

**THE
HUNGARIAN
ACADEMY
OF
SCIENCES**

AKADÉMIAI KIADÓ, BUDAPEST

THE HUNGARIAN ACADEMY OF SCIENCES

Introduction

Law 5 of 1979 on the Hungarian Academy of Sciences

The Members of the Academy

Chairmen

Corresponding Members

Foreign Members

The Organization and Composition of the Academy

The Research Institutes of the Academy

Magdalen Institute

Research Councils

The Library

Publications

Academy of Sciences Library

The Publications of the Academy

The Academy's Legal Position



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ACADEMY
OF SCIENCES

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CONTENTS

Introduction	7
Law 6 of 1979 on the Hungarian Academy of Sciences	9
The Members of the Academy	15
Ordinary Members	16
Corresponding Members	33
Honorary Members	44
The Organization and Operation of the Academy	49
The Research Institutes of the Academy	61
The Natural Sciences	63
The Social Sciences	77
The Library	83
Enterprises	85
International Scientific Contacts	87
The Publications of the Academy	97
The Academic Degree Committee	111

INTRODUCTION

The Hungarian Academy of Sciences was founded in 1825. Although initially oriented towards the humanities, by the late 19th century the Academy was taking an interest in the natural sciences as well. In 1949 it was reorganized, and from that time has functioned as the supreme scientific body of the Hungarian People's Republic.

The Academy—as a scientific body—takes part in the direction of the research going on throughout the country, and in the elaboration, execution and supervision of national research programmes. It helps coordinate research, and evaluates the progress being made in the sciences with a view to their future development. The Academy makes prognoses, and devises the guidelines that might best promote scientific work.

The Academy—upon the request of the Council of Ministers and other state and social bodies, or of its own accord—comments on various matters and draws up proposals on matters of significance for scientific and socio-economic or cultural development.

The Academy as a corporate body is headed by the President and the Presidium, and influences the country's scientific life through the activities of its more than 200 members (corresponding members included), through its 10 Sections in the various sciences, and the 3,000 scholars working on its 300 or so committees.

The Academy fulfills its functions of directing the institutes and of coordinating research throughout the country through the Secretary General, who acts after consideration of the opinions and recommendations of the corporate bodies.

In 1980, the Hungarian Academy of Sciences had 36 research institutes with 9,533 employees, 2,903 of them researchers. The distribution of the institutes according to disciplines is as follows: 15 are in the natural sciences, 2 in the technical sciences, 1 in the medical sciences, 3 in the agricultural sciences, and 15 in the social sciences and humanities.

The research institutes devote their best energies to those socially expedient projects that have been given a priority rating by the government or by the Academy. The Academy has a Publishing House of its own, which puts out primarily scientific and scholarly books and periodicals in Hungarian and numerous other languages. The Instrument and Measurement Technology Service supplies the institutes with the instruments and technical equipment required in their work. The Research Supplies Service is in charge of providing the services necessary for the functioning of the Academy's institutes.

The Hungarian Academy of Sciences has established a wide range of international contacts. Thirty-seven agreements provide the framework of its cooperation with academies and scientific bodies in twenty-five countries, agreements made in the hopes of their furthering the cause of science and scholarship both in Hungary and abroad.

It is the details of these various aspects of the Academy's activities that are presented in the pages that follow, up to and including the time of the 1982 General Assembly.

LAW 6 OF 1979

promulgated by the Hungarian Council
of Ministers on the
Hungarian Academy of Sciences

§ 1. The Hungarian Academy of Sciences is the supreme scientific body of the Hungarian People's Republic.

§ 2. (1) The Academy encourages its members and research institutes in the creative pursuit of scholarship, provides the principles of research, suggests its methodology, strives to approximate theory and practice, and to guarantee freedom of research and the democracy of scholarship, thereby to contribute to the development of the Hungarian People's Republic, and to the advancement of science in the service of mankind.

(2) The Academy takes part in the direction of research throughout the country, helps plan research projects and sees to their execution; helps coordinate research and evaluates the progress being made, with special reference to those areas which lay the groundwork of future research, and makes suggestions as to how scholarship in Hungary might best be promoted.

(3) At the request of the Council of Ministers and other higher government authorities and social organizations, or whenever it thinks appropriate, the Academy gives its opinion and makes suggestions on important scientific issues, issues and matters of vital interest to the country's social and economic development.

§ 3. The Academy helps supervise the education of future scientists and scholars, helps work out the criteria of academic degrees and awards them, and has an active part in the promotion of international scientific contacts, and in the publication of scholarly books and journals.

§ 4. (1) The Academy's work consists alike of the activities of its members, its scientific bodies, its institutions and administrative offices. Its organization and functions are specified in its Statutes.

(2) The Academy's Hungarian and foreign members are chosen by the General Assembly. The Academy's Hungarian members are engaged in scholarship and scientific research, contribute to Hungary's cultural life and to the Academy's discharging of its functions.

(3) The Academy's corporate organs are the General Assembly—the supreme organ of the Academy—as well as the other organs specified in the Statutes.

(4) In keeping with its purpose, the Academy maintains research and other institutes, and brings new ones into being. It coordinates the research carried out in institutes under the auspices of ministries and other national bodies in concert with these authorities.

(5) The administrative organs of the Academy take part in directing the Academy's institutes, carry out the managerial and administrative tasks necessary to the functioning of its bodies, and fulfill the administrative functions the Academy has as a coordinator of research throughout the country.

§ 5. The Academy sponsors scientific societies and associations with a view to fostering research and scholarship and popularizing their findings.

It organizes congresses, conferences and other sessions where scientific problems are debated and the newest results are publicized.

§ 6. The national budget is to contain a separate article dealing with the financing of the Academy's expenses.

§ 7. (1) The activities of the scientific bodies of the Academy are coordinated by the President. The President is elected by the General Assembly from among the members of the Academy for a specified period; he is confirmed in his post by the Presidential Council of the Hungarian People's Republic. The President is responsible to the General Assembly and to the Presidential Council.

(2) The President is helped in the discharge of his duties by the Vice-Presidents. The Vice-Presidents are elected by the General Assembly for a specified period; they are responsible to the General Assembly.

(3) The President and the Vice-President can be recalled by the General Assembly during their term of office. The President can be recalled only with the consent of the Presidential Council of the Hungarian People's Republic.

§ 8. (1) The Academy discharges its function of directing and coordinating research throughout the country and of supervising the institutes through the Secretary-General, with due regard for the opinions and advice of the corporate organs.

The Secretary-General, in practicing his jurisdiction as here specified, has the legal status of the director of a national body, and can extend his jurisdiction when empowered by the Council of Ministers to do so.

(2) The Secretary-General is in charge of the administrative system of the Academy, sees to the functioning of the Academy as a body, and to the personnel and funds required for the research going on in the Academy's institutes.

(3) The Secretary-General of the Academy is appointed from among the members of the Academy by the Council of Ministers for a specified period. He is responsible to the Council of Ministers, and reports on his activities to the General Assembly and the Presidium; it is incumbent on the Secretary-General to account for any action he takes out of keeping with the suggestions made by these corporate organs.

(4) The Secretary-General is assisted in his tasks by the Deputy Secretaries-General. The Deputy Secretaries-General are appointed generally from among the members of the Academy by the Council of Ministers for a specified period.

(5) The Council of Ministers can recall the Secretary-General and Deputy Secretaries-General during their terms of office upon advice of the General Assembly or with its consent.

§ 9. The elected and appointed officials of the Academy fulfill the tasks of leadership that fall to them in concert.

§ 10. (1) The Academy is supervised in its activities by the Council of Ministers of the Hungarian People's Republic.

(2) The Council of Ministers in its supervisory capacity specifies the tasks that fall to the Academy as coordinator of research throughout the country, approves the Statutes passed by the General Assembly, and supervises the Academy's activities.

§ 11. (1) In the interest of fulfilling its function, the Academy, the ministries and other national bodies keep each other mutually informed.

(2) In matters that greatly concern the Academy and the fate of scholarship and research in the country, the

ministers and the leaders of the national authorities make their decisions after consultation with the academic bodies and the Secretary-General.

(3) In research matters of consequence to the national economy, the Academy acts in concert with the ministries concerned; the Secretary-General makes his decisions after consultation with the ministers concerned.

(4) The bodies of the Academy are represented by the President; its administrative organs and institutions by the Secretary-General; in speaking for the Academy, they act in concert.

THE MEMBERS OF THE ACADEMY

The ordinary, corresponding and honorary members are elected by the General Assembly of the Academy by secret ballot. Corresponding members are chosen from among those Doctors of Science whose research results are outstanding by international standards as well. Members are chosen from among the corresponding members. The honorary members of the Academy are chosen from among foreign scholars whose work is especially appreciated by their Hungarian compeers. One becomes a candidate for membership upon recommendation of at least two members of the relevant section; to be elected one needs the majority of the votes. According to the 1979 Statutes, the number of Hungarian members under 75 years of age cannot exceed 200. At present, the Academy has 148 ordinary, 84 corresponding and 115 honorary members.

ORDINARY MEMBERS

The dates following the names in parentheses indicate the years (1) of birth; (2) of acquiring corresponding membership (C. M.); (3) of acquiring ordinary membership (M.).

- Ábrahám, Ambrus* (1893, 1945, 1960)
comparative neurohistology, autonomic nervous system,
receptors
(H-6722 Szeged, Egyetem u. 2.; Tel. 11-381)
- Ádám, György* (1922, 1970, 1979)
human and animal physiology, psychophysiology
Department of Comparative Physiology, Eötvös Loránd
University
(H-1088 Budapest, Múzeum krt. 4/a.; Tel. 131-879)
- Andics, Erzsébet* (1902, 1949, 1950)
modern and contemporary Hungarian history
(H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966)
- Babics, Antal* (1902, 1949, 1956)
urological surgery
(H-1026 Budapest, Pór Bertalan u. 5.; Tel. 355-109)
- Bálint, Péter* (1911, 1970, 1976)
physiology, renal physiology and experimental renal
pathology
Institute for Physiology, Semmelweis Medical University
(H-1088 Budapest, Puskin u. 9.; Tel. 134-097)
- Balogh, János* (1913, 1965, 1973)
animal taxonomy, animal ecology
Department of Animal Taxonomy, Eötvös Loránd
University
(H-1088 Budapest, Puskin u. 3.; Tel. 335-370)

- Barta, György* (1915, 1970, 1982)
gravity and geomagnetism, the inner structure of the Earth
Department of Geophysics, Eötvös Loránd University
(H-1083 Budapest, Kun Béla tér 2.; Tel. 343-953)
- Barta, János* (1901, 1967, 1982)
history of Hungarian literature
(H-4026 Debrecen, Múzeum u. 4.; Tel. 26-065)
- Beck, Mihály* (1929, 1973, 1979)
physical chemistry, coordination chemistry
Department of Physical Chemistry, Kossuth Lajos University
(H-4032 Debrecen, Egyetem tér 1.; Tel. 16-666)
- Béll, Béla* (1908, 1970, 1982)
aerology, aeroclimatology
National Meteorological Service
(H-1024 Budapest, Kitaibel Pál u. 1.; Tel. 353-500)
- Benkő, Loránd* (1921, 1965, 1976)
Hungarian linguistics
Department of Hungarian Linguistic History and Dialectology, Eötvös Loránd University
(H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 183-130)
- Berend, Iván T.* (1930, 1973, 1979)
economic and social history
Department of Economic History, Karl Marx University of Economics
(H-1093 Budapest, Dimitrov tér 8.; Tel. 175-482)
- Bihari, Ottó* (1921, 1973, 1979)
state law
Transdanubian Scientific Institute of the Hungarian Academy of Sciences
(H-7601 Pécs, Kulich Gyula u. 22.; Tel. 10-390)
- Bogárdi, János* (1909, 1962, 1973)
hydraulics, hydrology
Institute of Water Economics and Hydraulic Engineering
(H-1024 Budapest, Mártírok útja 31—33.; Tel. 354-056)
- Bognár, Géza* (1909, 1943, 1958)
telecommunications, microwave radio communication
(H-1025 Budapest, Pusztaszeri út 33/b.; Tel. 886-489)
- Bognár, József* (1917, 1965, 1973)
economics

- Institute for World Economics of the Hungarian Academy of Sciences
(H-1124 Budapest, Kálló esperes u. 15.; Tel. 664-572)
- Bognár, Rezső* (1913, 1948, 1953)
organic chemistry
Department of Organic Chemistry, Kossuth Lajos University
(H-4032 Debrecen, Egyetem tér 1.; Tel. 16-666)
- Borbély, Samu* (1907, 1946, 1979)
applied mathematics, heat conductance, ballistics
Department of Mathematics, Technical University of Budapest
(H-1111 Budapest, Műegyetem rkp. 3—9.; Tel. 453-370)
- Bozóky, László* (1911, 1973, 1982)
radiation physics, radiation protection, dosimetry, the medical and industrial application of radioisotopes
(H-1114 Budapest, Szabolcska Mihály u. 1.; Tel. 657-975)
- Császár, Ákos* (1924, 1970, 1979)
real functions, general topology
First Department of Analysis, Eötvös Loránd University
(H-1088 Budapest, Múzeum krt. 6—8.; Tel. 136-874)
- Cselőtei, László* (1925, 1970, 1976)
horticulture, vegetable irrigation
Department of Horticulture, University of Agricultural Science
(H-2100 Gödöllő, Páter K. u. 1.; Tel. 01)
- Csizmadia, Ernő* (1924, 1973, 1979)
agricultural economics
Department of Agrarian Economics, Karl Marx University of Economics
(H-1093 Budapest, Dimitrov tér 8.; Tel. 176-268)
- Donhoffer, Szilárd* (1902, 1964, 1973)
pathophysiology
Institute of Pathophysiology, Medical University of Pécs
(H-7643 Pécs, Szigeti út 12.; Tel. 15-145)
- Elekes, Lajos* (1914, 1965, 1973)
mediaeval Hungarian history, historiography, methodology
Department of Mediaeval Hungarian History, Eötvös Loránd University
(H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966)

- Ember, Győző* (1909, 1945, 1961)
 archival science, history of contemporary Hungarian
 public administration
 (H-1124 Budapest, Németvölgyi út 70—72.; Tel. 460-410)
- Eörsi, Gyula* (1922, 1962, 1973)
 civil law, comparative law
 Department of Civil Law, Eötvös Loránd University
 (H-1053 Budapest, Egyetem tér 1—3.; Tel. 173-119)
- Erdős, Pál* (1913, 1956, 1962)
 number theory, set theory
 Institute of Mathematics of the Hungarian Academy of
 Sciences
 (H-1053 Budapest, Reáltanoda u. 13—15.; Tel. 182-875)
- Erdős, Péter* (1910, 1973, 1979)
 political economics
 Institute of Economics of the Hungarian Academy of
 Sciences
 (H-1112 Budapest, Budaörsi út 43—45.; Tel. 852-398)
- Farkas, Gábor* (1925, 1964, 1976)
 plant physiology
 Institute of Plant Physiology, Biological Research Center
 of the Hungarian Academy of Sciences
 (H-6726 Szeged, Odesszai krt. 62.; Tel. 12-662)
- Fejes Tóth, László* (1915, 1962, 1970)
 discrete geometry
 Institute of Mathematics of the Hungarian Academy of
 Sciences
 (H-1053 Budapest, Reáltanoda u. 13—15.; Tel. 173-151)
- Flerkó, Béla* (1924, 1970, 1982)
 neuroendocrinology
 Anatomy Institute, Medical University of Pécs
 (H-7643 Pécs, Szigeti út 12.; Tel. 24-122)
- Földi, Zoltán* (1895, 1956, 1970)
 organic chemistry
 (H-1026 Budapest, Ábrányi Emil u. 10.; Tel. 155-348)
- Freund, Mihály* (1889, 1948, 1954)
 petroleum technology, petrochemistry
 (H-1051 Budapest, Vörösmarty tér 5.; Tel. 374-470)
- Fülöp, József* (1927, 1967, 1976)
 geology
 Central Geological Office
 (H-1011 Budapest, Iskola u. 13.; Tel. 155-072)

- Gáspár, Rezső* (1921, 1970, 1979)
 quantum chemistry, solid-state physics
 Department of Theoretical Physics, Kossuth Lajos
 University
 (H-4032 Debrecen, Egyetem tér 1.; Tel. 16-666)
- Gegesi Kiss, Pál* (1900, 1949, 1954)
 paediatrics, child psychiatry
 First Paediatric Clinic, Semmelweis Medical University
 (H-1083 Budapest, Bókay János u. 53.; Tel. 138-212)
- Gerevich, László* (1911, 1970, 1973)
 mediaeval archaeology and art history
 Archaeological Institute of the Hungarian Academy of
 Sciences
 (H-1014 Budapest, Uri u. 49.; Tel. 160-160)
- Gesztli, Ottó P.* (1922, 1967, 1976)
 electric power systems, energetics
 Institute of Heavy-Current Engineering, Technical
 University of Budapest
 (H-1111 Budapest, Egry József u. 18.; Tel. 451-500)
- Grasselly, Gyula* (1920, 1976, 1982)
 geochemistry
 Department of Mineralogy, Geochemistry and Lithology,
 József Attila University
 (H-6722 Szeged, Egyetem u. 2—6.; Tel. 11-381)
- Hadrovics, László* (1910, 1948, 1970)
 Slavonic studies
 (H-1113 Budapest, Dinnye u. 5.; Tel. 657-660)
- Hahn, István* (1913, 1979, 1982)
 ancient history, history of religion
 Department of Ancient Greek and Roman History,
 Eötvös Loránd University
 (H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966)
- Hajdú, Péter* (1923, 1970, 1976)
 Uralic linguistics
 Institute of Linguistics of the Hungarian Academy of
 Sciences
 (H-1014 Budapest, Szentháromság u. 2.; Tel. 160-424)
- Hajnal, András* (1931, 1976, 1982)
 set theory, set theory topology, combinations

- Institute of Mathematics of the Hungarian Academy of Sciences
(H-1053 Budapest, Reáltanoda u. 13—15.; Tel. 182-875)
- Harmatta, János* (1917, 1970, 1979)
classical philology, Indo-European linguistics, Indology,
Iranian studies
Department of Indo-European Linguistics, Eötvös
Loránd University
(H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966)
- Hazay, István* (1901, 1967, 1976)
geodesy
(H-1125 Budapest, Szarvas Gábor út 12.; Tel. 165-176)
- Hollán, Zsuzsa* (1920, 1973, 1982)
haematology, immunology, blood-transfusion
National Institute for Haematology and Blood
Transfusion
(H-1113 Budapest, Daróczy út 24.; Tel. 666-004)
- Holló, János* (1919, 1967, 1976)
bioengineering
Central Research Institute for Chemistry of the
Hungarian Academy of Sciences
(H-1025 Budapest, Pusztaszeri út 59—67.; Tel. 151-602)
- Horn, Artur* (1911, 1961, 1967)
applied animal genetics, cattle-breeding
Department of Animal Breeding, University of Veterinary
Medicine
(H-1078 Budapest, Landler Jenő u. 2.; Tel. 426-537)
- Kálmán, Béla* (1913, 1973, 1982)
Hungarian and Finno-Ugrian linguistics
Department of Finno-Ugrian Linguistics, Kossuth Lajos
University
(H-4032 Debrecen, Egyetem tér 1.; Tel. 16-666)
- Kardos, László* (1898, 1958, 1967)
history of world literature
(H-1013 Budapest, Attila út 45.; Tel. 156-734)
- Kaszab, Zoltán* (1915, 1967, 1979)
zoology
Hungarian Natural History Museum
(H-1088 Budapest, Baross u. 13.; Tel. 143-425)
- Keresztesi, Béla* (1922, 1973, 1982)
forestry

- Institute of Forestry
(H-1023 Budapest, Frankel Leó u. 44.; Tel. 150-625)
- Keresztury, Dezső* (1904, 1973, 1982)
history of Hungarian literature
(H-1052 Budapest, Semmelweis u. 4.; Tel. 185-045)
- Kerpel-Fronius, Ödön* (1906, 1948, 1970)
paediatrics
(H-1026 Budapest, Szilágyi Erzsébet fasor 25.; Tel. 351-693)
- Kézdi, Árpád* (1919, 1970, 1976)
geotechnics, soil physics, soil statics
Department of Geotechnics, Technical University of
Budapest
(H-1111 Budapest, Műegyetem rkp. 3—9.; Tel. 664-242)
- Király, István* (1921, 1970, 1979)
history of Hungarian literature
Department of Hungarian Literary History, Eötvös
Loránd University
(H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966)
- Király, Zoltán* (1925, 1973, 1982)
plant pathophysiology
Plant Protection Institute
(H-1022 Budapest, Herman Ottó út 15.; Tel. 358-137)
- Klanczay, Tibor* (1923, 1965, 1979)
old Hungarian, Renaissance and Baroque literature
Institute of Literary Studies of the Hungarian Academy of
Sciences
(H-1118 Budapest, Ménesi út 11—13.; Tel. 669-643)
- Knoll, József* (1925, 1970, 1979)
neuropsychopharmacology
Institute of Pharmacology, Semmelweis Medical Univer-
sity
(H-1089 Budapest, Nagyvárad tér 4.; Tel. 137-015)
- Kónya, Albert* (1917, 1958, 1976)
quantum chemistry, theoretical solid-state physics
Institute for Physics, Technical University of Budapest
(H-1111 Budapest, Budafoki út 8.; Tel. 452-365)
- Kornai, János* (1928, 1976, 1982)
theoretical economics, problems of the socialist economy,
mathematical economics

- Institute of Economics of the Hungarian Academy of Sciences
(H-1112 Budapest, Budaörşi út 43—45.; Tel. 852-574)
- Kovács, Ferenc* (1921, 1976, 1982)
veterinary hygiene
Department of Veterinary Hygiene, University of Veterinary Medicine
(H-1078 Budapest, Landler Jenő u. 2.; Tel. 226-078)
- Kovács, István* (1913, 1949, 1967)
molecular spectroscopy
Department of Atomic Physics, Technical University of Budapest
(H-1111 Budapest, Budafoki út 8.; Tel. 666-536)
- Kovács, István* (1921, 1965, 1976)
constitutional law
Institute for Law and Administrative Sciences of the Hungarian Academy of Sciences
(H-1014 Budapest, Országház u. 30.; Tel. 352-159)
- Kovács, K. Pál* (1907, 1949, 1970)
heavy-current engineering, electric machines and networks, automation
(H-1011 Budapest, Vám u. 2.; Tel. 388-451)
- Kozma, László* (1902, 1961, 1976)
wire telecommunication
(H-1068 Budapest, Gorkij fasor 8/b.; Tel. 428-248)
- Kozma, Pál* (1920, 1967, 1973)
biological basis of viticulture, vine improvement
Department of Viticulture, University of Horticulture
(H-1118 Budapest, Villányi út 35—43.; Tel. 664-650)
- Köpeczi, Béla* (1921, 1967, 1976)
French and Romanian literature, 17th and 18th century
Hungarian literature and history
Hungarian Academy of Sciences
(H-1051 Budapest, Roosevelt tér 9.; Tel. 113-868)
- Környey, István* (1901, 1947, 1973)
neurology, psychiatry
(H-1021 Budapest, Vörös Hadsereg útja 116.; Tel. 164-640)
- Krompecher, István* (1905, 1948, 1973)
anatomy, histology, embryology, experimental biology
(H-4012 Debrecen, Nagyerdei krt. 98.; Tel. 11-600)

- Kulcsár, Kálmán* (1928, 1973, 1982)
 sociology of law, political sociology, sociology of organizations
 Institute of Sociology of the Hungarian Academy of Sciences
 (H-1014 Budapest, Úri u. 49.; Tel. 161-597)
- Kurnik, Ernő* (1913, 1970, 1976)
 plant breeding and plant cultivation
 Research Institute for Fodder Crops
 (H-7095 Iregszemcse; Tel. 5)
- Lakó, György* (1908, 1948, 1970)
 Finno-Ugrian linguistics, history of science, Swedish
 (H-1124 Budapest, Németvölgyi út 72/b.; Tel. 850-370)
- Lapis, Károly* (1926, 1970, 1979)
 pathology of the liver, experimental cancer research, ultrastructural research
 First Pathological and Experimental Tumour Research Institute, Semmelweis Medical University
 (H-1085 Budapest, Üllői út 26.; Tel. 334-931)
- Leindler, László* (1935, 1973, 1982)
 mathematical analysis
 Bolyai Institute, József Attila University
 (H-6720 Szeged, Aradi vértanúk tere 1.; Tel. 11-622)
- Lempert, Károly* (1924, 1970, 1982)
 organic chemistry of heterocyclical compounds
 Research Group for Alkaloid Chemistry of the Hungarian Academy of Sciences
 (H-1111 Budapest, Gellért tér 4.; Tel. 452-178)
- Lengyel, Béla* (1903, 1961, 1967)
 physical chemistry
 (H-1075 Budapest, Wesselényi u. 2.; Tel. 226-090)
- Lévai, András* (1908, 1962, 1973)
 energetics, nuclear energy, power stations
 (H-1022 Budapest, Fillér u. 56.; Tel. 451-392)
- Ligeti, Lajos* (1902, 1936, 1947)
 oriental studies, Altaic languages
 (H-1056 Budapest, Belgrád rkp. 26.; Tel. 181-349)
- Lissák, Kálmán* (1908, 1948, 1956)
 physiology, neurophysiology, neuroendocrine control
 Institute of Physiology, Medical University of Pécs
 (H-7622 Pécs, Rákóczi út 80.; Tel. 12-488)

- Lukács, József* (1922, 1976, 1982)
 philosophy, philosophy of religion
 Institute of Philosophy of the Hungarian Academy of
 Sciences
 (H-1054 Budapest, Szemere u. 10.; Tel. 120-243)
- Major, Máté* (1904, 1949, 1960)
 history of architecture, theory of architecture
 (H-1111 Budapest, Műegyetem rkp. 3—9.; Tel. 452-563)
- Márta, Ferenc* (1929, 1970, 1976)
 reaction kinetics
 Central Research Institute for Chemistry of the Hungari-
 an Academy of Sciences
 (H-1025 Budapest, Pusztaszeri út 59—67.; Tel. 352-314)
- Martos, Ferenc* (1918, 1973, 1979)
 mining engineering
 Central Institute for Mining Development
 (H-1051 Budapest, Münnich Ferenc u. 9.; Tel. 174-219)
- Marx, György* (1927, 1970, 1982)
 elementary particle physics, relativity theory, astrophysics
 Department of Atomic Physics, Eötvös Loránd Uni-
 versity
 (H-1088 Budapest, Puskin u. 5—7.; Tel. 131-843)
- Máthé, Imre* (1911, 1954, 1970)
 botany
 Botanical Research Institute of the Hungarian Academy
 of Sciences
 (H-2163 Vácrátót, Alkotmány u. 2—4.; Tel. 10-945)
- Mátrai, László* (1909, 1948, 1962)
 history of philosophy, aesthetics, cultural history
 (H-1053 Budapest, Károlyi Mihály u. 10.; Tel. 185-721)
- Mérei, Gyula* (1911, 1973, 1979)
 modern and contemporary Hungarian history, economic
 history, historiography, methodology
 (H-6726 Szeged, Bérkert u. 41/d.; Tel. 17-055)
- Mészáros, János* (1927, 1976, 1982)
 contagious domestic animal diseases
 Research Institute for Veterinary Medicine of the Hun-
 garian Academy of Sciences
 (H-1143 Budapest, Hungária krt. 21.; Tel. 636-093)
- Millner, Tivadar* (1899, 1954, 1961)
 telecommunication, tungsten manufacture and technol-
 ogy, solid-state physical chemistry

- Research Institute for Technical Physics of the Hungarian Academy of Sciences
(H-1047 Budapest, Fóti út 56.; Tel. 692-100)
- Mócsy, András* (1929, 1973, 1982)
archaeology, epigraphy, ancient history
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history
Department of Modern and Contemporary History,
Eötvös Loránd University
(H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966)
- Szabó, Árpád* (1913, 1979)
history of science, exact sciences
Institute of Mathematics of the Hungarian Academy of
Sciences
(H-1026 Budapest, Pasaréti út 60/a.; Tel. 165-765)
- Szabó, Ferenc* (1926, 1982)
reactor physics
Central Research Institute for Physics of the Hungarian
Academy of Sciences
(H-1121 Budapest, Konkoly-Thege út 29—33.; Tel.
166-540)
- Székely, György* (1924, 1973)
mediaeval world history
Department of Mediaeval World History, Eötvös Loránd
University
(H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966)

- Szemerédi, Endre* (1941, 1982)
 combinatorics, number theory, algorithm theory
 Institute of Mathematics of the Hungarian Academy of
 Sciences
 (H-1053 Budapest, Reáltanoda u. 13—15.; Tel. 182-399)
- Szépfalusy, Péter* (1931, 1982)
 theoretical and mathematical physics
 Central Research Institute for Physics of the Hungarian
 Academy of Sciences
 (H-1121 Budapest, Konkoly-Thege út 29—33.; Tel.
 166-540)
- Szigeti, József* (1921, 1967)
 epistemology, aesthetics, history of philosophy
 First Department of Philosophy, Eötvös Loránd
 University
 (H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966)
- Tálas, István* (1910, 1976)
 ethnography of artifacts
 (H-1024 Budapest, Keleti Károly u. 38.; Tel. 354-883)
- Tariska, István* (1915, 1982)
 clinical neuropathology
 National Institute for Neurology and Psychiatry
 (H-1021 Budapest, Vörös Hadsereg útja 116.; Tel.
 164-640)
- Tóth, Dezső* (1925, 1979)
 early 19th century and contemporary Hungarian literature
 Ministry of Culture
 (H-1055 Budapest, Szalay u. 10—14.; Tel. 323-145)
- Tőkei, Ferenc* (1930, 1973)
 oriental studies
 Institute of Linguistics of the Hungarian Academy of
 Sciences
 (H-1014 Budapest, Szentháromság u. 2.; Tel. 161-410)
- Tuschák, Róbert* (1927, 1982)
 regulation technology, computer process management,
 electric machines
 Automation Department of the Technical University of
 Budapest
 (H-1111 Budapest, Műegyetem rkp. 9.; Tel. 664-011)

Ujfalussy, József (1920, 1973)

music aesthetics

Franz Liszt School of Music

(H-1061 Budapest, Liszt Ferenc tér 8.; Tel. 225-434)

Wolfram, Ervin (1923, 1982)

physical chemistry, colloid studies

Department of Colloid Chemistry and Colloid Technology,

Eötvös Loránd University

(H-1088 Budapest, Puskin u. 11—13.; Tel. 342-761)

HONORARY MEMBERS

The dates following the names in parentheses indicate the years of (1) birth, (2) election to honorary membership in the Hungarian Academy of Sciences

- Alexandrov, Anatoly Petrovich* (1903, 1970) physics (USSR)
Ambarcumian, Victor Amazaspovich (1908, 1979) astrophysics (USSR)
Ancel, Marc (1902, 1979) jurisprudence (France)
Ariste, Paul (1905, 1967) linguistics (USSR)
Balevski, Angel Tonchev (1910, 1970) metallurgy (Bulgaria)
Balogh, Thomas, Baron (1905, 1979) economics (United Kingdom)
Barton, Derek Harold Richard (1918, 1976) Nobel prizewinner, organic chemistry (United Kingdom)
Bay, Zoltán (1900, 1981) physics (USA)
Bayev, Alexander Alexandrovich (1904, 1976) biology (USSR)
Bernard, Jean (1907, 1979) clinical haematology (France)
Bogolyubov, Nikolai Nikolayevich (1909, 1979) physics (USSR)
Borlaug, Norman Ernest (1914, 1980) agriculture, corn and wheat breeding (Mexico)
Braudel, Fernand (1902, 1981) history (France)
Braunstein, Alexander Yevseyevich (1902, 1979) biochemistry, enzymology (USSR)
Brezhnev, Dimitry Danilovich (1905, 1973) plant breeding (USSR)
Chumakov, Mihail Petrovich (1909, 1979) virology, microbiology (USSR)
Clausen, Hjalmar (1905, 1967) animal husbandry (Denmark)
Collinder, Björn (1894, 1937) linguistics (Sweden)
Daskalov, Hristo (1903, 1970) plant breeding (Bulgaria)

- Dausset, Jean* (1916, 1981) Nobel prizewinner, immunology (France)
- Dirac, Paul Adrien Maurice* (1902, 1979) Nobel prizewinner, physics (United Kingdom)
- Dobrzanski, Bohdan* (1909, 1976) soil research (Poland)
- Dubinina, Mihail Mihailovich* (1901, 1953) physical chemistry (USSR)
- Emanuel, Nikolai Markovich* (1915, 1976) physical chemistry (USSR)
- Ernster, Lars* (1920, 1981) bioenergetics, biophysics (Sweden)
- Fedoseyev, Pyotr Nikolayevich* (1908, 1960) philosophy (USSR)
- Flaker, Aleksander* (1924, 1976) literature (Yugoslavia)
- Gaillard, Pieter Johannes* (1907, 1973) cytology, histology (Holland)
- Gerasimov, Innokenty Petrovich* (1905, 1973) geomorphology, soil research (USSR)
- Gilyarov, Merkursy Sergeyeovich* (1912, 1976) zoology (USSR)
- Groszkowski, Janusz* (1898, 1965) physics, radio-electronics (Poland)
- Hachaturov, Tigran Sergeyeovich* (1906, 1970) economics (USSR)
- Hadziolov, Assen Ivanov* (1903, 1953) biology (Bulgaria)
- Halmos, Paul Richard* (1916, 1979) mathematics (USA)
- Halpern, Bernard* (1904, 1973) medicine (France)
- Hartke, Werner* (1907, 1965) classical philology (GDR)
- Heady, Earl O.* (1916, 1964) agricultural economics (USA)
- Herzberg, Gerhard* (1904, 1964) Nobel prizewinner, physics (Canada)
- Hill, Christopher* (1912, 1981) history (United Kingdom)
- Hobsbawm, Eric John Ernest* (1917, 1979) history (United Kingdom)
- Hotschkiss, Rollin Douglas* (1911, 1976) bacterial physiology and genetics (USA)
- Hrapchenko, Mihail Borisovich* (1904, 1973) history of literature (USSR)
- Hunger, Herbert* (1914, 1976) Byzantine studies (Austria)
- Ikonen, Erkki* (1913, 1970) Finno-Ugrian linguistics (Finland)
- Kaldor, Nicholas* (1908, 1979) economic theory (United Kingdom)

- Kalman, Rudolf Emil* (1930, 1976) mathematical systems theory (Switzerland)
- Kantorovich, Leonid Vitalyevich* (1912, 1967) Lenin and Nobel prizewinner, mathematics, economics (USSR)
- Kastler, Alfred* (1902, 1973) Nobel prizewinner, physics (France)
- Kedrov, Bonifaty Mihailovich* (1903, 1972) chemistry, philosophy, history of science (USSR)
- Kerisel, Jean Lehuérog* (1908, 1973) technical sciences (France)
- Kieniewicz, Stefan* (1907, 1976) history (Poland)
- Kohlmey, Gunther* (1913, 1979) economics (GDR)
- Kolbenheyer, Tibor* (1917, 1979) geophysics (Czechoslovakia)
- Kolmogorov, Andrei Nikolayevich* (1903, 1965) mathematics (USSR)
- Kononov, Andrei Nikolayevich* (1906, 1973) Turkish studies (USSR)
- Kudryavtsev, Vladimir Nikolayevich* (1923, 1979) state law, jurisprudence (USSR)
- Kurti, Miklós* (1908, 1970) physics (United Kingdom)
- Larsen, Jens Peter* (1902, 1976) musicology (Denmark)
- Likhachov, Dimitri Sergeyeovich* (1906, 1973) Lenin prizewinner, history of literature (USSR)
- Lobanov, Pavel Pavlovich* (1902, 1976) agricultural economics (USSR)
- Lukič, Radomir* (1914, 1976) jurisprudence, sociology (Yugoslavia)
- Lwoff, André* (1902, 1970) Nobel prizewinner, cancer research (France)
- Mangini, Angelo* (1905, 1973) chemistry (Italy)
- Mazur, Stanislaw* (1905, 1953) mathematics (Poland)
- Mayrhofer, Manfred* (1926, 1973) linguistics (Austria)
- Melekov, Ivan Stepanovich* (1905, 1979) forestry, forest topology (USSR)
- Milcu, Stefan* (1903, 1970) endocrinology, human biology (Romania)
- Mortier, Roland* (1920, 1979) literature, comparative literary history (Belgium)
- Mothes, Kurt* (1900, 1964) biochemistry (GDR)
- Murgulescu, Ilie G.* (1902, 1973) physical chemistry (Romania)

- Myrdal, Karl Gunnar* (1898, 1976) Nobel prizewinner, economics (Sweden)
- Nikolsky, Sergei Mihailovich* (1905, 1976) Lenin prizewinner, mathematics (USSR)
- Nowotny, Hans* (1911, 1965) physical chemistry (Austria)
- Okladnikov, Alexei Pavlovich* (1908, 1976) history, archaeology (USSR)
- Orłowski, Tadeusz* (1917, 1970) internal medicine, transplantation (Poland)
- Perrot, Jean* (1925, 1980) general and Finno-Ugrian linguistics (France)
- Petrascheck, Walther Emil* (1906, 1976) geology (Austria)
- Petrovsky, Boris Vasilyevich* (1908, 1965) Lenin prizewinner, surgery (USSR)
- Pólya, György* (1887, 1976) mathematics (USA)
- Pontryagin, Lev Semyonovich* (1908, 1973) mathematics (USSR)
- Prokhorov, Alexander Mihailovich* (1916, 1976) Lenin and Nobel prizewinner, physics (USSR)
- Pullman, Bernard* (1919, 1979) quantum biochemistry (France)
- Rapoport, Samuel M.* (1912, 1979) biochemistry (GDR)
- Rienäcker, Günther* (1904, 1960) inorganic chemistry (GDR)
- Rinner, Karl* (1912, 1976) geodesy (Austria)
- Roche, Jean* (1901, 1964) biochemistry (France)
- Rompe, Robert* (1905, 1960) plasma physics (GDR)
- Sabin, Albert B.* (1906, 1965) virology (USA)
- Sauvageot, Aurélien* (1897, 1979) linguistics, Uralic and Altaic languages (France)
- Savič, Pavle* (1909, 1970) physics (Yugoslavia)
- Seindlin, Alexander Yefimovich* (1916, 1979) energetics (USSR)
- Semyonov, Nikolai Nikolayevich* (1896, 1961) Nobel prizewinner, physical chemistry (USSR)
- Shackleton, Robert* (1919, 1979) history of literature (United Kingdom)
- Siforov, Vladimir Ivanovich* (1904, 1973) information theory, (USSR)
- Simon, Wilhelm* (1929, 1979) organic chemistry (Switzerland)
- Sinor, Denis* (1916, 1979) linguistics, Uralic and Altaic languages (USA)

- Sirendeb, Bazarin* (1912, 1964) history (Mongolia)
- Skryabin, Georgy Konstantinovich* (1917, 1981) microbiology (USSR)
- Soboul, Albert Marius* (1914, 1976) history (France)
- Stubbe, Hans* (1902, 1964) genetics (GDR)
- Stumpers, Frans Louis Henri Marie* (1911, 1979) information theory (Holland)
- Szabó, T. Attila* (1906, 1977) linguistics (Romania)
- Szegő, Gábor* (1895, 1965) mathematical analysis (USA)
- Szent-Györgyi, Albert* (1893, 1945) Nobel prizewinner, biochemistry (USA)
- Tihonov, Andrey Nikolayevich* (1906, 1979) mathematics (USSR)
- Trapeznikov, Vadim Alexandrovich* (1905, 1967) electrical engineering (USSR)
- Trinh, Hô Ton (Hoang)* (1921, 1979) literature, sociology of literature (Vietnam)
- Vasoli, Cesare* (1924, 1976) philosophy, cultural history (Italy)
- Vavilov, Pyotr Petrovich* (1918, 1979) plant breeding (USSR)
- Vinogradov, Ivan Matveyevich* (1891, 1955) mathematics (USSR)
- Vogt, Marthe* (1905, 1981) pharmacology, physiology (United Kingdom)
- Voisine, Jacques René* (1914, 1979) comparative literature (France)
- Vuorela, Lauri A.* (1913, 1981) meteorology (Finland)
- Zhavoronkov, Nikolai Mihailovich* (1907, 1970) chemical technology, inorganic chemistry (USSR)

THE ORGANIZATION AND OPERATION OF THE ACADEMY

During the past 150 years the rapid development of the sciences has demanded several reforms in the organization and management of the Academy. The present Statutes, which specify the operation of the Academy and its institutions, were passed by the General Assembly in 1979.

THE SCIENTIFIC BODIES

The organization of the Academy resembles a pyramid. At the top is the General Assembly, whose annual plenary sessions are attended by all Hungarian members. The first session was held in 1831, the 142st in 1982 (after the quashing of the War of Independence of 1848—49, the Assembly was not allowed to meet until 1857). The annual sessions of the General Assembly are important events in Hungary's cultural and scientific life. The President's and the Secretary-General's reports are discussed, the tasks for the following period are assigned and the science policy directives relating to the workings of the Academy are passed by the Assembly. It is at this level that the new members are elected, the officials are chosen (every five years), and recommendations are made to the Council of Ministers as to the persons of the Secretary-General and the Deputy Secretaries-General.

When the Assembly is not sitting, the continuous operation of the Academy is directed by a presidium, whose members are the President, the Vice-Presidents, the Secretary-General, the Deputy Secretaries-General, the elected members of the presidium, the presidents of the scientific sections and the president of the Academic Degree Committee. This body has monthly meetings to decide on important questions of principle and science policy in almost all areas of concern to the country's scholars, from the analysis of the position and tasks of the different branches of science to the matters of publications and international relations. Middle- and long-range scientific plans are discussed, and proposals are made relating to important scientific problems and questions of science policy. In accord with the national importance of the Academy, the presidium takes part, upon request, in working out the country's economic policy. Lately important practical problems have often become items on the agenda. From time to time, the presidium holds its monthly consultations at an industrial or agricultural plant, at a research institute or university. The presidium itself is, of course, unable to get an overview of all the fields of research and all their ramifications. It relies on specialists organized into scientific sections and their committees, but permanent and ad hoc presidential committees are also set up for especially important problems requiring a more complex approach.

The members of the Academy are organized into scientific sections by individual or closely-related disciplines. The sections pay close attention to all the important questions and developments related to their areas of science, and supervise the research activities of the institutes. They deal with the problems of scholar training, organize scientific conferences, and have a say in the appointment of university professors, lecturers

and teachers, and in what journals and books will appear. The sections make recommendations to the Presidium in the awarding of decorations, and make proposals to the Assembly as to the new members of the Academy. The sections also choose the members of the committees, and the editorial boards of the journals of the Academy, and cooperate with the Learned Societies. The changes in the number of the sections and in the areas they deal with clearly reflect the main trends in the development of the sciences, but reflect also the alterations in the government's science policy. Instead of the original 6 sections, for instance, there have been 10 since 1965; together, they cover all important areas of modern science. The sections elect their presidents and vice-presidents by secret ballot every five years.

The sections' work as professional supervisory bodies relies on a wide network of committees. On the committees we find the members of the Academy as well as some of the most outstanding of the researchers and experts in the given area. They meet regularly to deal with the problems that crop up in their areas, keep abreast of the new research trends and coordinate the work of the various disciplines. Lately several "complex" committees have been established. The Academy's altogether 220 permanent committees have about 2,500 members; there are 10 international committees, and more than 80 Hungarian national committees representing different international organizations. The Corporate Scientific Secretariat and the smaller sectional secretariats operating under its auspices see to the preparations and organization necessary for the working of the Academy.

THE PRESIDIUUM

H-1051 Budapest, Roosevelt tér 9.; Tel. 113-400

President: János Szentágothai

Secretary-General: Lénárd Pál

Vice-Presidents: Zsigmond Pál Pach
Károly Polinszky
András Somos

*Deputy
Secretaries-General:* Béla Köpeczi
István Láng

*Members elected
by the Assembly:* Gyula Eörsi
József Fülöp
Zsuzsa Hollán
Ferenc Márta
Ernő Nemezc
János Prohászka
Brunó F. Straub
Kálmán Szabó
Béla Szőkefalvi-Nagy
Pál Tétényi
József Ujfalussy

*The elected presidents
of the scientific
sections:*

Mihály Beck
Iván T. Berend
Ottó P. Geszti
Kálmán Kulcsár
Ferenc Martos
Gábor Petri
Miklós Szabolcsi
István Tamássy
Imre Tarján
József Tigyi

*The President
of the Academic
Degree Committee:* Albert Kónya

THE PRESIDENTIAL COMMITTEES

Presidential Committee for Interdisciplinary Problems

President: Sándor Szalai, M.

Committee for Education

President: Ákos Császár, M.

Committee for International Relations

President: Károly Polinszky, M.

Social Committee

President: András Somos, M.

There are five regional Presidential Committees for the whole of Hungary:

The Debrecen Academic Committee

President: Rezső Bognár, M.

H-4015 Debrecen, Thomas Mann u. 49.; Tel. 12-177

The Miskolc Academic Committee

President: János Zambó, M.

H-3515 Miskolc, Egyetemváros; Tel. 13-691

The Pécs Academic Committee

President: Ottó Bihari, M.

H-7624 Pécs, Jurisics Miklós u. 28.; Tel. 14-684

The Szeged Academic Committee

President: Béla Szőkefalvi-Nagy, M.

H-6720 Szeged, Somogyi Béla u. 7.; Tel. 12-586

The Veszprém Academic Committee

President: Ernő Nemezc, M.

H-8200 Veszprém, Tolbucin u. 38.; Tel. 11-251

Joint Committees with Other Authorities

MTA Intercosmos Council

President: Lénárd Pál, M.

MTA-OVH Committee for Water Conservation

President: László Cselőtei, M.

THE SCIENTIFIC SECTIONS OF THE ACADEMY

I. Linguistics and Literary Studies Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 175-771

Branches of science pertaining to the section: literature (Hungarian and world literature, theory of literature, historical bibliography, documentation), classical and modern philology, ethnography, linguistics (Hungarian, Finno-Ugric, Slavonic studies, general linguistics), Oriental studies, musicology (folk music, history of music).

President: Miklós Szabolcsi, M.

Vice-President: János Harmatta, M.

Coordinating Secretary: Sándor Patyi

II. Philosophy and Historical Sciences Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 172-439

Branches of science pertaining to the section: archaeology, education, history, art history, philosophy, psychology.

President: Iván T. Berend, M.

Vice-President: András Mócsy, M.

Coordinating Secretary: Miklós Stier

III. Mathematics and Physical Sciences Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 175-625

Branches of science pertaining to the section: astronomy, physics, mathematics.

President: Imre Tarján, M.

Vice-President: László Leindler, M.

Coordinating Secretary: Lajos Dobos

IV. Agricultural Sciences Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 173-038

Branches of science pertaining to the section: agrarian history, agricultural chemistry and soil science, veterinary medicine, animal husbandry, forestry, horticulture, agricultural engineering, agricultural plant management, agri-

cultural water-supply engineering, plant breeding, improvement and protection.

President: István Tamássy, M.

Vice-President: Ernő Csizmadia, M.

Coordinating Secretary: Tibor Jankovits

V. Medical Sciences Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 174-124

Branches of science pertaining to the section: dentistry, dermatology, dietetics, epidemiology, forensic medicine, hygienics, immunology, internal medicine, medical organization, micro-biology, labour hygiene, neurology and psychiatry, obstetrics and gynaecology, oncology, operative surgery, orthopaedics, ophthalmology, otolaryngology, pathology, patho-physiology, pharmacology, parasitology, paediatrics, radiology, surgery, urology, virology.

President: Gábor Petri, M.

Vice-President: István Nász, C. M.

Coordinating Secretary: László Romics

VI. Technical Sciences Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 172-591

Branches of science pertaining to the section: architecture, automation, computer technology, electrotechnics, engineering, geotechnology, hydrology and water economy, history of architecture, material science, metallurgy, nuclear technology, settlement planning, systems engineering, technical mechanics, technical physics, telecommunications, transport and communication, thermo-technics and thermal energetics.

President: Ottó P. Geszti, M.

Vice-President: János Szabó, M.

Coordinating Secretary: Gyula Czeglédi

VII. Chemical Sciences Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 173-476

Branches of science pertaining to the section: analytical chemistry, food chemistry, inorganic chemistry, macromolecular chemistry, organic chemistry, physical chemistry, radio-chemistry, technical chemistry.

President: Mihály Beck, M.

Vice-President: Gyula Hardy, C. M.

Coordinating Secretary: Márta Takács neé Keszegh

VIII. Biological Sciences Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 172-796

Branches of science pertaining to the section: anatomy, animal physiology, anthropology, biochemistry, biophysics, botany, cytology, genetics, ecology, hydrobiology, histology, microbiology, morphology, neurobiology, plant physiology, zoology.

President: József Tigyi, M.

Vice-President: Tibor Jermy, C. M.

Coordinating Secretary: Gyula Dezső

IX. Economics and Law Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 173-096

Branches of science pertaining to the section: agrarian economics, demography, economics, industrial economics, jurisprudence and state law, political science, sociology, statistics, theory of organization, world economics

President: Kálmán Kulcsár, M.

Vice-President: Katalin Falus neé Szikra, C. M.

Coordinating Secretary: Gyula Metzger, C. Sc. (Economics)

X. Geological and Mining Sciences Section

H-1051 Budapest, Münnich F. u. 7.; Tel. 174-219

Branches of science pertaining to the section: geochemistry, geodesy, geography, geology, geonomy, geophysics, meteorology, mining.

President: Ferenc Martos, M.

Vice-President: Márton Pécsi, M.

Coordinating Secretary: Béla Nagy

Corporate Scientific Secretariat

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 172-282

Director: János Thész

THE LEARNED SOCIETIES OF THE HUNGARIAN ACADEMY OF SCIENCES

There are 103 learned societies or associations in Hungary. The following 15 are under the auspices of the Academy. (The dates in parentheses indicate the years of foundation.)

Kőrösi Csoma Társaság (Kőrösi Csoma Society, 1968)
H-1064 Budapest, Izabella u. 46.; Tel. 423-130

Magyar Földrajzi Társaság (Hungarian Geographical Society, 1872)
H-1062 Budapest, Népköztársaság útja 62.; Tel. 117-688

Magyar Irodalomtörténeti Társaság (Hungarian Society for Literary History, 1911)
H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 377-819

Magyar Közgazdasági Társaság (Hungarian Society of Economists, 1959)
H-1055 Budapest, Kossuth L. tér 2—4.; Tel. 128-085

Magyar Néprajzi Társaság (Hungarian Ethnographical Society, 1889)
H-1055 Budapest, Kossuth L. tér 12.; Tel. 326-340

Magyar Numizmatikai Társulat (Hungarian Numismatic Association, 1970)
H-1085 Budapest, Csepreghy u. 4.; Tel. 131-058

Magyar Nyelvtudományi Társaság (Hungarian Linguistic Society, 1903)
H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 376-819

Magyar Parazitológusok Társasága (Hungarian Society of Parasitologists, 1963)
H-1077 Budapest, Rottenbiller u. 50.; Tel. 224-244

Magyar Politikatudományi Társaság (Hungarian Society for Political Science, 1981)
H-1068 Budapest, Benczúr u. 33.; Tel. 214-830

Magyar Pszichológiai Társaság (Hungarian Society of Psychologists, 1962)

H-1124 Budapest, Meredek u. 1.; Tel. 260-663

Magyar Régészeti és Művészettörténeti Társulat (Hungarian Society of Archaeologists and Art Historians, 1878)

H-1088 Budapest, Múzeum krt. 14—16.; Tel. 134-400

Magyar Szociológiai Társaság (Hungarian Sociological Society, 1978)

H-1068 Budapest, Benczúr u. 33.; Tel. 214-830

Magyar Történelmi Társulat (Hungarian Historical Society, 1867)

H-1014 Budapest, Úri u. 51—53.; Tel. 160-160

Nemzetközi Magyar Filológiai Társaság (International Philological Society of Hungary, 1977)

H-1014 Budapest, Országház u. 30.; Tel. 160-160

Ókortudományi Társaság (Ancient History Association, 1958)

H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966

THE CENTRAL OFFICE OF THE ACADEMY

The Secretary-General of the Academy directs the administration of the Academy through the Deputy Secretaries-General and the Executive Secretary appointed by him. The two Deputy Secretaries-General supervise the institutes, departments and administrative units under their purview. The Executive Secretary coordinates the activities of the Central Office, is the administrative supervisor of all the departments, and directs the Department of Finance and the Administrative and Legal Department personally. The Council for Research Policy is an advisory body to the Secretary-General: it consists of the Deputy Secretaries-General, the heads of the major institutes of the Academy, the Executive Secretary, and representatives of the Ministries and other authorities.

- Secretary-General:* Lénárd Pál, M.
Tel. 119-812
- Deputy Secretaries-General:* Béla Köpeczi, M.
Tel. 113-868
István Láng, C. M.
Tel. 127-869
- Executive Secretary:* Sándor Kónya, C. Sc. (History)
Tel. 314-379

H-1051 Budapest, Roosevelt tér 9.; Tel. 113-400

Department of Natural Sciences

Department Head: István Teplán, D. Sc. (Chemistry)

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 175-973

Department of Social Sciences

Department Head: Ferenc Rottler

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 172-917

Administrative and Legal Department

Department Head: László Sáy

H-1051 Budapest, Rooseveltt tér 9.; Tel. 314-784

Research Organization Department

Department Head: László Müller

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 173-117

Department of International Relations

Department Head: József Bocskai, C. Sc. (Agriculture)

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 172-575

Department of Finance

Department Head: István Csomó

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 174-078

Personnel Department

Department Head: Barna Gujdi

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 173-510

Corporate Scientific Secretariat

Director: János Thész

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 172-282

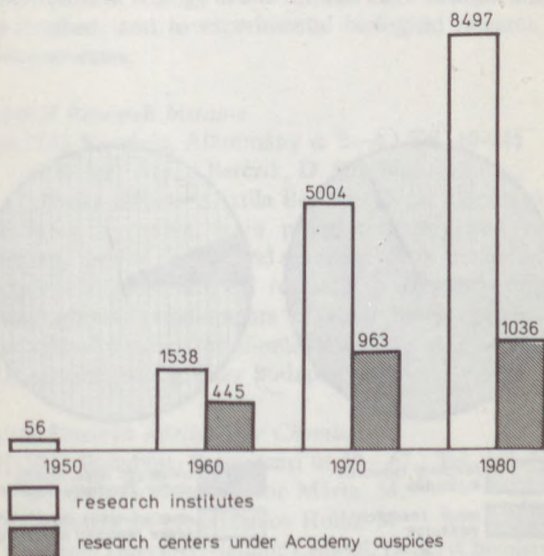
The Secretariat of the Academic Degree Committee

Secretary: Béla Tóth

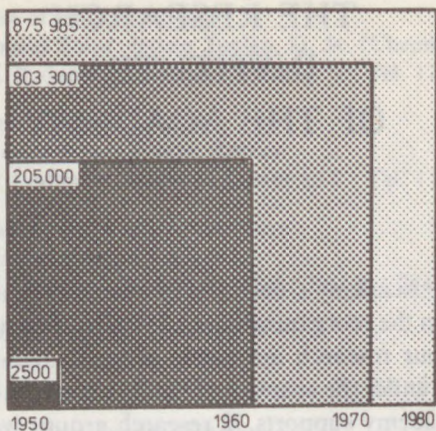
H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 173-901

THE RESEARCH INSTITUTES OF THE ACADEMY

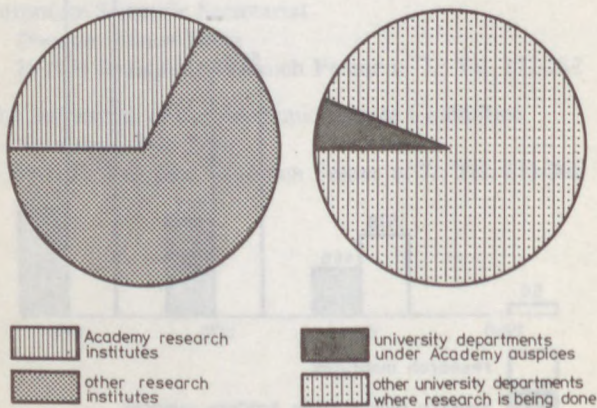
The Academy's network of research centers took shape in the reorganization of 1949. In 1950, it still had only four research institutes; presently, 36 institutes belong under the auspices of the Academy. In addition, the Academy supports 72 research groups working at other research centers. In 1980, 9,533 people were employed in the Academy's institutes, 2,903 of them as researchers. The Academy employs about 12% of the country's research scholars, and disposes over 14—15% of the government funds available for research.



The increase in the number of the Academy's employees



The increasing amounts invested in the Academy's research centers (in thousands of forints)



The Academy's research centers as a ratio of Hungary's research network

THE NATURAL SCIENCES

INSTITUTES

Agricultural Research Institute

H-2462 Martonvásár, Pf. 29.; Tel. 45-774

Director: Béla Győrffy, C. Sc. (Agriculture)

Deputy Director: László Balla, D. Sc. (Agriculture)

The Institute and its experimental farms are centers of research on the genetics, physiology and breeding especially of Hungary's main cash crops, wheat and corn, and work out the technology of the practical use of hybrid seeds.

Balaton Research Institute for Limnology

H-8237 Tihany; Tel. 44-081

Director: János Salánki, C. M.

Deputy Director: Péter Biró, C. Sc. (Biology)

Devoted to: research in hydrobiology, ecology and environment biology in and around Lake Balaton and its watershed; and to experimental biological research on invertebrates.

Botanical Research Institute

H-2163 Vácrátót, Alkotmány u. 2—4.; Tel. 10-945

Director: Árpád Berczik, D. Sc. (Biology)

Deputy Director: Attila Borhidi, D. Sc. (Biology)

Devoted to: research in phytogeography and plant ecology, and to the use and maintenance of the botanical gardens; hydrobiological research in keeping with the international requirements of environment protection along the Danube. Coordinates the efforts at environmental protection in greater Budapest.

Central Research Institute for Chemistry

H-1025 Budapest, Pusztaszeri út 59—67.; Tel. 353-735

Director-General: Ferenc Márta, M.

Scientific Director: János Holló, M.

Deputy Directors: Sándor Lengyel, D. Sc. (Chemistry);

László Ötvös, D. Sc. (Chemistry)

Devoted to: basic research in organic, physical and macromolecular chemistry, and the research of chemical structures, with particular reference to projects requiring special equipment.

Central Research Institute for Physics

H-1121 Budapest, Konkoly-Thege út 29—33.; Tel. 166-540

Director-General: Ferenc Szabó, C. M.

Deputy Directors: Dezső Kiss, C. M.; Mihály Sándori, C. Sc. (Engineering)

Five main areas of research are pursued here in the center's five institutes.

Institute for Solid-State Research

Director: Norbert Kroó, D. Sc. (Physics)

Deputy Director: Kálmán Tompa, D. Sc. (Physics)

Devoted to: research in solid-state theory, in the physics of metals, in partly-ordered condensed materials (liquid crystals, organic conductors and amorphous semi-conductors), and laser and spectroscopy research. The research going on is distinguished by the combined application of nuclear and classical methods in investigating amorphous, partly-ordered and crystallized materials, and by the development of lasers for scientific and practical purposes.

Research Institute for Measurement and Computing Techniques

Director: Miklós Szalay

Deputy Director: György Vashegyi

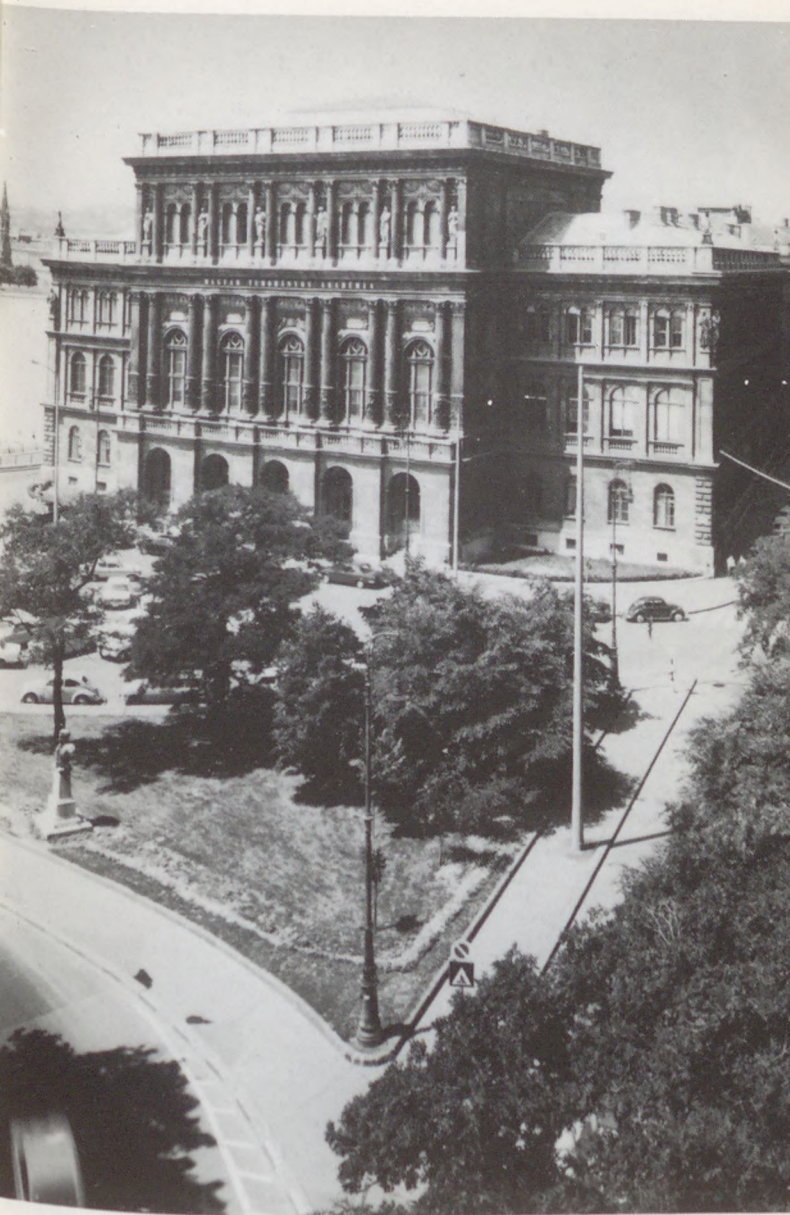
Devoted to: research in measuring, data-collecting and data-processing systems including small computers, the investigation and development of their hardware and software, the practical application of these research results.

Research Institute for Microelectronics

Director: Emil Krén, C. Sc. (Physics)

Deputy-Director: Éva Kisdi neé Koszó, C. Sc. (Physics)

Devoted to: the investigation of MOS LSI circuits, of magnetic bubble memories, the working out and



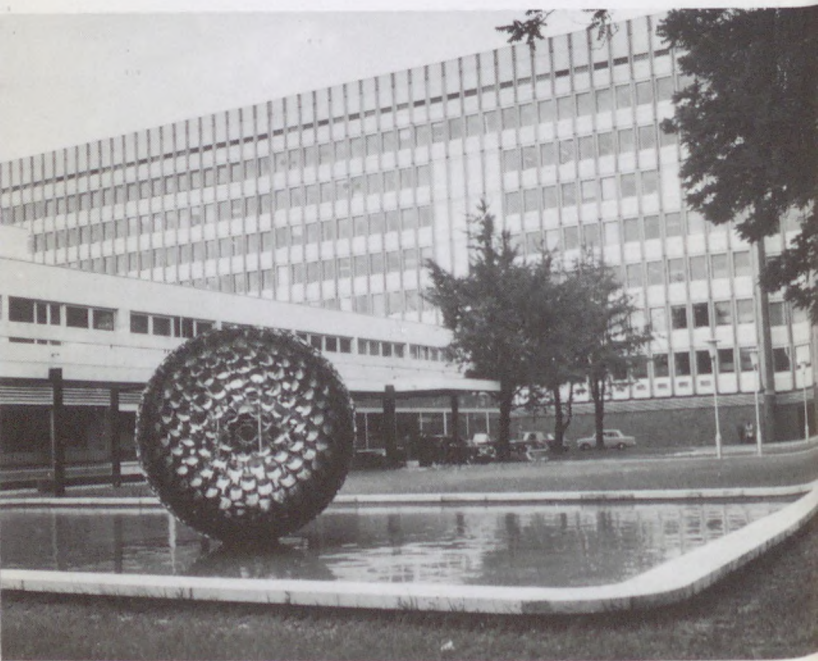
The Hungarian Academy of Sciences
(Photo: Tamás Németh)



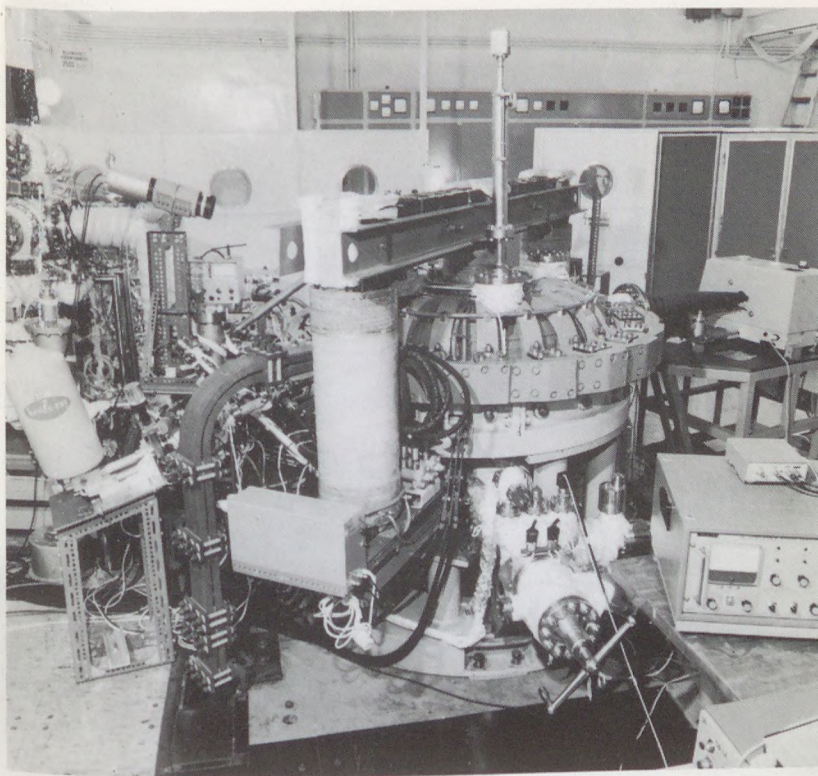
The Congress Hall in Buda Castle
(Photo: Tamás Fényes)



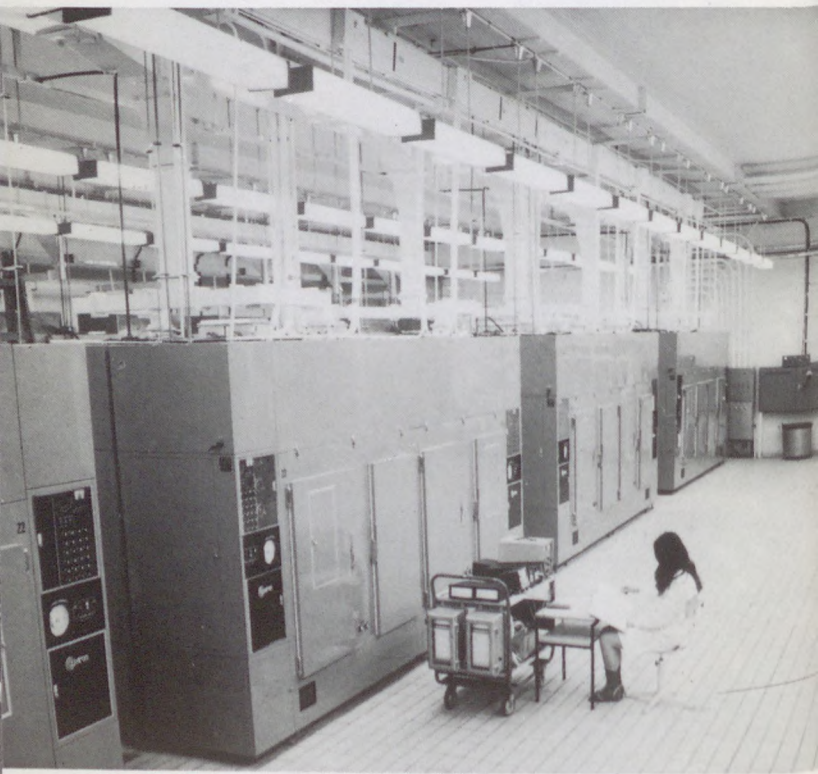
The Academy's research center on Budaörsi út



The Biological Research Center in Szeged
(Photo: Béla Duska)



The tokamak at the Central Research Institute
for Physics



The phytotron set up in the Agricultural
Research Institute at Martonvásár
(Photo: Csaba Jászai)



The Central Research Institute for Chemistry

application of methods for computerized mask-making and circuit-planning, as well as the development of technical equipment, and basic research in microelectronics. Basic research is being done in the implantation of semi-conductors, in the analysis of thin layers and in domain physics.

Research Institute for Nuclear Energy

Director: Zoltán Gyimesi

Deputy Director: Zoltán Szatmáry, C. Sc. (Physics)

Devoted to: research in reactor physics, reactor-thermohydraulics, reactor-electronics and radiation protection.

Research Institute for Particle and Nuclear Physics

Director: Károly Szegő, C. Sc. (Physics)

Deputy Director: Gyula Bencze, D. Sc. (Physics)

Devoted to: investigating the mechanism of the interactions of high-energy particles, and the inner structure of elemental particles; research on the astrophysical effects of cosmic rays, and in low-energy nuclear physics.

Computer and Automation Research Institute

H-1111 Budapest, Kende u. 13—17.; Tel. 665-644

Director: Tibor Vámos, M.

Deputy Directors: János Gertler, D. Sc. (Engineering);

Péter Bakonyi, C. Sc. (Engineering); Előd Knuth,

C. Sc. (Mathematics)

Devoted to: automated computer analysis of electronic, mechanical-engineering, chemical-industrial, metallurgical and non-industrial systems. Research in those branches of mathematics on which data processing is based, which have practical application and require the use of a computer. The above systems research is based on complicated software apparatus and methods, on research into the mathematical methods of data processing, and other methods of computation and automation.

Geodetical and Geophysical Research Institute

H-9400 Sopron, Múzeum u. 6—8.; Tel. 11-290

Director: József Somogyi, D. Sc. (Engineering)

Deputy Director: Antal Ádám, D. Sc. (Engineering)
Devoted to: basic research of national importance in geodesy and geophysics; the maintenance of the necessary observatories and the working out of scientific means and methods.

Geographical Research Institute

H-1062 Budapest, Népköztársaság útja 62.; Tel. 317-325

Director: Márton Pécsi, M.

Deputy Director: Sándor Marosi, D. Sc. (Geography)

Devoted to: the methods and principles of general and regional geography, the research and evaluation of the country's natural resources.

Institute of Experimental Medicine

H-1083 Budapest, Szigony u. 43.; Tel. 331-970

Director: Ervin Stark, M.

Deputy Directors: Gyula Deák, D. Sc. (Chemistry); Szilveszter E. Vizi, D. Sc. (Medicine)

Devoted to: research in neuroendocrinology, the pharmacology of peptides of neural and hypophysial origin affecting the central nervous system, and the examination of their metabolism and biological value.

Institute of Mathematics

H-1053 Budapest, Reáltanoda u. 13—15.; Tel. 182-399

Director: László Fejes-Tóth, M.

Deputy Director: Tamás Schmidt, D. Sc. (Mathematics)

Devoted to: research in pure and applied mathematics, in mathematical logic, set theory, algebra, complex function theory, differential equations, approximation theory, topology, probability calculus, information theory, mathematical statistics, geometry and the history of mathematics.

Institute of Nuclear Research

H-4026 Debrecen, Bem tér 18/c.; Tel. 17-266

Director: Dénes Berényi, C. M.

Deputy Director: Bálint Schlenk, C. Sc. (Physics)

Devoted to: basic research in nuclear physics; the application of the methods of nuclear physics in the other

sciences and in practice; the development of the necessary means and methods of basic and applied research.

Isotope Institute

H-1525 Budapest, Pf. 77.; Tel. 166-540

Director: Árpád Veres, D. Sc. (Physics)

Devoted to: research and development in modern nuclear technology; research in radiochemistry, physical chemistry and petrochemistry; the processing of isotope preparations; the nationwide distribution and registration of radiating and fissile materials.

Natural Science Research Laboratories

H-1112 Budapest, Budaörsi út 43—45.; Tel. 850-777

Director: Tamás Székely, D. Sc. (Chemistry)

Geochemical Research Laboratory

Scientific Director: György Pantó, D. Sc. (Soil Science)

Devoted to: the research of complex geochemical and mineralogical processes in the formation and concentration of the important mineral resources of Hungary.

Inorganic Chemistry Research Laboratory

Scientific Director: Tamás Székely, D. Sc. (Chemistry)

Devoted to: the investigation of solids, and research in macromolecular chemistry.

Physical Mineralogy Research Laboratory

Scientific Director: Rudolf Voszka, D. Sc. (Physics)

Devoted to: the production and study of monocrystals and layers of materials with a wide forbidden gap; research on the borderline of solid-state physics and biophysics.

Biophysical Research Laboratory

H-1088 Budapest, Puskin u. 9.; Tel. 341-132

Scientific Director: Imre Tarján, M.

Devoted to: the investigation of the relationship of structure and function in macromolecular systems.

Observatory

H-1121 Budapest, Konkoly-Thege út 13—17.;

Tel. 166-506

Director: Béla Szeidl, C. Sc. (Physics)

Devoted to: basic research in astronomy, to explore the special laws at work in the Universe; the application of the results in other sciences (physics, geosciences, etc.) and in different areas of the national economy, here particularly by reporting on solar activity; research on the implications of astronomy for a materialist view of the world.

Research Institute for Plant Protection

H-1022 Budapest, Herman Ottó út 15.; Tel. 151-460

Director: Zoltán Király, M.

Executive Director: Gyula Benke

Devoted to: the investigation of the scientific bases of protection from the pathogens, parasites, and weeds affecting agriculture and horticulture; studies in agricultural entomology, phytopathology, pathology, parasitology, biochemistry, and pesticide chemistry.

Research Institute for Soil Science and Agricultural Chemistry

H-1022 Budapest, Herman Ottó út 15.; Tel. 158-283

Director: György Várallyay, C. Sc. (Agriculture)

Deputy Director: István Búzás, C. Sc. (Agriculture)

Devoted to: research in soil genesis, soil taxonomy and geography; the investigation of the causes of erosion, the methods of prevention and of reclamation; the study of the problems of agricultural chemistry and soil microbiology that come up in practice.

Research Institute for Technical Chemistry

H-8201 Veszprém, Schönherz Z. u. 12.; Tel. 13-016

Director: Tibor Blickle, D. Sc. (Chemistry)

Deputy Director: János Gyenis, C. Sc. (Chemistry)

Devoted to: basic and applied research in technical chemistry, and the investigation of technical-chemical operations, processes and equipment using systems theory.

Research Institute for Technical Physics

H-1047 Budapest, Fóti út 56.; Tel. 692-100

Director: Elemér Nagy, C. M.

Deputy Director: Iván Szép, D. Sc. (Engineering)

Devoted to: basic and applied research in space-centered and high-melting metals, the investigation of the physics and technology of semi-conductors and solid-state dielectrics; research in material structure, with special regard to the needs of modern illuminant manufacturing and illuminating engineering, of the electronics industry and metallurgy.

Research Institute for Veterinary Medicine

H-1143 Budapest, Hungária krt. 21.; Tel. 842-115

Director: János Mészáros, M.

Deputy Directors: Béla Lomniczi, C. Sc. (Veterinary Medicine); László Pesti, D. Sc. (Veterinary Medicine)

Devoted to: research in veterinary microbiology, immunology, pathology, parasitology; the publication of research results to encourage their practical application.

Research Laboratory for Mining Chemistry

H-3515 Miskolc-Egyetemváros, Pf. 2.; Tel. 18-899

Director: József Tóth, D. Sc. (Chemistry)

Devoted to: research on the physical and chemical problems of the extraction of liquids and solids in the mining, processing, and use of minerals.

Szeged Biological Research Center

H-6726 Szeged, Odesszai krt. 62.; Tel. 13-911

Director-General: Lajos Alföldi, C. M.

Executive Director: János Sándor

The Research Center, which specializes in bioregulation and related phenomena, comprises five institutes; one of them, the Institute of Enzymology, is located in Budapest.

Institute of Biochemistry

Director: Mária Wollemann, D. Sc. (Medicine)

Deputy Director: Pál Venetiáner, D. Sc. (Biology)

Devoted to: basic research in nucleic acids, proteins and lipids at different levels of organization; the study of their compounds; research in gene technology, and its application.

Institute of Biophysics

Director: Lajos Keszthelyi, C. M.

Deputy Director: Norbert Halász, C. Sc. (Biology)

Devoted to: basic research in membrane and transport phenomena and in neurobiology.

Institute of Genetics

Director: Lajos Alföldi, C. M.

Deputy Director: István Raskó, C. Sc. (Biology)

Devoted to: basic research in the problems of heredity; the study of the processes regulating and influencing hereditary traits in molecules and at different levels of organization.

Institute of Enzymology

H-1113 Budapest, Karolina út 29.; Tel. 665-633

Director: Bruno F. Straub, M.

Deputy Director: Tamás Keleti, C. M.

Devoted to: basic research in the molecular working and regulation of enzymes and their compounds; the investigation of the structure of proteins and polypeptides; the development of research methods and their scientific basis.

Institute of Plant Physiology

Director: Gábor Farkas, M.

Deputy Director: Ferenc Solymosy, D. Sc. (Biology)

Devoted to: the investigation on the molecular and other organizational levels of plant nucleic acids and their metabolism; the study of plant proteins (enzymes), photosynthesis, plant cell genetics and plant virology.

ACADEMY RESEARCH GROUPS
ATTACHED TO UNIVERSITIES

*Hungarian Academy of Science — Semmelweis University of
Medicine Joint Research Organization*

H-1082 Budapest, Üllői út 78/a.; Tel. 135-220

Rector: Prof. Dr. Ferenc Antoni, C. M.

Secretary: János Menyhárt, D. Sc. (Medicine)

The research organization, founded in 1979, studies the mechanisms regulating the vital processes, aims to discover the nature of the malfunctionings that cause illness, and carries on basic and applied research aimed at the elaboration of new diagnostic and therapeutic procedures, and at the discovery of new medicines.

Section for Clinical Biochemistry and Cytology

H-1082 Budapest, Üllői út 78/a.; Tel. 135-220

Director: János Menyhárt, D. Sc. (Medicine)

Field of research: the isolation of natural materials regulating the metosis frequency of eucaryote cells and the proliferation of mammary tissue, the study of their characteristics and action; research in the biological effects of nitrogenous metabolites of small and medium molecular weight, and the enzymatic mechanisms regulating their action.

*Section for Clinical Immunology, Nephrology and
Endocrinology*

H-1088 Budapest, Szentkirályi u. 46.; Tel. 340-558

Director: Gyula Petrányi, M.

Field of research: basic research in clinical immunology and its practical applications; the investigation of the regulation of aldosterone and corticosteroid production and its patho-physiological role; the study of the regulation of cardiac and coronary activity, and of the kidney's functioning.

Section for Microbiology and Virology

H-1089 Budapest, Nagyvárad tér 4.; Tel. 136-829

Director: István Nász, C. M.

Field of research: the mechanism and gene-products of biosynthesis in DNS-infected eucaryote cells; the immunological background and action of adeno and herpes virus infections.

Section for Molecular Pathology

H-1085 Budapest, Üllői út 26.; Tel. 334-931

Director: Károly Lapis, M.

Field of research: the mechanisms regulating the proliferation and differentiated functioning of normal and pathologic cell-populations; the investigation of the external factors influencing these mechanisms.

Section for Neurobiology

H-1094 Budapest, Tűzoltó utca 58.; Tel. 335-921

Director: János Szentágothai, M.

Director in Charge: József Hátori, D. Sc. (Biology)

Field research: the structural-functional analysis of neuron networks; the biology of synapses and of synaptogenetic processes.

Section for Neuroendocrinology

H-1094 Budapest, Tűzoltó utca 58.; Tel. 135-405

Director: Béla Halász, C. M.

Field of research: the investigation of neuroendocrinological mechanisms of the functional structure of lymphoepithelial organs; the analysis of the mechanisms of neuronal protein transport.

Section for Peptide Chemistry and Membrane Biology

H-1088 Budapest, Puskin u. 9.; Tel. 340-789

Director: Ferenc Antoni, C. M.

Field of research: the investigation of the nucleic-acid and protein synthesis of stimulated and non-stimulated lymphocytes; research on the relationship of the structural effects, metabolism and biosynthesis of peptide hormones, with special regard to LH—RH analogues; the study of the carrier mechanisms and receptors of biomembranes and of the molecular action of cyclic nucleotides.

Section for Psycho-Neuropharmacology

H-1089 Budapest, Nagyvárad tér 4.; Tel. 137-015

Director: József Knoll, M.

Field research: experiments with anodynes and phenylalkylamine, prostaglandin and cellulose derivatives; the investigation of the physiology of learning and memory, and the effects of drugs on these processes.

Research Group for Alkaloid Chemistry

H-1111 Budapest, Gellért tér 4.; Tel. 452-178

Director: Károly Lempert, M.

Field of research: the investigation of nitrogenous heterocycles, alkaloids, flavonoids and prostaglandins; the study of organic photochemical reactions.

Research Group for Analytic Industrial Chemistry

H-8201 Veszprém, Schönherz Z. u. 10.; Tel. 12-550

Director: János Inczédy, D. Sc. (Chemistry)

Field of research: research in the chemical and physical bases of separation techniques; the development of chemical, optical and thermal analytic procedures for the description of the composition of soil, water and air.

Research Group for Antibiotic Chemistry

H-4010 Debrecen, Dóczy József u. 5.; Tel. 16-666

Director: Rezső Bognár, M.

Field of research: the study of the synthesis, structure and reactions of antibiotics, carbohydrates and flavonoids.

Research Group for Applied Analytic Chemistry

H-1111 Budapest, Gellért tér 4.; Tel. 664-705

Director: Ernő Pungor, M.

Devoted to: research in electroanalysis, thermoanalysis, spectrochemistry, separation techniques and radioanalysis; the development of methods of automatic analysis, and of the data processing of analytic results; research in the history of chemistry.

Research Group for Applied Mechanics

H-1111 Budapest, Műgyetem rkp. 3.; Tel. 664-242

Director: Géza Petrasovits, D. Sc. (Engineering)

Field of research: the study of the statics and dynamics of flexible and plastic supporting and continuous structures; experimental and theoretical investigation of the interplay of forces in supporting structures; modern dimensioning; research in soil mechanics; the study of the interactions between the soil and the structures.

Research Group for Automaton Theory

H-6720 Szeged, Somogyi Béla u. 7.; Tel. 11-280

Director: Ferenc Gécseg, D. Sc. (Mathematics)

Field of research: basic research in automaton theory and computer techniques; research on the practical application of data processing.

Research Group for Biophysics

H-7624 Pécs, Szigeti út 12.; Tel. 14-017

Director: József Tigyi, M.

Field of research: the investigation of the structure, role, transport and regulation of the waters of biocomplexes; the study of the mechanism of basic radiobiological processes; the study of nerve and muscle response as an electronbiological process, and of the mechanism of muscular activity.

Research Group for Chemical Technology

H-1111 Budapest, Műegyetem rkp. 3.; Tel. 666-615

Director: István Rusznák, D. Sc. (Chemistry)

Field of research: the study of natural and artificial fibrillate materials; the study of heterogenous catalytic procedures and catalysts; research in the synthesis of medicines and plant protectives.

Research Group for Geology

H-1088 Budapest, Múzeum krt. 4/a.; Tel. 334-945

Director: József Fülöp, M.

Field of research: the compilation of a comprehensive geology of Hungary.

Research Group for Information Theory and Electronics

H-1111 Budapest, Stoczek u. 2.; Tel. 665-011

Director: Sándor Csibi, C. M.

Field of research: basic and applied research in data processing and information theory.

Research Group for Luminescence and Semiconductors

H-6720 Szeged, Dóm tér 9.; Tel. 11-154

Director: István Ketskeméty, D. Sc. (Physics)

Field of research: laser physics.

Research Group for Metal Technology

H-1111 Budapest, Goldmann Gy. tér 3.; Tel. 452-194

Director: János Prohászka, M.

Field of research: the development of specially-structured materials, particularly for tools; fracture theory, and research in welding.

Research Group for Neurophysiology

H-7624 Pécs, Szigeti út 12.; Tel. 14-017

Director: Endre Grastyán, C. M.

Field of research: the study of the motivation and reinforcement mechanisms of behaviour; the analysis of certain metabolic processes of the central nervous system in children, adolescents and adults; the study of the endocrine neural and humoral systems influencing the adaptation and reproduction of the organism.

Research Group for Peptide Chemistry

H-1088 Budapest, Múzeum krt. 4/b.; Tel. 136-660

Director: Árpád Kucsman, D. Sc. (Chemistry)

Field of research: the study of the synthesis and effects of biologically active macromolecules, with special reference to natural polypeptides; the investigation of the structure and reactivity of sulpho-organic compounds.

Research Group for Petrochemistry

H-8201 Veszprém, Schönherz Z. u. 12.; Tel. 12-550

Director: László Markó, C. M.

Field of research: the study of the homogenous catalytic reactions of hydrocarbons and their derivatives; the study of asymmetrical homogenous catalysis; the production and complex chemical examination of transitional ferro-organic homogenous catalysts.

Research Group for Reaction Kinetics

H-6720 Szeged, Rerrich Béla tér; Tel. 11-622

Director: Frigyes Solymosi, C. M.

Field of research: the study of reactions on solid—gas interfaces; gas and fluid-phase catalytic reactions in hydrocarbons and their derivatives; the investigation of the structure and reactions of inorganic and complex compounds; the study of electrode reactions; analytical research.

Research Group for Soil Zoology

H-1088 Budapest, Puskin u. 3.; Tel. 335-370

Director: János Balogh, M.

Field of research: the study of matter annihilation and energy flow in the soil, with special reference to the autolysis of organic materials and the zoogenic phase of the biological cycle; soil research in the green belts and conservation areas of greater Budapest to promote optimal planning.

Task Force for Irrigation

H-2103 Gödöllő, Péter Károly u. 1.; Tel. 1

Director: László Cselőtei, M.

Field of research: the study of the growth and development of vegetables in various ecological environments; experiments in plant irrigation; the examination of the fundamental regularities of plants' use of water.

THE SOCIAL SCIENCES

INSTITUTES

Archaeological Institute of the Hungarian Academy of Sciences

H-1014 Budapest, Úri u. 49.; Tel. 160-160

Director: Sándor Bökönyi, D. Sc. (Biology)

Field of research: comparative archaeological studies using the most modern methods and techniques; the development and use of interdisciplinary methods.

Ethnographical Research Group of the Hungarian Academy of Sciences

H-1014 Budapest, Országház u. 30.; Tel. 360-755

Director: Tibor Bodrogi, C. Sc. (History)

Deputy Director: Ildikó Kriza, C. Sc. (Literature)

Field of research: the study of lifestyles, material culture and culture in Hungary; the investigation of the historical, ethnic and social factors of culture and their inter-relationships, with special reference to the rapid changes in the lifestyle of the peasantry of today; comparative ethnography, with special attention to the European constituents of Hungarian popular culture; the regional and thematic coordination of the ethnographic projects in progress in Hungary.

Institute for Law and Administrative Sciences of the Hungarian Academy of Sciences

H-1014 Budapest, Országház u. 30.; Tel. 352-159

Director: István Kovács, M.

Deputy Directors: Gyula Eörsi, M., József Halász, C. Sc. (Jurisprudence)

Field of research: the development of Marxist political science and law; research in Hungarian legal theory, with special reference to statutory law, civil law and administrative law; the analysis of political and legal developments in other, especially socialist countries.

Institute of Literary Studies of the Hungarian Academy of Sciences

H-1118 Budapest, Ménesi u. 11—13.; Tel. 451-156

Director: István Sőtér, M.

Deputy Director: Tibor Klaniczay, M.

Field of research: the history of Hungarian literature from its beginnings to the present; research in Marxist literary theory; literary criticism with a view to influencing cultural policy and contemporary literature; the comparative study of Hungarian and other literatures; source publications on the history of Hungarian literature, the editing of reference books and bibliographies.

Institute for Musicology of the Hungarian Academy of Sciences

H-1014 Budapest, Országház u. 9.; Tel. 161-208

Interim Director: Zoltán Falvi, D. Sc. (Music)

Deputy Director: László Vikár, C. Sc. (Music)

Field of research: world and Hungarian music history, folk music, folk dance; the coordination of studies in all other branches of musicology; the collection and publication of the relics of Hungarian music; stewardship over the heritage of Hungary's great musicians.

Institute for Philosophy of the Hungarian Academy of Sciences

H-1054 Budapest, Szemere u. 10.; Tel. 120-243

Director: József Lukács, M.

Deputy Director: Dénes Zoltai, D. Sc. (Philosophy)

Field of research: studies in Marxist-Leninist philosophy; the investigation of lifestyles and consciousness under socialism; the exploration of Hungary's philosophical heritage, with special regard to the oeuvre of György Lukács; studies in the philosophy of religion and political philosophy, and in the methodology of the social sciences.

Institute for Psychology of the Hungarian Academy of Sciences

H-1068 Budapest, Szondi u. 83—85.; Tel. 319-162

Director: Ferenc Pataki, C. Sc. (Pedagogy)

Deputy Directors: István Dancs, C. Sc. (Psychology), György Karmos, C. Sc. (Medicine)

Field of research: basic research in psychology and in the methods of experimental psychology; the practical appli-

cation of research results; studies in Hungary's social structure; the investigation of consciousness and lifestyles in Hungary, and of the mechanisms regulating psychological processes.

Institute of Historical Research of the Hungarian Academy of Sciences

H-1014 Budapest, Úri u. 51—53.; Tel. 160-160

Director: Zsigmond Pál Pach, M.

Deputy Directors: Ferenc Mucsi, C. Sc. (History); György Ránki, M.

Field of research: Hungarian and world history; the coordination of source publications in Hungarian history and of comprehensive histories and reference books; studies in the theory and methodology of historiography; the popularization of history in the effort to promote the development of a socialist historical consciousness.

Institute of Linguistics of the Hungarian Academy of Sciences

H-1014 Budapest, Szentháromság u. 2.; Tel. 161-410

Director: Péter Hajdú, M.

Deputy Director: Samu Imre, C. M.

Field of research: historical and descriptive studies in Hungarian and in the Uralic languages; theoretical and methodological research in general linguistics; studies in contemporary Hungarian usage; research in Hungarian and general phonetics and in applied linguistics.

Institute of Sociology of the Hungarian Academy of Sciences

H-1014 Budapest, Úri u. 49.; Tel. 160-160

Director: Kálmán Kulcsár, M.

Deputy Director: László Cseh-Szombathy, C. Sc. (Sociology)

Executive Director: István Kádár

Field of research: the investigation of the social processes shaping contemporary Hungarian society; studies in the theory and methodology of Marxist sociology.

Research Institute for Art History

H-1014 Budapest, Úri u. 62.; Tel. 160-160

Director: Nóra Aradi, D. Sc. (Art History)

Deputy Director: Ernő Marosi, D. Sc. (Art History)
Field of research: the history of fine arts in Hungary, theoretical and methodological studies; the coordination of the projected synthesis of the history of the arts in Hungary.

Research Institutes for Economics of the Hungarian Academy of Sciences

Director-General: József Bognár, M.

Institute of Economics of the Hungarian Academy of Sciences

H-1112 Budapest, Budaörsi út 43—45.; Tel. 850-777

Director: Aladár Sipos, M.

Deputy Director: Róbert Hoch, D. Sc. (Economics)

Executive Director: László Vargha

Field of research: the study of Marxist economic theory; the scientific grounding of Hungary's economic policy; the development of a theory of socialist economics; the Marxist analysis of capitalism, and the critique of bourgeois economic theory.

Institute for World Economics of the Hungarian Academy of Sciences

H-1124 Budapest, Kálló esperes u. 15.; Tel. 668-433

Director: József Bognár, M.

Deputy Director: Mihály Simai, C. M.

Field of research: the analysis and prognosis of the general, functional and sectoral problems of world economic development, with special regard to the interests of the Hungarian people's economy.

Research Institute for Industrial Economics of the Hungarian Academy of Sciences

H-1112 Budapest, Budaörsi út 43—45.; Tel. 850-777

Director: Zoltán Román, D. Sc. (Economics)

Field of research: industrial economics with special regard to the problems of socialist industrial development, its new trends and tasks; the working out of the theoretical foundations of Hungarian industrial policy.

West Hungarian Research Institute of the Hungarian Academy of Sciences

H-7601 Pécs, Kulich Gyula u. 22.; Tel. 12-755

Director: Ottó Bihari, M.

Executive Director: Ferenc Csefkó

Field of research: regional development and the social, economic and natural characteristics of regions and agglomerations (with special regard to Western Hungary) on the basis of studies in the social sciences, economy, sociology, ethnography, history, administrative law, political science and geography.

ACADEMY RESEARCH GROUPS ATTACHED TO UNIVERSITIES

Central and Eastern European Studies Center

H-1093 Budapest, Dimitrov tér 8.; Tel. 175-482

Director: Iván T. Berend, M.

Field of research: complex comparative studies in Central and Eastern European economic, social, and cultural history, with special reference to the period from the mid-18th to the mid-20th century; the initiation and coordination of such research throughout the country.

Research Group for Altaic studies

H-1064 Budapest, Izabella u. 46.; Tel. 423-130

Director: György Kara, D. Sc. (Linguistics)

Field of research: Ancient Mongolian language, literature, vocabulary and grammar; the publication of an etymological dictionary and a historical grammar; Turkish studies and research in Manchurian-Tungusian; the study of the Bulgarian and Turkish loanwords in Hungarian.

Research Group for Ancient History

H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966

Director: János Harmatta, M.

Field of research: antiquity, with special reference to history and ideology; the linguistic and historical analysis of Hungary's Latin literature; the compilation of a Dictionary of Hungarian Latin.

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INSTITUTE FOR RESEARCH ORGANIZATION
OF THE HUNGARIAN ACADEMY OF SCIENCES

H-1051 Budapest, Münnich F. u. 18.; Tel. 313-161

Director: Lajos Szántó, C. Sc. (Economics)

Deputy Director: Márton Tolnai

The Institute has the task of collecting and processing the data on the basis of which research projects are decided on, and the various projects coordinated. It presents analyses and prognoses to this end, and studies the theory and methodology of research organization and the science of science.

THE LIBRARY OF THE HUNGARIAN ACADEMY OF SCIENCES

H-1361 Budapest, Pf. 7.; Tel. 113-400

Director: György Rózsa, C. Sc. (Economics)

Deputy Directors: Tibor Braun, D. Sc. (Chemistry)

István Rejtő, C. Sc. (Literature)

The Library was founded by József Teleki, the first president of the Academy, who offered the Hungarian Learned Society his own library of 30,000 volumes in 1826. Many other generous donations have enriched the library during the past 150 years, the current close to one and a half million volumes (864,000 books, 233,000 periodicals, 445,000 manuscripts, and 18,000 microfilms) making it one of the major centers of information in Hungary.

Besides modern Hungarian and foreign publications, there are about 1,200 incunabula, 6,500 old Hungarian books printed before 1711 and other old, valuable works (the Czech, Guary, Érsekújvár, and Virginia codexes, etc.). The legacies of writers and scholars in the Manuscript Library (Kazinczy, Széchenyi, Arany, Vörösmarty, Ady, Bolyai etc.) as well as the modern manuscript collections are invaluable sources for researchers.

The Oriental Collection with its books and numerous manuscripts is internationally known. Of outstanding value are Dávid Kaufmann's Hebraic collection, the rare Turkish, Persian and Arabic manuscripts of the Dániel Szilágyi, Sándor Kégl, and Ármin Vámbéry collections, the Csoma de Kőrös

Tibetan collection, the letters of the Islamic scholar Ignác Goldziher, and the Inner-Asian legacy of Aurél Stein.

The periodicals catalogue has 12,500 entries, 5,000 of them current foreign periodicals.

The Library tries to collect all the works pertaining to ancient history, classical philology, literature, linguistics, oriental studies and science policy. It also collects Marxist literature, the publications of other Academies, the works dealing with their scholarly activities, basic works in the natural sciences, and general works on methodology in the social sciences, on the interdisciplinary approach, and on the history of science.

Today, the Library borrows from and lends material to about 1,600 scientific institutions, academies, libraries and information centers in 86 countries.

The Library is a vital part of the national system of scientific information. It has a key role in appraising and analyzing the accessibility of information to the social sciences today, and has been commissioned by the Academy to computerize the literature available in the natural sciences.

The Library is the center of the Academy's network of libraries. It regularly aids the libraries of the institutes in their work of systematization and organization, and supervises them.

Besides their customary tasks, the librarians at the Academy Library carry on research work, which has resulted in a great many specialized studies on source materials and in the history of science. The Library's publications include sources, bibliographies, catalogues and other works of interest to the history of science.

ENTERPRISES

The research network of the Academy is assisted by 4 enterprises and 2 service firms.

Publishing House of the Hungarian Academy of Sciences

H-1054 Budapest, Alkotmány u. 21.; Tel. 111-010

Director: György Bernát

The Publishing House as it is today has been operating since 1950. It publishes books and periodicals in Hungarian and other languages, and sees to their distribution at home and abroad. One of its main tasks is the editing of encyclopaedias and dictionaries. The Academy approves the proposed publications, and the Publishing Council, chaired by one of the Deputy Secretaries-General of the Academy, is there to provide professional advice.

Academy Press

H-1052 Budapest, Gerlóczy u. 2.; Tel. 180-066

Director: György Bernát

This enterprise has been under the auspices of the Academy since 1951, printing the books and periodicals put out by the Academy. The press publishes works in all European, and in several Asian and African languages.

Research Equipment Manufacturing Company

H-1141 Budapest, Komócsy u. 29—31.; Tel. 632-424

Director: István Ozimák

The main function of the company is to provide the research network of the Academy with specialized instruments and equipment. In conformity with current needs, in recent years it has produced mostly glass equipment, electric and electronic registers, various thermostats and

high-precision feeds for chemistry, physics and biology research laboratories. Some of the instruments and equipment developed here are manufactured in greater numbers for export.

Experimental Farm of the Agricultural Research Institute of the Hungarian Academy of Sciences

H-2462 Martonvásár; Tel. 111

Director: András Kuti

The farm's main task is to apply agricultural research results to practice. Here, experimentation on a large scale is carried out in cooperation particularly with the Agricultural Research Institute; a current project of national importance is the production and propagation of hybrid corn and wheat seeds. The farm also produces crops and raises animals for marketing.

Research Supplies Service

H-1014 Budapest, Országház u. 30.; Tel. 160-160

Director: Jenő Mihaletzky

The Supplies Service was set up by the Presidium of the Academy in 1962, and assigned the following areas: the technical and financial administration of the Academy's investments; the import and servicing of instruments, spares and materials; the imports, exports and financing connected with the exchange programs the Academy has with the CMEA countries; the organizing of the exhibitions held by the Academy; the upkeep of the Guest House, the Congress Hall, and the workshops, etc. The firm also has its own reprography shop.

Instrument and Measurement Technology Service

H-1067 Budapest, Lenin krt. 67.; Tel. 220-425

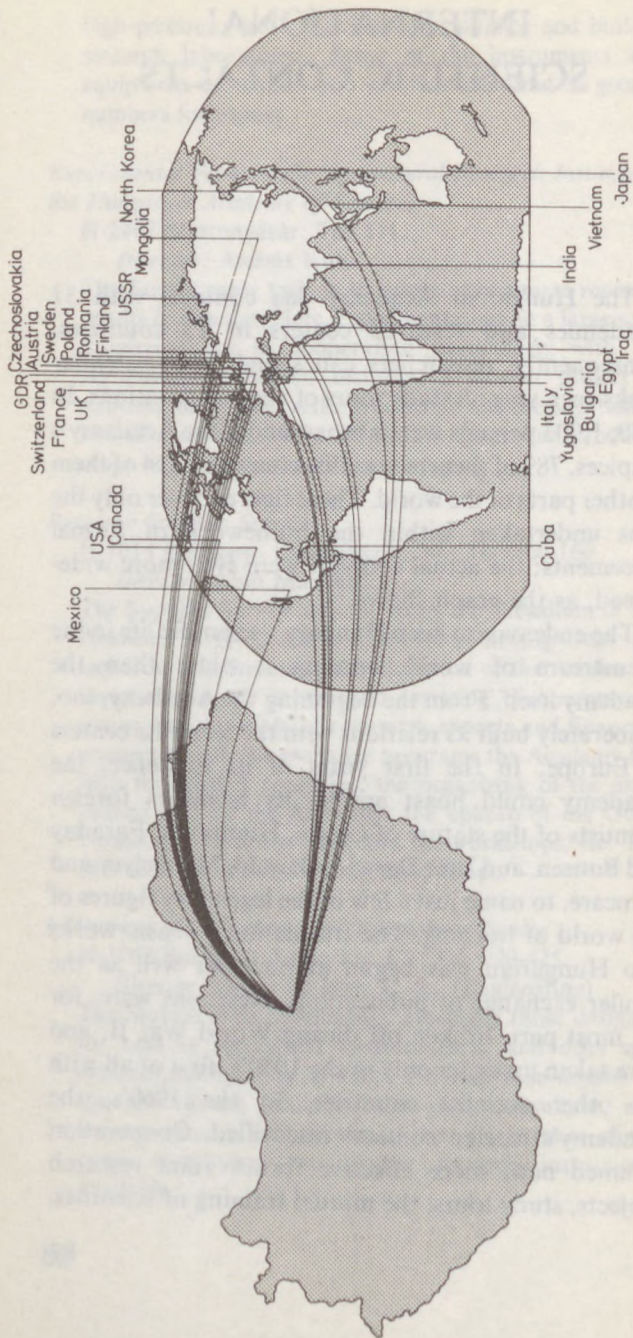
Director: Gyula Stokum, C. Sc. (Engineering)

The Service rents instruments, especially those designed for making specialized measurements, and does specialized photography. It keeps a nation-wide register of the instruments available, acts as a consultant, and services import instruments, all for the purpose of the more economical use of the research instruments available.

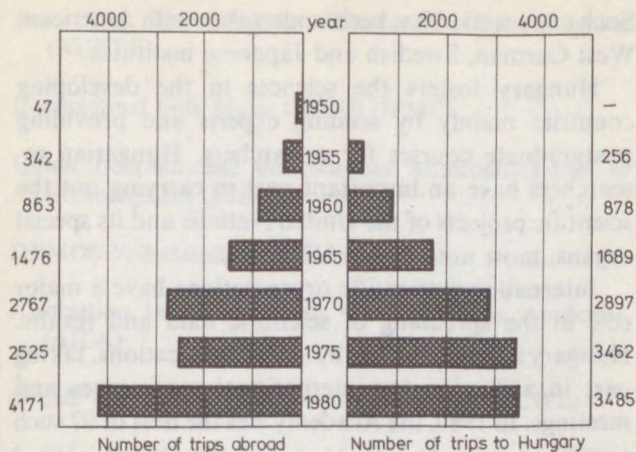
INTERNATIONAL SCIENTIFIC CONTACTS

The Hungarian Academy has contacts with 37 Academies and research centers in 25 countries. Consequently, researchers can spend 3,000 calendar weeks each year on study tours of varying durations. In 1980, 1,003 persons went abroad under the Academy's auspices, 789 of them to socialist countries, 214 of them to other parts of the world. These figures cover only the trips undertaken within the framework of formal agreements; the actual contacts were even more widespread, as the graph shows.

The endeavor to keep Hungary's scientific life in the mainstream of world learning is older than the Academy itself. From the beginning the Academy, too, deliberately built its relations with the scientific centers of Europe. In the first years of its existence, the Academy could boast among its members foreign scientists of the stature of Gauss, Humboldt, Faraday and Bunsen, and later Darwin, Oswald, Mendelyev and Poincaré, to name just a few of the legendary figures of the world of learning. The translation of basic works into Hungarian was begun at once, as well as the regular exchange of publications. Relations were, for the most part, broken off during World War II, and were taken up again only in the 1950's, first of all with the other socialist countries. In the 1960's, the Academy's foreign contacts intensified. Cooperation assumed new, more effective forms. Joint research projects, study tours, the mutual training of scientists,



The contacts of the Hungarian Academy of Sciences regulated by international agreements



The study tours to and from Hungary undertaken under Academy auspices between 1950 and 1980

and exchange scholarships acquired greater weight, with possibilities for international consultations, conferences and courses. More and more institutes came to have direct working relations with one another, just as the personal contacts between Hungarian and foreign scientists have also become more important.

In the joint projects with the Soviet Union and other socialist countries, multilateral cooperation has become as important as bilateral programs. A new form of cooperation is the centers for advanced studies; four such research centers have been established up to now. In 1976, the socialist countries set up a joint information system in the social sciences, MISZON.

The institutes of the Academy have a major role in fulfilling the technical, scientific and cultural agreements made with capitalist and developing countries alike. Cooperation on certain definite projects started a few years ago: these agreements are made with concrete aims and programs and for a certain period of time.

Such cooperation has been undertaken with American, West German, Swedish and Japanese institutes.

Hungary fosters the sciences in the developing countries mainly by sending experts and providing postgraduate courses for researchers. Hungarian researchers have an important part in carrying out the scientific projects of the United Nations and its special organs, most notably the UNESCO.

International scientific organizations have a major role in the spreading of scientific data and results. Hungary is a member of 189 such organizations, taking part in arranging for international conferences and meetings. In 1980, the Academy was the host of 97 such events.

INTERNATIONAL NON-GOVERNMENT SCIENTIFIC ORGANIZATIONS

The Hungarian Academy of Sciences belongs to 189 international scientific organizations; 55 of them have Hungarian researchers on their executive. In the following, we list the Hungarian national committees only of non-government scientific organizations.

INTERNATIONAL NON-GOVERNMENT SCIENTIFIC ORGANIZATIONS WITH HUNGARIAN NATIONAL COMMITTEES

LINGUISTIC AND LITERARY STUDIES

International Association for the History of Religions
(IAHR)

Fédération Internationale des Associations d'Études
Classiques (FIEC)

Association Internationale d'Études Sud-Est Européen
(AIESEE)

International Folk Music Council (IFMC)

Union Internationale des Sciences Anthropologiques et
Ethnologiques (UISAE)

DEMOS Volkskundliche Informationen

Association Internationale de la Linguistique Appliquée
(AILA)

Comité International Permanent des Linguistes (CIPL)

A Finnugor Kongresszusok Magyar Nemzeti Bizottsága
(Hungarian National Committee for Finno-Ugrian
Congresses)

A Nemzetközi Szlavisztikai Kongresszusok Magyar Nemzeti
Bizottsága (Hungarian National Committee for
International Congresses in Slavonic Studies)

PHILOSOPHY AND HISTORICAL SCIENCE

Comité International d'Histoire de la 2^e Guerre Mondiale

Comité International des Sciences Historiques (CISH)

Comité International pour les Études d'Esthétique

International Union of History and Philosophy of Science
(IUHPS)

International Economic History Association

Comité International d'Histoire de l'Art

Fédération Internationale des Sociétés de Philosophie (FISP)

International Union of Psychological Science

International Numismatic Commission (INC)

Fédération Internationale des Éditeurs de Médailles
(FIDEM)

Comité Coordinador de los Historiadores Latinoamericanos
Europeos

Fédération Européenne de Psychologie des Sports et des
Activités Corporelles

Commission Internationale pour l'Étude de l'Histoire des
Assemblées d'États

MATHEMATICAL AND PHYSICAL SCIENCES

International Radiation Protection Association (IRPA)

International Astronomical Union (IAU)

Committee on Data for Science and Technology (CODATA)

Committee on Space Research (COSPAR)

Scientific Committee on Solar-Terrestrial Physics
(SCOSTEP)

International Union of Pure and Applied Physics (IUPAP)

International Union of Crystallography (IUCr)

AGRICULTURAL SCIENCES

International Society of Soil Science (ISSS)

International Society for Horticultural Science (ISHS)

World Federation of Parasitologists

International Association on Mechanization of Field Experiments

Centre International des Engrais Chimique (CIEC)

MEDICAL SCIENCES

International Brain Research Organization (IBRO)

MECHANICAL SCIENCES

Commission Internationale de l'Éclairage (CIE)

Conférence Internationale des Grands Réseaux Électriques à Haute Tension (CIGRÉ)

International Federation of Automatic Control (IFAC)

International Union for Vacuum Science, Technique and Application (IUVSTA)

International Union of Radio Science (URSI)

International Congress on Fracture (ICF)

International Federation for the Theory of Machines and Mechanisms (IFTOMM)

World Energy Conference (WEC)

International Association for Hydraulic Research (IAHR)

International Commission on Irrigation and Drainage (ICID)

International Society of Soil Mechanics and Foundation Engineering (ISSMFE)

International Union of Theoretical and Applied Mechanics (IUTAM)

International Association for Bridge and Structural
Engineering (IABSE)

Gesellschaft für Angewandte Mathematik und Mechanik
(GAMM)

CHEMICAL SCIENCES

International Union of Pure and Applied Chemistry
(IUPAC)

The Combustion Institute

International Society of Electrochemistry (ISE)

BIOLOGICAL SCIENCES

International Union of Biochemistry (IUB)

Comité International de Photobiologie

International Society for Histo- and Cytochemistry

Man and Biosphere (MAB)

Societas Internationalis Limnologiae (SIL)—Arbeitsgemein-
schaft Donauforschung

Biometric Society

International Union for Pure and Applied Biophysics
(IUPAB)

International Union of Biological Sciences (IUBS)

Federation of European Biochemical Sciences (FEBS)

International Cell Research Organization (ICRO)

International Organization for Medical Physics (IOMP)

Scientific Committee on Problems of the Environment
(SCOPE)

ECONOMIC, LEGAL,
AND SOCIOLOGICAL SCIENCES

International Sociological Association (ISA)

Association Internationale des Sciences Politiques (AISP)

Association Internationale de Droit Pénal (AIDP)

Société Internationale de Criminologie

Internationale Vereinigung für Rechts- und Sozialphilosophie (IVR)

International Law Association (ILA)

Conseil International des Sciences Sociales (CISS)

European Coordination Center for Research and Documentation in the Social Sciences, in Vienna

International Association of Legal Science (IALS)

Stanford Research Institute

GEOLOGICAL AND MINING SCIENCES

International Association for Rock Mechanics (ISRM)

International Geographical Union (IGU)

International Union of Geodesy and Geophysics (IUGG)

International Union of Geological Sciences (IUGS)

International Union for Quaternary Research (IUQUA)

COMMITTEES DIRECTLY UNDER
THE PRESIDIUM

Union Académique Internationale (UAI)

Conseil International de la Philosophie et des Sciences
Humaines (CIPSH)

International Council of Scientific Unions (ICSU)

Pugwash Conferences on Sciences and World Affairs

International Federation for Documentation (FID)

Association of Special Libraries (ASLIB)

HUNGARIAN NATIONAL COMMITTEES
OF UNIONS IN THE ICSU
UNDER OTHER AUTHORITIES

International Mathematical Union (IMU)

International Union of Physiological Sciences (IUPS)

International Union of Nutritional Sciences (IUNS)

International Union of Pharmacology (IUPHAR)

International Union of Immunological Societies

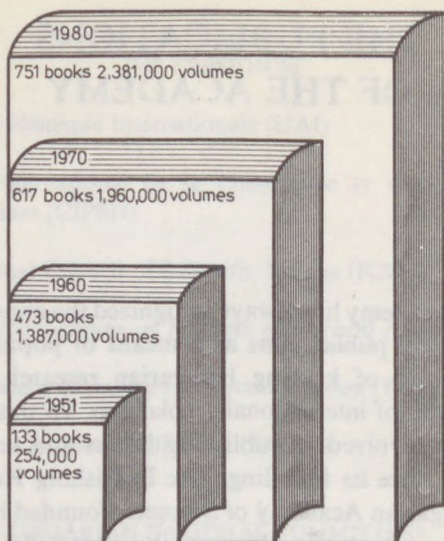
World Climate Research Programme (SCRP)

THE PUBLICATIONS OF THE ACADEMY

The Academy has always recognized the importance of scholarly publications as a means of popularizing science, and of keeping Hungarian research in the mainstream of international scholarship. To this end, it has been involved in publishing books and scholarly journals since its founding. The Publishing House of the Hungarian Academy of Sciences, founded in 1950, gave new impetus to this activity, especially once it acquired its own press in 1951. For purposes of comparison, we might mention that in the over 100 years preceding 1950, 3,103 books appeared under the auspices of the Academy, mostly in a few hundred volumes each. The newly-founded Publishing House, on the other hand, put out 133 books in a quarter million copies already in 1951; in 1980, 751 books were published, 2,381,000 volumes in all. Between 1950 and 1981, 15,734 books bearing the Academy's emblem appeared, just a part of the country's crop of scholarly publications.

Journals and serials comprise a considerable number of the Academy's publications; in 1980, 172 series and 103 journals were put out.

More recently, the Academy has undertaken a number of outstanding projects: a seven-volume dictionary of the Hungarian language; a ten-volume history of Hungary; a six-volume history of Hungarian literature; a Treasury of Hungarian Folk Music; and a pronouncing atlas of Hungarian, to name just a few.



The publications of the Hungarian Academy of Sciences

Hungarian research results are made accessible to scholars abroad mainly through foreign-language books and publications. The greatest number of these works appear in English, German, Russian and French, but Hungarian authors publish in 13 other languages as well. The starting up of foreign-language journals in 1951 opened up new possibilities to all Hungarian scholars. At present, the Publishing House puts out 54 foreign-language journals, eight of them as joint publications with various countries.

The Publishing House of the Hungarian Academy of Sciences co-publishes with some of the most renowned publishing houses in the world. Between 1955 and 1981, it has had over 800 such joint publications, with especially close ties to publishing houses in the Soviet Union, England, the GFR and the GDR.

Besides monographs, collections of studies, and collections of lectures delivered at various congresses, the Publishing House also puts out lexicons and dictionaries: 119 volumes of 27 different kinds of lexicons were published to 1981, as well as 255 dictionaries in 28 languages, a total of 10 million copies.

CENTRAL PUBLICATIONS

Magyar Tudomány (Hungarian Science)

H-1051 Budapest, Münnich Ferenc u. 18.; Tel. 119-287

Editor: Béla Köpeczi

Akadémiai Közlöny (The Academy Gazette)

H-1051 Budapest, Roosevel tér 9.; Tel. 119-686

SECTIONAL PUBLICATIONS

Az MTA Nyelv- és Irodalomtudományok Osztályának Közleményei (Bulletin of the Linguistic and Literary Studies Section of the Hungarian Academy of Sciences)

H-1051 Budapest, Münnich Ferenc u. 7; Tel. 175-771

Editor: Miklós Szabolcsi

Az MTA Filozófia és Történettudományok Osztályának Közleményei (Bulletin of the Philosophy and History section of the Hungarian Academy of Sciences)

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 172-439

Editor: Iván T. Berend

Alkalmazott Matematikai Lapok (Papers in Applied Mathematics)

H-1014 Budapest, Úri u. 49.; Tel. 667-091

Editor: András Prékopa

Magyar Fizikai Folyóirat (Hungarian Physics Journal)

H-1088 Budapest, Puskin u. 9.; Tel. 143-654

Editor: Lénárd Pál

Agrártudományi Közlemények (Agricultural Science Bulletin)

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 173-038

Editor: István Tamássy

Orvostudomány (Medical Science)

H-1089 Budapest, Nagyvárad tér 4.; Tel. 137-070

Editor: József Knoll

Műszaki Tudomány (Technical Science)

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 172-591

Editor: Máté Major

Építés-Építészettudomány (Building and Architectural Science)

H-1111 Budapest, Műegyetem rkp. 3.; Tel. 664-011

Editor: Máté Major

Kémiai Közlemények (Chemistry Bulletin)

H-1088 Budapest, Múzeum krt. 6—8.; Tel. 134-258

Editor: Mihály Beck

Az MTA Biológiai Tudományok Osztályának Közleményei
(Bulletin of the Biological Sciences Section of the Hungarian Academy of Sciences)

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 172-796

Editor: József Tigyí

Gazdaság- és Jogtudomány (Economics and Jurisprudence)

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 173-096

Editor: Kálmán Kulcsár

Az MTA Föld- és Bányászati Tudományok Osztályának Közleményei
(Bulletin of the Geological and Mining Sciences Section of the Hungarian Academy of Sciences)

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 174-219

Editor: Ferenc Martos

FOREIGN-LANGUAGE PUBLICATIONS

Acta Agronomica Academiae Scientiarum Hungaricae

H-2462 Martonvásár; Tel. 45-774

Editor: Sándor Rajki

Acta Alimentaria Academiae Scientiarum Hungaricae
H-1022 Budapest, Herman Ottó út 15.; Tel. 158-674
Editor: János Holló

Acta Antiqua Academiae Scientiarum Hungaricae
H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966
Editor: János Harmatta

Acta Archaeologica Academiae Scientiarum Hungaricae
H-1014 Budapest Úri u. 49.; Tel. 160-160
Editor: László Castiglione

Acta Biochimica et Biophysica Academiae Scientiarum Hungaricae
H-1113 Budapest, Karolina út 29.; Tel. 665-633 (biochemistry)
H-7624 Pécs, Szigeti út 12.; Tel. 14-211 (biophysics)
Editors: Brunó F. Straub and József Tigyi

Acta Biologica Academiae Scientiarum Hungaricae
H-8237 Tihany; Tel. 44-081
Editor: János Salánki

Acta Botanica Academiae Scientiarum Hungaricae
H-4010 Debrecen, Egyetem tér 1.; Tel. 12-060
Editor: Pál Jakucs

Acta Chimica Academiae Scientiarum Hungaricae
H-1088 Budapest, Múzeum krt. 6—8.; Tel. 134-258
Editor: Ferenc Márta

Acta Chirurgica Academiae Scientiarum Hungaricae
H-1096 Budapest, Nagyvárad tér 1.; Tel. 340-350
Editor: Antal Babics

Acta Ethnographica Academiae Scientiarum Hungaricae
H-1014 Budapest, Országház u. 30.; Tel. 360-755
Editor: Tibor Bodrogi

Acta Geodaetica, Geophysica et Montanistica Academiae Scientiarum Hungaricae
H-9400 Sopron, Múzeum u. 6.; Tel. 11-290
Editor: Antal Tárczy-Hornoch

Acta Geologica Academiae Scientiarum Hungaricae

H-1112 Budapest, Budaörsi út 43—45.; Tel. 851-129

Editor: Elemér Szádeczky-Kardoss

Acta Historiae Artium Academiae Scientiarum Hungaricae

H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966

Editor: Lajos Vayer

Acta Historica Academiae Scientiarum Hungaricae

H-1014 Budapest, Úri u. 51—53.; Tel. 160-160

Editor: Zsigmond Pál Pach

Acta Juridica Academiae Scientiarum Hungaricae

H-1014 Budapest, Országház u. 30.; Tel. 160-160

Editor: Gyula Eörsi

Acta Linguistica Academiae Scientiarum Hungaricae

H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966

Editor: József Herman

Acta Litteraria Academiae Scientiarum Hungaricae

H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966

Editor: Gábor Tolnai

Acta Mathematica Academiae Scientiarum Hungaricae

H-6720 Szeged, Aradi vértanúk tere 1.; Tel. 12-360

Editor: Károly Tandori

Acta Medica Academiae Scientiarum Hungaricae

H-1083 Budapest, Szigony u. 43.; Tel. 331-970

Editor: Ervin Stark

Acta Microbiologica Academiae Scientiarum Hungaricae

H-1097 Budapest, Gyáli út 2—6.; Tel. 341-580

Editor: Béla Lányi

Acta Morphologica Academiae Scientiarum Hungaricae

H-1091 Budapest, Üllői út 93.; Tel. 331-336

Editor: Endre Somogyi

Acta Oeconomica Academiae Scientiarum Hungaricae

H-1112 Budapest, Budaörsi út 43—45.; Tel. 850-777

President of the editorial board: Mihály Simai

Acta Orientalia Academiae Scientiarum Hungaricae

H-1064 Budapest, Izabella u. 46.; Tel. 423-130

Editor: Ferenc Tőkei

Periodica Mathematica Hungarica

H-1053 Budapest, Reáltanoda u. 13—15.; Tel. 182-875

Editor: Pál Erdős

Acta Paediatrica Academiae Scientiarum Hungaricae

H-1083 Budapest, Bókay János u. 53.; Tel. 343-186

Editor: Pál Gegesi Kiss

Acta Physica Academiae Scientiarum Hungaricae

H-1111 Budapest, Budafoki út 8.; Tel. 660-536

Editor: István Kovács

Acta Physiologica Academiae Scientiarum Hungaricae

H-1088 Budapest, Puskin u. 9.; Tel. 336-582

Editor: Péter Bálint

Acta Phytopathologica Academiae Scientiarum Hungaricae

H-1022 Budapest, Herman Ottó út 15.; Tel. 159-436

Editor: Zoltán Király

Acta Technica Academiae Scientiarum Hungaricae

H-1051 Budapest, Münnich Ferenc u. 7.; Tel. 172-591

Editor: Máté Major

Acta Veterinaria Academiae Scientiarum Hungaricae

H-1078 Budapest, Landler Jenő u. 2.; Tel. 427-701

Editor: János Mészáros

Acta Zoologica Academiae Scientiarum Hungaricae

H-1088 Budapest, Baross u. 13.; Tel. 130-035

Editor: János Balogh

Studia Musicologica Academiae Scientiarum Hungaricae

H-1014 Budapest, Országház u. 9.; Tel. 161-208

Editors: József Újfalussy and Zoltán Falvy

Studia Scientiarum Mathematicarum Hungaricae

H-1053 Budapest, Reáltanoda u. 13—15.; Tel. 182-875

Editor: László Fejes Tóth

Studia Slavica Academiae Scientiarum Hungaricae
H-1052 Budapest, Pesti Barnabás u. 1.; Tel. 180-966
Editor: László Hadrovics

JOINT HUNGARIAN—SOVIET PUBLICATIONS

Analysis Mathematica

H-6720 Szeged, Somogyi Béla út 7.; Tel. 12-586
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