PhD student

Recent evidence suggests that acute phase protein, alpha1-antitrypsin (AAT) is involved in the metastatic outgrowth of various cancer types, such as ovarian, cervical, colorectal, breast, and lung adenocarcinomas and can be used as a prognostic factor. The goal of the current study is a characterization of molecular mechanisms and effects of AAT during tumor cell growth, proliferation and invasiveness in primary cancer cell cultures and cell lines by using RNAseq, qPCR, Western blots, flow cytometry, immunohistochemistry and protein chemistry methods.

Your tasks

- Design, performance and analysis of experiments
- Preparation of presentations and PhD Thesis
- Writing publications

Your requirements

We are looking for an enthusiastic, highly motivated PhD student with a strong interest in the field of Cancer. Successful candidates are expected to have a Master of Science or equivalent degree in life sciences and possess excellent English skills. Practical experience with primary cell cultures is of importance. Experience with different mouse models will be advantageous but is not a prerequisite. Applicants with skills in cell and molecular biology and expertise in the analysis of RNAseq data are encouraged to apply.

We offer

- An international and friendly team
- A structured PhD program
- A stipend contract

For further information please contact Dr. Sabine Wrenger:
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Please send your application to:

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