

Evalveerimine 2010 Application EV17 National Institute of Chemical Physics and Biophysics, Health

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 only group that came over as reasonably strong was Bioenergetics. One other project as presented to us was merely a database (important in itself, but not innovative research). The third as presented was traditional techniques-based work on snake toxins and we got no feel that there was highly innovative work there.
The institution has international cooperation projects in the field being evaluated and/or participates in various international cooperation networks.	Positive	Bioenergetics has a strong collaboration with Grenoble, crucial in regard to its access to essential specialist instrumentation.
Experts' summary assessment	Positive	see above

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

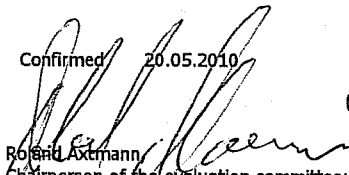
Subcriteria for evaluation	Evaluation	Comments
The institution's research groups in the field being evaluated have at their disposal the necessary working and auxiliary facilities (premises).	Positive	
The working facilities (premises) at the disposal of the institution's research groups in the field 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	

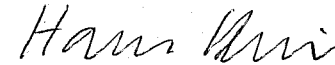
Expert's opinion: Qualification of researchers in comparison to international criteria.

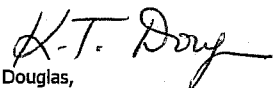
Subcriteria for evaluation	Evaluation	Comments
A sufficient number of research staff are employed at the institution taking into account the volume and particularities of the R&D activities of the institution and the field being evaluated.	Positive	
A sufficient number of the research staff have a recognized academic degree corresponding to Estonian legislative acts.	Positive	


Doctoral dissertations have been successfully supervised in the last five years.	Positive	Yes, and this depends on joint students with Grenoble. Low overall numbers.
Research staff in the field being evaluated have received sufficient national or international honours and/or awards.	Positive	Again resides predominantly in 1st sub-group.
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	Yes but mostly not the very top-rank journals.
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	Not really relevant.
Experts' summary assessment	Positive	
Subcriteria for evaluation	Evaluation	Comments
Final assessment	Positive	A heterogeneous application. Each sub-group works in isolation. They would each benefit by co-location with like-minded scientists.

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“