



# 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**

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

## **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 [6]\*, 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 [7], 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 [8]\*, Medimatics, Maastricht, The Netherlands*

**TDM and dose optimisation of immunosuppressive and oncolytic agents**  
*Dr Erik van Maarseveen [9], 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 patient's 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 - **Assessment of Learning success - SurveyMonkey®**  
16.45 *Delegates*

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

**Closing speech by the President of the European Association of Hospital Pharmacists**  
17.00 - 17.10 *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>