

Course Overview
Summer Course Pharmacoepidemiology and Drug Safety
8 July– 12 July 2019

Location: Faculty Club Helios, Achter de Dom 7, Utrecht.

Monday 8 July

- 9.00-12.30** **Welcome and introduction**
(Prof. Olaf Klungel and Prof. Bert Leufkens)
- 12.30-13.30** **Lunch**
- 13.30-17.00** **Cohort and case control study designs**
(Prof. Olaf Klungel)
- 17.00** **Reception**

Tuesday 9 July

- 9.00-12.30** **Confounding and other biases – introduction/new approaches**
(Prof. Samy Suissa)
- 12.30-13.30** **Lunch**
- 13.30-15.30** **Critical appraisal of publications**
(Group Work)
- 15.30-17.00** **Critical appraisal of publications**
(Group presentations, moderator Prof. Samy Suissa)
- 17.30** **Reception**
- 18.30** **Course dinner**

Wednesday 10 July

- 9.00-10.45** **Overview and application of pharmacoepidemiologic databases I**
(Prof. Samy Suissa)
- 11.00-12.30** **Overview and application of pharmacoepidemiologic databases II**
(Prof. Olaf Klungel)
- 12.30-13.30** **Lunch**
- 13.30-15.00** **The future of electronic health record database research**
(Prof. Tjeerd van Staa)
- 15.00-16.00** **Continuous evaluation of benefit-harm**
(Prof. Tjeerd van Staa)
- 16.00-17.00** **Case studies**
(Group work)

Thursday 11 July

- 9.00-10.30** **Confounding and other biases – Propensity scores/instrumental variables** (*Prof. Olaf Klungel/Dr. Romin Pajouheshnia*)
- 11.00-12.30** **Advanced methods of exposure ascertainment in electronic healthcare databases** (*Dr. Helga Gardarsdottir*)
- 12.30-13.30** **Lunch**
- 13.30-15:00** **The value of individual patient observations in drug safety research**
(*Dr. Rob Heerdink*)
- 15:00-17.00** **Case studies**
(*Group work*)

Friday 12 July

- 9.00-10.30** **Drug Safety Cases and Public Health I**
(*Prof. Bert Leufkens, Prof. Olaf Klungel*)
- 11.00-12.30** **Drug safety cases and public health II**
(*Prof. Bert Leufkens, Prof. Olaf Klungel*)
- 12.30-13.30** **Lunch**
- 13.30-14.30** **Recent drug safety case: t.b.d.**
(*Prof. Ton de Boer*)
- 14.30-15.00** **Closing remarks & Certificates**
(*Prof. Olaf Klungel*)