



TBD-Biodiscovery is an innovative contract research company located in Tartu, Estonia.

As a spin-off company from the University of Tartu, we are a part of the government-financed science development center ReproTAK, which focuses on the development of reproductive medicine.

TBD-Biodiscovery employs 15 people, 8 of whom have PhD's in different fields of chemistry. Total laboratory area – 203m²



TBD-Biodiscovery is currently developing a new production technology for the API (Active Pharmaceutical Ingredient) **Amrubicin**

Applied for funding (Enterprise Estonia) in January 2009. Received funding in June 2009.

Total duration of given project: 2,5 years.

Currently the technology is applicable in small scales. The next step is to optimize the technology and move on to a larger production scale.

Innovative aspect of our technology:

- Initial patented route included 16 steps, using toxic reagents (CN etc.) Our route has only 8 steps, is more effective a lot less toxic and with a smaller amount of waste.

We are looking for partners in the pharma industry for process development and production of API's in the small (<10kg) scale.



Experiences made

- Custom synthesis of metabolites and natural compounds (Biovitrum, Synthelor)
- Process development (KemFine)
- Synthesis of cytotoxics and process development (Galilaeus)



www.biodiscovery.eu

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