

Ph.D. studentships (Lab of Cancer Biology, Tartu University, Estonia)

PhD student position is available in the **Laboratory of Cancer Biology of the Faculty of Medicine of the University of Tartu** headed by Tambet Teesalu, Ph.D. (www.cancerbiology.ee). The laboratory is established in the biomedical campus of the University of Tartu with support of an EMBO Installation Grant, Wellcome Trust Senior Research Fellowship and a European Research Council Starting Grant.

The mission of the Laboratory of Cancer Biology is to develop smart cancer therapeutics with increased potency and decreased side effects. We use phage display screens to identify homing peptides that bind to specific targets in the vasculature. Corresponding synthetic peptides are explored for targeting drugs and biologicals into tumors to increase their therapeutic index.

We look for highly motivated team players that want to be a part of an interdisciplinary, dynamic and translationally-oriented research lab.

Candidates should hold a M.Sc. in biology, medicine, chemistry, or related fields (bioengineering, bio-nanotechnology). In addition to ability of creative thinking you must be an avid learner and passionate about developing in-depth understanding of cancer biology and new targeted cancer therapies.

Several research projects are available. Examples are development of novel nanocarriers for systemic targeting with homing peptides, targeting immune cells in tumors, targeting blood brain barrier, development of proteolytically activated tumor penetrating peptides.

Successful candidates will receive a monthly PhD studies fellowship of ~1000 EUR (allowing a comfortable living in Estonia) and are expected to graduate in 4 years.

Tartu is a youthful and charming university town that hosts one of the oldest Universities in Europe (founded in 1632, www.ut.ee). A 2010 survey by the Erasmus Student Network rated Estonia first among 25 countries for participants' overall level of satisfaction with their stay abroad.

Please send a cover letter briefly summarizing research interests and career goals and CV to Tambet Teesalu (Tambet.Teesalu@ut.ee).

Interviews and candidate selection process will take place until June 1st, 2017.

Publications: <https://www.ncbi.nlm.nih.gov/pubmed/?term=Teesalu+T>