

Fields of Biomedical Research & Related Careers	High School Certificate &/or TAFE training	Undergraduate University Degree	Postgraduate University Degree	Certification Possible or Required	Work with Animals	Indirect work with animals
Animal Care/Laboratory Animal Technicians provide food and water, clean housing, and enrichment for laboratory animals and monitor animal health on a daily basis.	●			●	●	
Animal Facility Supervisors oversee the animal facility setting, ensuring that all laws and regulations are followed.	●	●		●	●	
Bioinformaticians use a combination of computer science, statistics, mathematics and engineering to develop methods and software tools to analyse and interpret biological information.		●	●			●
Biomedical Engineers work in the practical application of engineering as it relates to health and medicine		●	●	●		●
Clinical Trials Managers organise the testing of new drugs and technical procedures on humans.		●	●	●		
Clinical Trials Nurses help doctors conduct testing of new drugs and technical procedures on humans.		●		●		
Computer Scientists and Programmers create and design programs for use in research.		●				●
Engineers design and create equipment, facilities, devices, and materials used in a research environment.		●		●		●
Ethics Coordinators manage the committees who regulate and monitor the correct use of animals or humans in medical research.		●			●	●
Laboratory Assistants/Technicians help medical staff, scientists and researchers in the laboratory setting.	●	●		●	●	●
Medical Doctors provide medical care to humans, work on advances in medical procedures and surgical techniques, and discover new drugs and medical treatments.		●		●		
Medical Imaging / Diagnostic Radiographers use radioactive materials and diagnostic equipment to produce high quality images to help the diagnosis and treatment of health conditions		●	●	●		
Medical Technologists perform laboratory tests in medical and hospital diagnostic laboratories.		●		●		
Nuclear Medicine Technologists use radioactive materials and diagnostic equipment to help with the diagnosis and treatment of health conditions.		●	●	●		
Oncology Nurses help doctors provide care and administer treatment for cancer patients in clinical settings.		●	●	●		
Pathologists analyse the biochemistry of the body to detect and monitor disease and explore the causes and nature of disease.		●	●	●		
Pharmaceutical Technicians assist researchers in discovering and creating new medicines.		●			●	●
Pharmacologists create new compounds and study the interaction of drugs on the systems and processes of living animals for therapeutic & other uses.		●	●	●	●	●
Pre-Clinical Trials Associates work with scientists testing new drugs and procedures on animals prior to testing on humans.		●	●		●	
Radiologists use different kinds of imaging techniques to help diagnose and treat/or disease.		●	●	●		
Radiation Therapists design, plan and administer radiation to cancer patients.		●	●	●		
Research Assistants/Laboratory Technicians work with scientists, doctors, and pathologists in research and diagnostic laboratories assisting in experiments, analysing data, and maintaining equipment.		●			●	●
Researchers/Scientists study medical conditions and conduct experiments in all fields of biomedical research to develop new medical techniques, devices, treatments, and medicines.		●	●	●	●	●
Statisticians use computers to help researchers design experiments and analyze the results by collecting, analysing, interpreting, presenting, and organising data.		●	●			