



Biotechnology Institutions List

Biotechnology research institutions in India:

1.

Institute of Bioinformatics and Applied Biotechnology (IBAB) - India

Focuses on research and training in bioinformatics and biotechnology.

3.

Centre for Cellular and Molecular Platforms (C-CAMP) - India

A research and development center supporting biotechnology startups and innovation.

5.

National Institute of Immunology (NII) - India

Conducts research in immunology, molecular biology, and biotechnology.

7.

Centre for DNA Fingerprinting and Diagnostics (CDFD) - India

Focuses on DNA fingerprinting, genomics, and molecular biology research.

9.

Institute of Life Sciences (ILS) - India

Specializes in molecular and cellular biology, biotechnology, and genomics research.

11.

National Institute of Pharmaceutical Education and Research (NIPER) - India

Specializes in pharmaceutical sciences and biotechnology research.

13.

National Agri-Food Biotechnology Institute (NABI) - India

Specializes in agricultural biotechnology and food biotechnology research.

15.

Massachusetts Institute of Technology (MIT) - USA

Known for cutting-edge biotechnology research and innovation.

2.

Harvard University - USA

Conducts extensive research in molecular biology, genetics, and biotechnology.

4.

National Institutes of Health (NIH) - USA

The largest biomedical research agency in the world, conducting extensive biotechnology research.

6.

Broad Institute - USA

A collaborative research center focusing on genomics and biomedicine.

8.

Salk Institute for Biological Studies - USA

Conducts pioneering research in genetics, molecular biology, and biotechnology.

10.

Fred Hutchinson Cancer Research Center - USA

Known for its innovative cancer research, including immunotherapy and gene editing.

12.

International Centre for Genetic Engineering and Biotechnology (ICGEB) - USA

A global research organization supporting biotechnology and genetic engineering research.

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14.

National Institute for Biotechnology and Genetic Engineering (NIBGE) - USA

A leading biotechnology research center in South Asia.

Biotechnology research institutions in the United Kingdom:

1.

University of Oxford - UK

Known for its research in molecular biology, genetics, and biotechnology.

3.

University of Edinburgh - UK

Specializes in genetics, genomics, and biotechnology research.

5.

The Francis Crick Institute - UK

A leading biomedical research center conducting cutting-edge research in biotechnology.

7.

The Sainsbury Laboratory - UK

Conducts plant pathology and biotechnology research.

9.

The Roslin Institute - UK

Known for its research in animal genetics and biotechnology, including cloning and stem cells.

11.

Institute of Cancer Research - UK

Focuses on cancer research, including biotechnological approaches to cancer treatment.

13.

The Genome Analysis Centre (TGAC) - UK

Specializes in genomics, bioinformatics, and biotechnology research.

15.

Max Planck Institute for Molecular Genetics - Germany

Conducts research in molecular genetics and biotechnology.

2.

Helmholtz Zentrum München - Germany

Specializes in environmental health, diabetes, and bioinformatics research.

4.

Max Planck Institute for Plant Breeding Research - Germany

Specializes in plant genetics and biotechnology research.

6.

Leibniz Institute for Natural Product Research and Infection Biology - Hans Knöll Institute (HKI) - Germany

Specializes in natural product research and biotechnology.

8.

Fraunhofer Institute for Interfacial Engineering and Biotechnology (IGB) - Germany

Specializes in bioprocessing and biotechnology.

10.

Friedrich Miescher Laboratory of the Max Planck Society - Germany

Conducts research in the field of modern biology, including biotechnology.

12.

Institute of Molecular Biology (IMB) - Germany

Focuses on molecular biology, genomics, and biotechnology.

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14.

BioQuant Center - Germany

Specializes in quantitative biology, systems biology, and biotechnology research.

Biotechnology research institutions in Russia:

1.

State Research Center of Virology and Biotechnology VECTOR

Focuses on virology and biotechnology research, including vaccine development.

3.

Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry - Russian Academy of Sciences

Specializes in bioorganic chemistry, genomics, and biotechnology.

5.

Research Center for Medical Genetics - Russian Academy of Medical Sciences

Specializes in medical genetics and biotechnology applications.

7.

Novosibirsk Institute of Organic Chemistry - Siberian Branch of the Russian Academy of Sciences

Focuses on organic chemistry, molecular biology, and biotechnology.

9.

Belozersky Institute of Physico-Chemical Biology - Moscow State University

Conducts research in biochemistry, molecular biology, and biotechnology.

11.

Institute of Cytology and Genetics - Siberian Branch of the Russian Academy of Sciences

Specializes in genetics, genomics, and biotechnology applications.

13.

Institute of Macromolecular Compounds - Russian Academy of Sciences

Focuses on macromolecular chemistry, polymer science, and biotechnology applications.

15.

Institute of Molecular Biology - Russian Academy of Sciences

Focuses on molecular biology research and biotechnological applications.

17.

Institute of Biochemistry and Physiology of Plants and Microorganisms - Russian Academy of Sciences

Conducts research in plant biochemistry and biotechnology.

19.

Institute of Protein Research - Russian Academy of Sciences

Specializes in protein structure and function research, including applications in biotechnology.

21.

Novosibirsk State University - Institute of Cytology and Genetics

Conducts research in genetics, genomics, and biotechnology.

23.

Institute of Plant Physiology - Russian Academy of Sciences

Focuses on plant physiology research and biotechnological applications in agriculture.

25.

Institute of Molecular Genetics - National Research Center "Kurchatov Institute"

Focuses on molecular genetics research and biotechnological applications.

27.

Moscow Institute of Physics and Technology (MIPT) - Laboratory of Nanobiotechnology

Specializes in nanobiotechnology research and applications.

29.

Institute of Organic Chemistry - Russian Academy of Sciences

Specializes in organic chemistry research, including applications in biotechnology.

31.

Institute of Theoretical and Experimental Biophysics - Russian Academy of Sciences

Focuses on biophysics research and its applications in biotechnology.

33.

Institute of Biochemical Physics - Russian Academy of Sciences

Conducts research in biochemical physics and biotechnological applications.

35.

Research Institute of Influenza - Ministry of Health of the Russian Federation

Specializes in virology research, including vaccine development and biotechnological approaches.

37.

Institute of Physiology - Komi Science Center, Ural Branch of the Russian Academy of Sciences

Specializes in physiology research, including biotechnological applications in medicine.

39.

Institute of Biology - Komi Science Center, Ural Branch of the Russian Academy of Sciences

Focuses on various areas of biology research, including biotechnological applications.

Biotechnology research institutions in Canada:

1.

University of British Columbia - Canada

Conducts extensive research in biotechnology, molecular biology, and biochemistry.

3.

University of Alberta - Canada

Specializes in biotechnology research, including bioprocessing and genetic engineering.

5.

University of Calgary - Canada

Conducts research in biotechnology and bioscience, including applications in health and medicine.

7.

University of Montreal - Canada

Specializes in molecular biology, genetics, and biotechnology research.

9.

University of Waterloo - Canada

Conducts research in biotechnology, genetic engineering, and biomaterials.

11.

Dalhousie University - Canada

Specializes in biotechnology research, including marine biotechnology and environmental applications.

13.

University of Saskatchewan - Canada

Conducts research in agricultural biotechnology and crop genetics.

15.

University of Melbourne - Australia

Known for its research in biotechnology, molecular biology, and genetic engineering.

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2.

University of Sydney - Australia

Renowned for its research in biotechnology, genomics, and molecular biology.

4.

Australian National University - Australia

Focuses on genetics, genomics, and biotechnology applications.

6.

University of Western Australia - Australia

Specializes in biotechnology, molecular biology, and genetic engineering research.

8.

Garvan Institute of Medical Research - Australia

Focuses on genomics, bioinformatics, and biotechnological applications in healthcare.

10.

Victorian Comprehensive Cancer Centre (VCCC) - Australia

Specializes in cancer research, including biotechnological approaches to cancer treatment.

12.

Peter MacCallum Cancer Centre - Australia

Known for its research in cancer genetics, genomics, and biotechnological applications.

14.

Burnet Institute - Australia

Focuses on infectious diseases research, including biotechnological approaches to vaccine development and disease prevention.

Biotechnology research institutions in Israel:

1.

Technion - Israel Institute of Technology

Specializes in biotechnology, bioinformatics, and biomedical engineering research.

3.

Tel Aviv University - Israel

Conducts extensive research in biotechnology, nanotechnology, and molecular biology.

5.

Ben-Gurion University of the Negev - Israel

Specializes in biotechnology, bioinformatics, and genetic engineering research.

7.

Volcani Center - Agricultural Research Organization (ARO) - Israel

Specializes in agricultural biotechnology, crop genetics, and environmental research.

9.

Sackler Faculty of Medicine, Tel Aviv University - Israel

Focuses on medical biotechnology, genetics, and translational research.

11.

The Robert H. Smith Faculty of Agriculture, Food, and Environment, The Hebrew University of Jerusalem - Israel

Conducts research in agricultural biotechnology, plant genetics, and sustainable agriculture.

13.

The Faculty of Biology, Technion - Israel Institute of Technology

Specializes in biotechnology, bioinformatics, and molecular biology research.

15.

Council for Scientific and Industrial Research (CSIR) - South Africa

Conducts research in various fields, including biotechnology and bioinformatics.

2.

Stellenbosch University - South Africa

Specializes in biotechnology research, including applications in agriculture and healthcare.

4.

University of the Witwatersrand - South Africa

Conducts extensive research in biotechnology, bioinformatics, and genetic engineering.

6.

South African National Biodiversity Institute (SANBI) - South Africa

Focuses on biodiversity research, including biotechnological applications in conservation.

8.

CSIR Biosciences - South Africa

Specializes in biosciences research, including biotechnology and bioinformatics applications.

10.

Institut Pasteur - France

Known for its research in infectious diseases, microbiology, and biotechnological applications in healthcare.

2.

French National Institute of Health and Medical Research (INSERM) - France

Focuses on biomedical research, including biotechnological approaches to healthcare and genetics.

4.

University of Paris-Sud - France

Known for its research in biotechnology, molecular biology, and genetic engineering.

6.

University of Strasbourg - France

Focuses on biotechnology, bioengineering, and molecular biology research.

8.

**National Institute of Agricultural Research for Development (CIRAD) -
France**

Specializes in agricultural and environmental biotechnology, sustainable agriculture, and biodiversity research.

10.