



Connectome

Students Association for
Neurosurgery, Neurology and
Neuroscience

Connectome's Research Hub – Projects

Title: Vitamin A in the kidney development

Key Points

Subject area: Histology and Embryology

Project type: Histology

Timespan: begins after images download; duration 6 months

Location: Off-site

University: Faculty of Medicine of the University of Coimbra,

Supervisor: Olga Carvalho

(Specials, Applicant Requirements): histology and kidney development knowledge needed

Summary of the project:

We study the effect of vitamin A maternal supplementation in the development of embryo organs.

The animal model consists of a maternal vitamin injection on embryonic development day E14 and the histology description and evaluation of possible vitamin effects in the development of kidneys from embryonic days E16 to E19.

In the project students can participate by analysing histological images.

There will be an introduction into the analysis as well as mentoring throughout the programme.

Contact:

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