

## Gesucht wird eine/r

**Master's thesis at the Chair of Pharmaceutical Biology on plant extracellular vesicles (EV) (start Feb. 2025 - WS24/25 – SoSe25)**

schnellstmöglich     zum ab

## Beschreibung:

**We are looking for motivated students who would like to develop an innovative project in the field extracellular vesicles derived from plant cells as Master's students.**

**The Master's project will consist of the following topics:**

- literature research on plant extracellular vesicles (EV)
- isolation and characterization of plant (EV) from in vitro cultivated pharmaceutical relevant plants
- analysis of EV by nanoparticle tracking analysis, western blot and liquid chromatography coupled mass spectrometry etc.
- evaluation of bioactivity (human cancer cells and/ or bacteria) including cell viability assays, FACS and confocal analysis.
- regular presentation of research progress in our group seminar

## Requirements

**We are looking for a talented candidate with an above average BSc. degree in Biology, Molecular Sciences, or similar subject.**

**Previous experience with plant cell culture and/ or human cell culture is highly desirable.**

**Fluent written and oral communication in English is essential, additional knowledge of German is an advantage. Good knowledge of MS Office (Power Point, Excel, Word) is desirable. Independent working style, a proactive attitude towards new methods and scientific curiosity are essential requirements for this position.**

**For additional information about this project, please contact Jennifer Munkert (jennifer.munkert@fau.de).**

**Ansprechpartner:**

**Please send your application documents with a letter of motivation, curriculum vitae and copies of university certificates to Dr. Jennifer Munkert ([jennifer.munkert@fau.de](mailto:jennifer.munkert@fau.de)).**

**Diese Anzeige steht online zur Verfügung bis:**

30.04.2025