Biomedical Researcher

Roles

Biomedical researchers or medical scientists conduct research aimed at improving overall human health.

Responsibilities

- Plan and direct studies to investigate human diseases, preventive methods, and the treatment of disease
- Develop methods, instruments, and procedures for medical applications and data analysis
- Prepare and analyze medical samples to identify toxicity, bacteria, or microorganisms or to study cell structure
- Standardize drug doses and immunization methods for manufacturing drugs and other medicinal compounds
- Work with health departments, industry personnel, and physicians to develop programs to improve health safety standards
- Prepare research grant proposals to get funding from government agencies
- Educate future healthcare providers