



COURSE IN LABORATORY ANIMAL SCIENCE

CERTIFICATE NUMBER 07IBMC, 2015

This is to certificate that Anna Rybakova
has successfully completed the course in Laboratory Animal Science, organized by the
Institute for Molecular and Cell Biology and held 04 - 15 May 2015. The course
is accredited by FELASA (n)020/08) and the curriculum followed the FELASA
recommendations on the education and training of persons with laboratory animals
Category C, [Functions (a), (b) and (d) according to the directive 2010/63/EN], having
the following contents (80 hours in total):

THEORY

- . Introduction to laboratory animal science
- . Refinement of procedures
- . Human endpoints euthanasia
- . Microbiology / gnotobiology
- . Animal housing and husbandry
- . Statistics and methodology
- . Behaviour, stress, well-being
- . Occupational health and safety
- . Biology of laboratory animals
- . Ethics
- . Alternatives to animal procedures
- . Nutrition
- . Genetics
- . Genetically modified animals
- . The animal facility
- . Legislation
- . Diseases of laboratory animals
- . Administration techniques and pharmacology
- . Telemetry
- . Anaesthesia
- . Analgesia, perioperative care
- . Surgery / microsurgery
- . Pathology and necropsy
- . Anatomy and imaging techniques
- . Large animal biology

DEMONSTRATIONS AND PRACTICALS

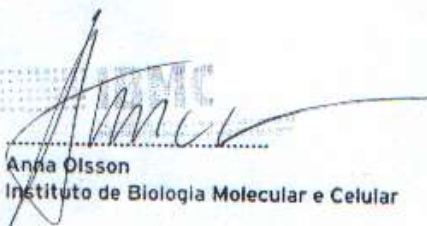
- . Animal handling
- . Minor procedures in animals
- . Anatomy and necropsy
- . Visit to an animal facility

GROUP EXERCISE

- . Analysis of literature
- . Preparation of a complete protocol to be presented for an ethics / animal care and use committee

EXAMINATION

- . Individual written exam
- . Presentation of the group exercise protocol


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