Careers in Medical Biology

Career options in the field of Medical Biology.

Clinical Laboratory Technician

Growth Probability

High, driven by the demand for diagnostic testing.

2.

Job Role

Design medical equipment and devices.

Medical Laboratory Technologist

Growth Probability

Strong demand for diagnostic services.

4.

Job Role

Prepare tissue samples for pathology.

Phlebotomist

Growth Probability

Steady, with ongoing need for diagnostic testing.

6.

Job Role

Analyze chromosomes for genetic disorders.

Non-Technical Careers in Medical Biology

7.

Job Role

Create scientific content and documentation.

Regulatory Affairs Specialist

Growth Probability

Steady, as regulations evolve.

9.

Job Role

Oversee clinical trials and research studies.

Healthcare Administrator

-

Growth Probability

Steady due to healthcare industry growth.

11.

Job Role

Promote and sell medical products and equipment.
-

Academic Careers in Medical Biology

12.

Job Role

Teach and conduct research in academia.
-

Careers in Medical Biology

Academic Advisor

-

Growth Probability

Steady in educational institutions.

14.

Job Role

Design science educational materials.
-

Educational Program Manager

-

Growth Probability

Steady, especially in healthcare education.

Biomanufacturing Specialist

-

Growth Probability

Strong in biotechnology.

17.

Job Role

Ensure product quality and regulatory compliance.
-

Clinical Data Manager

-

Growth Probability

Strong demand for data management.

19.

Job Role

Oversee research and development projects.

-

Bioinformatics Specialist

-

Growth Probability

High, driven by data-driven biology.

Medical Scientist

-

Growth Probability

Strong, with demand for research.

22.

Job Role

Provide genetic information and counseling.

-

Epidemiologist

-

Growth Probability

Steady, with importance in public health.

24.

Job Role

Study drug effects and development.

-

Immunologist

-

Growth Probability

Steady with immunology research.

26.

Job Role

Analyze and interpret data in healthcare research.

-

Molecular Biologist

-

Growth Probability

Strong with advances in genetics.

28.

Job Role

Lead clinical trials to test new treatments.

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Pathologist

-

Growth Probability

Steady in diagnostic medicine.

30.

Job Role

Address ethical issues in medical research and practice.

-

Microbiologist

-

Growth Probability

Steady in microbiology research.

32.

Job Role

Study the nervous system and neurological disorders.

-

Cell Biologist

-

Growth Probability

Steady in cell biology research.

34.

Job Role

Study chemical processes in living organisms.

-

Toxicologist

-

Growth Probability

Steady with environmental and pharmaceutical concerns.

36.

Job Role

Research cancer causes, treatments, and prevention.

-

Reproductive Biologist

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Growth Probability

Growing in fertility and reproductive health research.

38.

Job Role

Investigate the potential of stem cells in regenerative medicine.
-

Bioinformatics Scientist

-

Growth Probability

High, driven by data-intensive research.

40.

Job Role

Create visual representations of medical concepts and research.
-

Neurogeneticist

-

Growth Probability

Growing due to advances in neurogenetics.

42.

Job Role

Investigate the three-dimensional structures of biomolecules.
-

Pharmaceutical Research Scientist

-

Growth Probability

Steady, with ongoing drug development.

44.

Job Role

Develop immunotherapy treatments for diseases.

-

Virologist

-

Growth Probability

Steady in virology research.

46.

Job Role

Diagnose and manage genetic disorders in patients.

-

Nutrigeneticist

-

Growth Probability

Growing with personalized nutrition trends.

48.

Job Role

Analyze and interpret biological data using computational methods.

-

Biosecurity Specialist

-

Growth Probability

Steady, with increasing concerns about bioterrorism.

50.

Job Role

Investigate heart-related diseases and treatments.

-

Gerontologist

-

Growth Probability

Growing with an aging population.

52.

Job Role

Analyze genetic variations in human populations.
-

Molecular Pathologist

-

Growth Probability

Strong, as precision medicine advances.

54.

Job Role

Apply statistical methods to biomedical research.
-

Health Informatics Specialist

-

Growth Probability

Growing with the emphasis on health data management.

56.

Job Role

Study how genetics and the environment interact to impact health.
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Plant Geneticist (related to medical plants)

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Growth Probability

Growing in pharmaceutical and herbal medicine research.

58.

Job Role

Study disease-carrying insects and their impact on public health.

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Medical Sociologist

-

Growth Probability

Steady, with healthcare sociological research.

60.

Job Role

Apply genetics to forensic investigations, including DNA analysis.

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