation.

**This programme may be subject to changes during the upcoming months.**



The European Association of Hospital Pharmacists (EAHP) is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

Last update: 23 August 2018

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### Links

[1] [https://www.eahp.eu/sites/default/files/screen\\_shot\\_2015-09-28\\_at\\_14.21.15\\_1.png](https://www.eahp.eu/sites/default/files/screen_shot_2015-09-28_at_14.21.15_1.png) [2] [https://www.eahp.eu/sites/default/files/acpe\\_-\\_seminar\\_2.pdf](https://www.eahp.eu/sites/default/files/acpe_-_seminar_2.pdf) [3] <http://www.eahp.eu/content/prof-branislava-miljkovi%C4%87> [4] <http://www.eahp.eu/content/prof-dr-azucena-aldaz-pastor> [5] <http://www.eahp.eu/content/kees-neef> [6] <http://www.eahp.eu/content/prof-dr-daniel-j-touw> [7] <http://www.eahp.eu/content/prof-dr-christoph-hiemke> [8] <http://www.eahp.eu/content/nieko-punt> [9] <http://www.eahp.eu/content/dr-erik-van-maarseveen> [10] <http://www.eahp.eu/content/antonio-gouveia>