

## **The Principles of the “Molecular Biology and Genetics” Commission for the Evaluation of Dissertations and the Person of the Applicant for the ‘Res. Prof.’ Degree**

The work of the commission proceeds from the Rules for the Granting of the ‘Research Professor’ Degree in the CAS issued as the Guidelines of the Academic Council of the CAS No. 5/2014, from the General Principles for the Evaluation of Dissertations and Persons of an Applicant binding for all commissions issued by the Panel for the Granting of a Scientific Title of ‘Research Professor’ and governed by the Regulatory Procedure to the Rules for the Granting of the ‘Research Professor’ Degree.

### **1. General Criteria for the Evaluation of the Dissertation and Person of the Applicant**

The applicant must fulfil the criterion of an internationally recognized personality in the relevant (sub)field. The independence and originality of the scientific work of the applicant must be clearly visible. An adequate form of foreign cooperation in solving his/her own issues and the presentation of the results of their own work in the form of a review article in a quality international journal, or the form of a monograph or a chapter in it is further assumed.

To quantifiable criteria include:

1. At least 20 publications in journals with  $IF > 1$ , of which candidates must be a corresponding author for at least 10 articles.
2. At least 500 citations according to ISI Web of Knowledge without self-citations. The candidate must submit a list of citations of individual work in the form of links to publications, where these works are cited.
3. The applicant must be (or was) a successful investigator of least two grants of his/her own with national grant agencies or foreign grants.
4. The applicant must be the supervisor of at least one PhD candidate who successfully defended his/her dissertation.
5. In addition to these criteria, the applicant must **fulfil** the general principles for the assessment of candidates for the scientific degree "Doctor of Science" and his dissertation valid for all commissions.

### **2. Materials Required for the Defence:**

- a) certified proof of the successful completion of university education (diploma);
- b) certified proof of the granting of the academic Ph.D. degree position or proof of the granting of the scientific degree of Candidate of Sciences or proof of the granting of a title of the same standing;
- c) a curriculum vitae with an overview of the scientific work so far;
- d) the list publications that form the background materials of the dissertation (according to the requirements defined in the ‘Rules’), with an IF and citations (without self-citations);
- e) the theses of the dissertation in ten (10) copies,
- f) the dissertation in five (5) copies,
- g) a statement of in what labour relation the dissertation was created,
- h) an expression of your own scientific contribution and share of the work if the scientific results listed in the dissertation were acquired with co-authors,

- i) written opinions of two Doctors of Sciences or Professors (See Art. III, Sect. 4),
- j) if the applicant presents a new dissertation in the same field in a new proceedings for the granting of a scientific title, a statement of who issued the denial decision, the title of the original dissertation and the definition of the differences between.

b) Besides the above-mentioned materials, the commission requires the presentation of the following supplementary materials:

- a) bibliometric data on the actual scientific work: listing the current h-index, overall number of published works with an  $IF > 1$  and the number of citations of all the works without self-citation according to the ISI Web of Knowledge,
- b) a list of the other publications for the applicant for the Res. Prof. degree that are not a part of the dissertation, with the IF and citations (without self-citations).

4 February 2015

Prof. RNDr. Pavel Hozák, DrSc.  
Chairperson of the Commission of Molecular  
Biology and Genetics

Discussed and approved on 5 February 2015 by the Panel for the 'Research Professor' Degree.

prof. Ing. Karel Ulbrich, DrSc.  
Chairperson of the Panel for the 'Doctor of Sciences' Degree