



**Czech Academy  
of Sciences**

# **Report of the I. phase of the Evaluation of the research and professional activity of research-oriented institutes of the Czech Academy of Sciences for the period 2015-2019**

**FIELD: BIOLOGICAL SCIENCES**

**INSTITUTE: Institute of Experimental Botany of the CAS, v. v. i.**

**TEAM: Laboratory of Signal Transduction, Laboratory of Pathological Plant Physiology, and**

## Profiles for teams

**FIELD:** BIOLOGICAL SCIENCES

**INSTITUTE:** Institute of Experimental Botany of the CAS, v. v. i.

**TEAM:** Laboratory of Signal Transduction, Laboratory of Pathological Plant Physiology, and Laboratory of Biologically Active Substances

**EVALUATED OUTPUTS:** 20

**FC=** 9,38

**N<sub>rp</sub>=** 12

**HEAD:** RNDr. Jan Martinec, CSc.

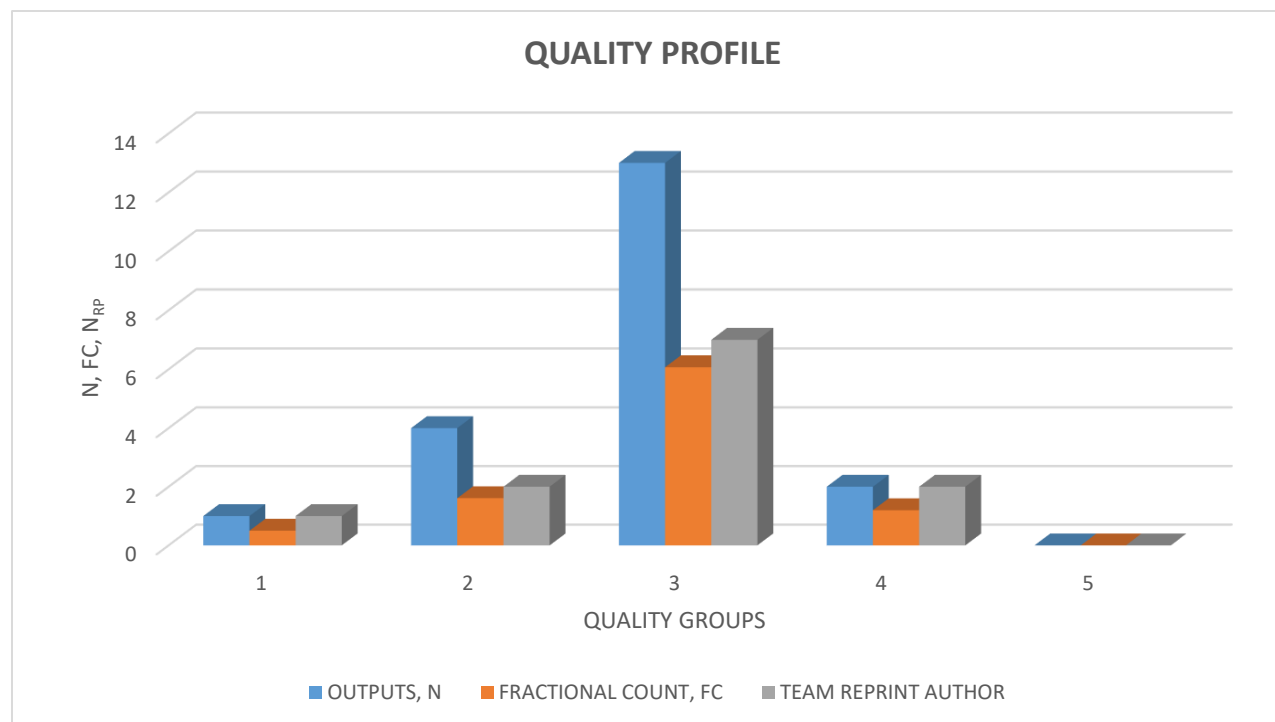
### QUALITY GROUPS OF OUTPUTS

| QUALITY                              | 1   | 2    | 3    | 4   | 5 |
|--------------------------------------|-----|------|------|-----|---|
| OUTPUTS, N                           | 1   | 4    | 13   | 2   | 0 |
| FRACTIONAL COUNT, FC                 | 0,5 | 1,61 | 6,07 | 1,2 | 0 |
| TEAM REPRINT AUTHOR, N <sub>rp</sub> | 1   | 2    | 7    | 2   | 0 |

**Average rating of team: 2,8**

FC is the fractional count calculated in a similar way as in Nature Index ( $FC=a/b$ , where  $a$  is the number of authors of the team and  $b$  is the total number of authors),  $FC_{1,2}$  is fractional count for grading levels 1 and 2.  $N_{rp}$  is the number of outputs with reprint author from the team,  $N_{rp,1,2}$  is the number of outputs with own reprint author for grading levels 1 and 2.

Number of outputs (N) will be alternatively shown with fractional count, FC, where possible. This information is important for those fields of science where affiliation of reprint autor does not represent relevant information.



## Types of collaboration and subfields of teams

**FIELD: BIOLOGICAL SCIENCES**

**INSTITUTE: Institute of Experimental Botany of the CAS, v. v. i.**

**TEAM: Laboratory of Signal Transduction, Laboratory of Pathological Plant Physiology, and Laboratory of Biologically**

**Active Substances**

| Quality Levels and Types of Collaboration |   |   |   |   |   |
|---|---|---|---|---|---|
| Type of Collaboration                     | 1 | 2 | 3 | 4 | 5 |
| A1  |   |   | 1 |   |   |
| B   |   |   | 3 |   |   |
| B1  |   | 2 | 2 |   |   |
| C   |   | 1 | 1 |   |   |
| C1  | 1 |   | 2 | 2 |   |
| D   |   | 1 |   |   |   |
| D1  |   |   | 2 |   |   |
| E   |   |   |   |   |   |
| n.a.                                      |   |   | 2 |   |   |
| Without affiliation                       |   |   |   |   |   |
| A1+B1+C1+D1                               | 1 | 2 | 7 | 2 |   |
| B+C+D                                     |   | 2 | 4 |   |   |

| Quality Levels and Subfields Structure of Outputs |   |   |    |   |   |
|---|---|---|----|---|---|
| Field of Structure of Outputs                     | 1 | 2 | 3  | 4 | 5 |
| Biochemistry Molecular Biology                    |   | 1 |    |   |   |
| Biotechnology Applied Microbiology                | 1 |   |    |   |   |
| Environmental Sciences                            |   |   | 1  |   |   |
| Microbiology                                      |   |   | 1  |   |   |
| Multidisciplinary Sciences                        |   |   |    | 1 |   |
| n.a.  |   |   | 2  |   |   |
| Nutrition Dietetics                               |   | 1 |    |   |   |
| Plant Sciences                                    |   | 3 | 10 | 1 |   |