

Study Design-Mario Binelli

GCTOF (50)

lipidomics (120)

Bos taurus indicus (cow) uterus, blood and ovaries

Sample Prep:

Uterine flushing: uterus were flushed post-mortem with isotonic saline solution and kept at -80°C . There was no inactivation or attenuation because samples are not biohazard.

Plasma: plasma were obtained by centrifugation of the blood collected from cows and kept at -80°C . There was no inactivation or attenuation because samples are not biohazard.

Follicular Fluid: Follicular Fluid were obtained by post-mortem aspiration of the ovarian dominant follicle and kept at -80°C . There was no inactivation or attenuation because samples are not biohazard.

Treatments: 0

There was no specific treatment. A hormonal protocol was applied to control follicle growth to yield larger or smaller preovulatory follicle and CLs and consequently different circulating Progesterone (P4) concentrations during early diestrus. The two different animal's group are: high or low progesterone levels.

Interest: We are looking for prime metabolism and lipidomics data. For some samples we are more interested in endocannabinoids. We made a list with all samples and with which platform they should be analyzed.