

Deed of foundation

Consolidated with amendments

Pursuant to Section 8/A of Act CXCV of 2011 on Public Finances, the Research Centre for Natural Sciences is hereby established as follows:

1. Name, seat, place of business of the budgetary institution

1.1 The budgetary institution

1.1.1 Name: Research Centre for Natural Sciences

1.1.2 Abbreviated name: (RCNS) TTK

1.2 Name of the budgetary institution in foreign language: Research Centre for Natural Sciences

1.3 The budgetary institution

1.3.1 Seat: 1117 Budapest, Magyar tudósok körútja 2.

1.3.2 Place(s) of business:

| | Name of the place of the business | Address of the place of business |
|---|--|----------------------------------|
| 1 | Institute for Materials and Environmental Chemistry Functional Nanoparticles Research Group | 8200 Veszprém, Egyetem utca 10. |
| 2 | (RCNS) TTK Guest house | 1025 Budapest, Muraközi út 26. |

2. Provisions relating to the foundation and termination of the budgetary institution

2.1. Date of foundation of the budgetary institution: 15 February 1952

2.2. The legislation defining the legal status of the budgetary institution: Act LXXVI of 2014 on scientific research, development and innovation

2.3. The legal predecessors of the budgetary institution

| | Name | Seat |
|---|--|---|
| 1 | Hungarian Academy of Sciences Central Institute of Chemical Research | 1025 Budapest, Pusztaszeri út 59-67 |
| 2 | Hungarian Academy of Sciences Institute of Isotope Research | 1121 Budapest, Konkoly-Thege Miklós út 29-33. |
| 3 | Hungarian Academy of Sciences Szeged Biological Centre, Institute of Enzymology | 1113 Budapest, Karolina út 29-31. |
| 4 | Hungarian Academy of Sciences Research Institute of Psychology | 1132 Budapest, Victor Hugo utca 18-22. |
| 5 | Hungarian Academy of Sciences Technical Physics and Materials Science Research Institute | 1121 Budapest, Konkoly-Thege út 29-33. |

3. Management and supervision of the budgetary institution

3.1. Managing body of the budgetary institution

3.1.1. Name: Eötvös Loránd Research Network Secretariat

3.1.2. seat: 1052 Budapest, Piarista utca 4.

4. Activity of the budgetary institution

4.1. The public task of the budgetary institution:

(RCNS) TTK performs public tasks specified by Act LXXVI of 2014 on Scientific Research, Development and Innovation as a central budgetary institution, within the scope defined and detailed in the present deed of foundation.

4.2. The public finance sector classification of the main activity of the budgetary institution:

| | Number of the sector | Name of the sector |
|---|----------------------|---|
| 1 | 721900 | Other scientific and technical research and development |

4.3. Basic activity of the budgetary institution:

The (RCNS) TTK performs multidisciplinary living and inanimate natural sciences research, as follows:

4.3.1. Within the core research activity, the (RCNS) TTK and its institutes give priority to the following scientific fields and research tasks:

Enzymology:

- basic natural science research and experimental development in certain fields of biological sciences (biophysics, biochemistry, bioinformatics, enzymology, genetics, molecular biology, cell biology, molecular pharmacology). Exploratory research into the biological basis of drug action at the molecular level. Experimental development to create new, effective and safe medicines.

Organic chemistry:

- development and application of new reaction types and catalysts;
- synthesis of new ring bases, compound types or natural compounds within molecules and molecular pharmacology;
- development and application of new signalling molecules to study biological processes;
- verification of chemical structure and interpretation of experimental processes by instrumentation techniques and theoretical calculations;
- examining signal transmission complexes, understanding structure and function, and agent design;
- experimental developments to create new, effective and safe medicines.

Materials and environmental chemistry:

- production of micro- and nanostructured functional and structural materials, and the discovery of relationship between structure and features. Technology-driven research and development in environmental science, namely the interpretation and decrease of adverse

environmental impacts of human activities and the use of renewable energy sources, and in the field of certain biomedically relevant material systems.

Cognitive neuroscience and psychology:

- exploratory research and applications in the fields of experimental, cognitive, affective, clinical, cultural, developmental, personality and social psychology, comparative psychophysiology, psycholinguistics, interpersonal and human-machine communication, ethology, and systemic and translational neuroscience. By taking the synthesis of psychology and neurosciences as a basis during the researches and with the help of computational models and artificial intelligence new therapeutic and training methods are developed, and collaboration is built up in order to create machine communication and new, effective and safe medicines.

Biomedical imaging:

- discovery research and applied research development in the field of biomedical imaging (MRI, EEG) and artificial intelligence-assisted data analysis.

Structural research:

- development and application of analytical methods to examine chemical and biological structures and functions.

4.3.2. Other tasks related to the researches of the (RCNS) TTK

- collaborates with national research centres and institutes, conducts joint researches with them; maintains and establishes contacts with scientific institutions of other countries, and international scientific societies;
- promotes the presence of the Hungarian biochemical, molecular biological, chemical, engineering physics, materials science and psychology researches in the international scientific community;
- organises national and international scientific programmes and conferences;
- in the context of its activity, it issues scientific, professional and educational publications;
- promotes to pursue science in Hungarian language;
- promotes and facilitates the social and economic utilization of the results of scientific researches;
- in cooperation with higher education institutions, it involves in teaching and carries out joint researches, trainings and further training activities;
- operates a specialised library,
- helps the development of international scientific relations,
- registers the properties it uses and manages operational and maintenance tasks,
- operates and maintains a research infrastructure, purchases research equipment and materials.

4.4. Classification of the core activity of the budgetary institution by government functions:

| | government function number | name of government function |
|----|----------------------------|--|
| 1. | 014010 | General R&D policy |
| 2. | 014020 | Basic biotechnology research |
| 3. | 014030 | Basic research in natural sciences and engineering |
| 4. | 014040 | Basic research in social sciences, humanities |
| 5. | 041170 | Technical inspection, analysis |
| 6. | 048010 | Applied research and development on economic affairs |
| 7. | 049020 | Innovation related to R&D activities |
| 8. | 055010 | Applied research and development related to environment protection |

| | | |
|-----|--------|--|
| 9. | 075010 | Applied research and development related to healthcare |
| 10. | 082042 | Library stock acquisition, inventory |
| 11. | 082043 | Exploring, preserving and protecting library stocks |
| 12. | 082044 | Library services |
| 13. | 083020 | Publishing |
| 14. | 083030 | Other publishing activities |
| 15. | 094110 | Higher education vocational training |
| 16. | 094120 | Specialised training |
| 17. | 094210 | Higher education |

4.5. Budgetary institution's competence and area of operation: national

4.6. The upper limit for the entrepreneurial activity of the budgetary institution:

The upper limit for the entrepreneurial activity of the budgetary institution shall be 33% of the modified expenditure appropriations.

5. Organisation and operation of the budgetary institution

5.1. The rules of commissioning of the budgetary institution's manager:

The (RCNS) TTK is managed by a single person and on the basis of Act I of 2012 on the Labour Code, its activities are carried out by the Director-General as a senior employee.

The Director-General will be appointed by way of application, by the Governing Body of the Eötvös Loránd Research Network Secretariat Board for a maximum term of five years and the employer's rights are exercised by the director of the Eötvös Loránd Research Network Secretariat.

5.2. Legal status of persons employed by the budgetary institution:

| | employment relationship | law governing the relationship |
|---|-------------------------|---|
| 1 | employment | Act I of 2012 on the Labour Code and Act LXXVI of 2014 on scientific research, development and innovation |

Hungarian State Treasury
CLOSING

Pursuant to Paragraph (4) of Article 5 of Government Decree No. 368/2011 (XII. 31.) on the implementation of the Public Finance Act, I hereby certify on behalf of the Hungarian State Treasury that the present Deed of Foundation, unified with amendments, corresponds with the contents of the deed of foundation of the NATURAL SCIENCE RESEARCH CENTRE of 10 December 2020, applicable from 1 January 2021, as amended by the Amendment No. 335/2/2020/JIF

Dated in Budapest on the 17th days of December 2020.