

Practicum Program in Ghent University (Merelbeke - Belgium)

The stay for two months will be divided by three terms as follows:

Term 1 (weeks 1-3):

Collection of bovine oocytes, spermatozoa and embryos. Culture and manipulation of bovine embryos.

Term 2 (weeks 4-6):

In vitro production of porcine embryos. Collection of cumulus-oocyte-complexes, *in vitro* maturation, *in vitro* fertilization, *in vitro* culture.

Term 3 (weeks 7-9):

Collection of equine oocytes, spermatozoa and embryos. Demonstration of ICSI and piezo technique.

Isolation, preparation and cultivation of equine stem cells from umbilical cord blood

By using spare time, students may have opportunities to visit the section of clinic of animal reproduction.