



Laboratory Animal Science Course

Design of scientific procedures and projects involving animals (Function B; Directive 2010/63/EU)

Learning Lab | Von Eulers väg 4A, 2nd floor | Comparative Medicine, Karolinska Institutet

March 13-22, 2018

DAY 1	Tuesday 13.3.2018	DAY 2	Wednesday 14.3.2018
9.00-12.30 13.30-15.30 15.30-17.00	<u>Roll call & introduction.</u> RF <u>EU legislation & guidelines.</u> RF <u>Good practice – Minor procedures.</u> RF <u>Systematic reviews & meta-analysis.</u> E-learning	9.00-12.00 13.00-14.00 14.30-16.00 16.15-17.00	<u>Welfare assessment, severity classification & humane endpoints.</u> CH <u>Replacement – strategies & examples.</u> CH <u>Good practice – Euthanasia.</u> RF <u>Good practice – Necropsy.</u> BR
DAY 3	Thursday 15.3.2018	DAY 4	Friday 16.3.2018
9.00-12.00 13.00-15.00 15.00-17.00	<u>Systematic reviews of animal studies.</u> MRH <u>Not only for humans: systematic reviews in animal research.</u> NB, CG, KB <u>Group work/individual work.</u>	9.00-12.30 13.30-15.00 15.00-17.00	<u>Experimental design & statistics.</u> MF <u>Project license application.</u> BE <u>Group work/individual work.</u>
DAY 5	Monday 19.3.2018	DAY 6	Tuesday 20.3.2018
9.00-12.00 13.00-13.30 14.00-15.00 15.00-16.00 16.00-17.00	<u>Swedish legislation.</u> VH <u>Animal Welfare Body and 3Rs.</u> VH <u>Legal issues – OHS.</u> MBC <u>Achieving reproducible mouse studies.</u> BS <u>Guidelines for sizing mouse colonies.</u> BS <u>Group work/individual work.</u>	9.00-10.00 10.00-11.00 11.00-12.00 13.00-13.30 14.00-16.00 16.00-17.00	<u>Comparative Medicine & Ethics.</u> BU <u>Behavioral testing & exp. design.</u> BU <u>Public communication of science.</u> KS <u>Legal issues – GMO.</u> ST <u>PREPARE and ARRIVE: planning and reporting animal experiments.</u> AS <u>Group work/individual work.</u>
DAY 7	Wednesday 21.3.2018	DAY 8	Thursday 22.3.2018
9.00-12.00 13.00-16.00 16.00-17.00	<u>Project evaluation.</u> <u>Oral presentations and feedback by participants</u> <u>Study.</u> <u>Anaesthesia, analgesia & surgery.</u> RF <i>Optional</i> <u>Group work/individual work.</u>	9.00-13.00 15.00-16.00 16.00-17.00	<u>Project evaluation.</u> RF, BR, VH <u>Oral presentations and feedback by mock ethics committee</u> <u>Final written examination.</u> <u>Course evaluation.</u>