

## 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**

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### **Growth Probability**

Steady due to healthcare industry growth.

11.

### **Job Role**

Promote and sell medical products and equipment.

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## **Academic Careers in Medical Biology**

12.

### **Job Role**

Teach and conduct research in academia.

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### **Academic Advisor**

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### **Growth Probability**

Steady in educational institutions.

14.

### **Job Role**

Design science educational materials.

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### **Educational Program Manager**

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### **Growth Probability**

Steady, especially in healthcare education.

### **Biomanufacturing Specialist**

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### **Growth Probability**

Strong in biotechnology.

17.

### **Job Role**

Ensure product quality and regulatory compliance.

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### **Clinical Data Manager**

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### **Growth Probability**

Strong demand for data management.

19.

## **Job Role**

Oversee research and development projects.

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## **Bioinformatics Specialist**

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## **Growth Probability**

High, driven by data-driven biology.

## **Medical Scientist**

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## **Growth Probability**

Strong, with demand for research.

22.

## **Job Role**

Provide genetic information and counseling.

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## **Epidemiologist**

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## **Growth Probability**

Steady, with importance in public health.

24.

## **Job Role**

Study drug effects and development.

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## **Immunologist**

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### **Growth Probability**

Steady with immunology research.

26.

### **Job Role**

Analyze and interpret data in healthcare research.

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### **Molecular Biologist**

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### **Growth Probability**

Strong with advances in genetics.

28.

### **Job Role**

Lead clinical trials to test new treatments.

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### **Pathologist**

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### **Growth Probability**

Steady in diagnostic medicine.

30.

### **Job Role**

Address ethical issues in medical research and practice.

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### **Microbiologist**

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### **Growth Probability**

Steady in microbiology research.

32.

### **Job Role**

Study the nervous system and neurological disorders.

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### **Cell Biologist**

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### **Growth Probability**

Steady in cell biology research.

34.

### **Job Role**

Study chemical processes in living organisms.

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### **Toxicologist**

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### **Growth Probability**

Steady with environmental and pharmaceutical concerns.

36.

### **Job Role**

Research cancer causes, treatments, and prevention.

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### **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.

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### **Bioinformatics Scientist**

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### **Growth Probability**

High, driven by data-intensive research.

40.

### **Job Role**

Create visual representations of medical concepts and research.

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### **Neurogeneticist**

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### **Growth Probability**

Growing due to advances in neurogenetics.

42.

### **Job Role**

Investigate the three-dimensional structures of biomolecules.

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### **Pharmaceutical Research Scientist**

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### **Growth Probability**

Steady, with ongoing drug development.

44.

### **Job Role**

Develop immunotherapy treatments for diseases.

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## **Virologist**

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### **Growth Probability**

Steady in virology research.

46.

### **Job Role**

Diagnose and manage genetic disorders in patients.

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## **Nutrigeneticist**

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### **Growth Probability**

Growing with personalized nutrition trends.

48.

### **Job Role**

Analyze and interpret biological data using computational methods.

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## **Biosecurity Specialist**

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### **Growth Probability**

Steady, with increasing concerns about bioterrorism.

50.

### **Job Role**

Investigate heart-related diseases and treatments.

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### **Gerontologist**

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### **Growth Probability**

Growing with an aging population.

52.

### **Job Role**

Analyze genetic variations in human populations.

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### **Molecular Pathologist**

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### **Growth Probability**

Strong, as precision medicine advances.

54.

### **Job Role**

Apply statistical methods to biomedical research.

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### **Health Informatics Specialist**

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### **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**

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## **Growth Probability**

**Steady, with healthcare sociological research.**

**60.**

## **Job Role**

**Apply genetics to forensic investigations, including DNA analysis.**

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