

## Master student

*We are looking for a motivated master student to join Jachowicz lab at IMBA, Vienna Biocentre <https://www.oeaw.ac.at/imba/research/joanna-jachowicz>. Candidate will work on the project tackling functions of non-coding RNAs in regulating gene expression and genome organization. The main aim of the project is to build a synthetic reporter system allowing high throughput validation of RNA function in mouse embryonic stem cells. It combines knowledge of cell biology and gene regulation with synthetic biology approaches and molecular biology techniques.*



### Requirements:

- Bachelor's degree or near to completion in biology, biotechnology, or related fields
- Availability to work with us for at least 6 months (priority will be given to students who can commit to 9 months and longer)
- Previous knowledge (practical or theoretical) of basic molecular biology including cloning techniques, PCR, electrophoresis is essential
- Previous experience working with mammalian cell culture will be a plus
- Motivation by scientific questions related to molecular mechanisms regulating genome functions, RNA biology, early mammalian development
- Excellent communication skills, ability to organize and plan one's schedule, and readiness to work as a part of the team are all essential requirements.

### What we offer:

- Training in molecular biology techniques, mammalian stem cell tissue culture, cell sorting, engineering genetically modified cell lines etc.
- Help with development of independence in research planning and addressing scientific questions
- Stimulating scientific environment of the VBC campus
- Contract equivalent to 20 work hours

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