

Evalveerimine 2010 Application EV3 University of Tartu, Biosciences and Environment

Expert's opinion: The volume and level of R&D activities in comparison to international criteria.

Subcriteria for evaluation	Evaluation	Comments
The research and development in the field being evaluated is characterized by a sufficient volume of financing taking into account the particularities of the field of research and the profile of the institution.	Positive	The grant income is good.
Research and development at the institution is characterized by contemporary and innovative range of topics for research.	Positive	There is good inter-disciplinary cooperation which is timely and expected to create new innovative projects.
The institution has international cooperation projects in the field being evaluated and/or participates in various international cooperation networks.	Positive	In this field there are some outstanding scientists with high international reputations and high citation levels. There is generally active international collaboration.
Experts' summary assessment	Positive	Both financing and interdisciplinary cooperation are good with some high level international scientists.

Expert's opinion: R&D infrastructure (working premises and auxiliary facilities).

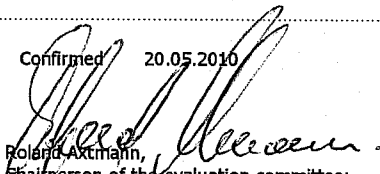
Subcriteria for evaluation	Evaluation	Comments
The institution's research groups in the field being evaluated have at their disposal the necessary working and auxiliary facilities (premises).	Positive	The investment in laboratories has been good during recent years and meets a high international standard.
The working facilities (premises) at the disposal of the institution's research groups in the field being evaluated are modern and fit for purpose.	Positive	The facilities are modern and fit.
The institution's research groups in the field being evaluated have at their disposal, in the case of experimental themes, the necessary equipment and instruments.	Positive	Necessary equipment and instruments are good.
The equipment and instruments at the disposal of the institution's research groups in the field being evaluated are, in the case of the experimental themes, modern and fit for purpose.	Positive	The functioning of the infrastructure is good.
The institution's research groups in the field being evaluated have access to databases, specialized literature and other research infrastructures.	Positive	Literature facilities are excellent.
Experts' summary assessment	Positive	Facilities and infrastructure are very satisfactory.

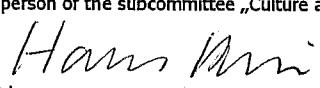
Expert's opinion: Qualification of researchers in comparison to international criteria.

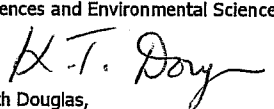
Subcriteria for evaluation	Evaluation	Comments
A sufficient number of research staff are employed at the institution taking into account the volume and particularities of the R&D activities of the institution and the field being evaluated.	Positive	The level of staffing is appropriate to maintain the breadth of activity.
A sufficient number of the research staff have a recognized academic degree corresponding to Estonian legislative acts.	Positive	Just over half of the staff have PhD qualifications, which is above average for Estonian universities; and a significant proportion of the remainder have Masters degrees.


Doctoral dissertations have been successfully supervised in the last five years.	Negative	Given the size of doctoral cohort, the number of successful defences is surprisingly low, possibly because of a recent growth in numbers. However, there may be a low completion rate or long delays in completion.
Research staff in the field being evaluated have received sufficient national or international honours and/or awards.	Positive	There are many esteem indicators, including international awards of various kinds.
Research staff have published per researcher in the last 5 years a sufficient number of articles in international journals or peer-reviewed research monographs taking into account the particularities of the field of research being evaluated.	Positive	Although the total productivity per capita is not exceptional, there is a good level of output in international journals, indeed, the performance is better than average in Estonia.
Research staff have filed applications for patents or for plant variety rights certificates in the name of the institution in the last 5 years.	Positive	There seems to be a strong performance, with quite a high rate of application for patents (in total and per capita), and a good record of conversion into patents filed (although this is slightly influenced by the necessary inclusion of some pre-2005 cases).
Experts' summary assessment	Positive	Productivity across the board is good, except perhaps in terms of PhD defences. There is evidence of work of a high international standard.
Subcriteria for evaluation	Evaluation	Comments
Final assessment	Positive	There are very good facilities and infrastructure based on a considerable level of recent investment. There is a high scientific output, especially in international journals. There is, however, some work to be done in ensuring that PhD candidates are encouraged to complete in a reasonable time period.

Confirmed 20.05.2010


 Roland Axtmann,
 Chairperson of the evaluation committee;
 spokesperson of the subcommittee „Culture and Society“


 Hans Brix,
 Spokesperson of the subcommittee
 „Biosciences and Environmental Sciences“


 Kenneth Douglas,
 spokesperson of the subcommittee „Health“


 Eric Gregoire,
 spokesperson of the Subcommittee
 „Natural Sciences and Engineering“