

Evalveerimine 2010 Application EV25 National Institute of Chemical Physics and Biophysics, Natural Sciences and Engineering

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	
Research and development at the institution is characterized by contemporary and innovative range of topics for research.	Positive	
The institution has international cooperation projects in the field being evaluated and/or participates in various international cooperation networks.	Positive	This institution is very-well integrated in international networks.
Experts' summary assessment	Positive	The experts strongly believe that the excellent research at this institution would be enhanced further and more sustainably if teaching and research were more integrated.

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 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 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	
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 institution's research groups in the field being evaluated have access to databases, specialized literature and other research infrastructures.	Positive	
Experts' summary assessment	Positive	

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	
A sufficient number of the research staff have a recognized academic degree corresponding to Estonian legislative acts.	Positive	

Doctoral dissertations have been successfully supervised in the last five years. Positive

Research staff in the field being evaluated have received sufficient national or international honours and/or awards. Positive

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

An average of over 3.5 peer-reviewed papers per research staff member is on a par with the outputs of more established and better funded institutions. There appears to be adequate output given the nature of the institution.

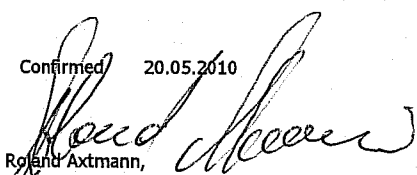
Research staff have filed applications for patents or for plant variety rights certificates in the name of the institution in the last 5 years. Positive

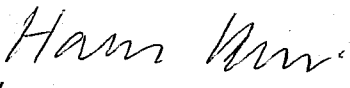
Experts' summary assessment Positive

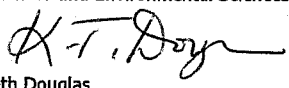
Subcriteria for evaluation	Evaluation	Comments
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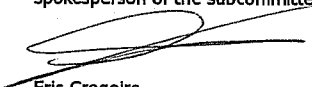
Final assessment	Positive	The experts strongly believe that the excellent research at this institution would be enhanced further and more sustainably if teaching and research were more integrated.
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Confirmed 20.05.2010


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“