Individual drug dosage in patient care and during clinical drug development: application of pharmacokinetic/-dynamic concepts

Course number: 2625, apply no later than May 15, 2012

Language: English

Date: 2 weeks of PhD course with physical attendance 2012-11-05—2012-11-16 at Karolinska Institutet (Karolinska University Hospital Huddinge) and with total one week for preparatory work and home-examination.

Aims: After the course the student will 
-understand the needs and reasons for individual drug dosage in patient care and during drug development.
-be critically trained to read, present and discuss scientific papers on variability in drug response.
-apply pharmacokinetic/-dynamic concepts using rich data from individual patients/volunteers—describe the principles for population pharmacokinetic modelling using sparse data sampling strategies.
-calculate and understand pharmacokinetic/-dynamic parameters.
-be trained to present and discuss own and others research projects.


Student eligibility: PhD students at Karolinska Institutet, Swedish and other collaborating universities. Priority for those in most relevant areas with basic knowledge in the subject.

Information: Apply no later than May 15, 2012 at http://kiwas.ki.se/katalog/katalog/kurs/1309

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