# Ph.D.-course: Introduction to forensic toxicology

Section of Forensic Chemistry, Dept. of Forensic Medicine, Frederik V Vej 11, 6. floor, DK-2100 Copenhagen Ø

Time: 17-19 March, 2015

Course leader: Kristian Linnet

**Day 1**

9.30-10: Coffee

10.00-10.45: Introduction to the forensic toxicology area (KL)

11.00-11.45: Screening techniques (PD)

12.00-12.45: Pharmacology in relation to forensic toxicology (KL)

12.45–13.45: Lunch

13.45-14.30: Clinical toxicology I (KD)

14.45-15.30: Clinical toxicology II (KD)

15.45-16.30: Exercises: pharmacology

**Day 2**

9.00- 9.45: Quantitation techniques based on LC-MS/MS (MKN)

10.00-10.45: Guided tour in the laboratory (BSR m. fl.)

11.00-11.45: Detection of compounds in special matrices as hair, saliva etc. (SSJ)

11.45-12.45: Lunch

12.45-13.30: Illegal drugs – analysis and occurrence (LAR)

13.45-14.30: Method validation (KMDH)

14.45-16.15: Exercises: method validation (KMDH)

**Day 3**

9.00-9.45: Alcohol in a forensic context (BSR)

10.00-10.45: Intoxication patterns (SSJ)

11.00-12.30: Exercises: cases

12.30-13.30: Lunch

13.30-14.15: Drugged driving (KL)

14.30-15.15: Overview on designer-drugs (NBH)

15.30-16.15: Multiple choice and evaluation

**Teachers**

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