

Therapeutic Sciences

The Therapeutic Sciences Graduate Program (TSGP) consists of a Therapeutic Sciences PhD program and a Biotechnology Master's program (ScM and AM). TSGP also includes MD/PhD students and 5th-year masters students from Brown, and shared activities and courses promote a sense of community within all of TSGP. The Therapeutic Sciences PhD program was recently developed to be an expansion and replacement of our longstanding PhD programs in Molecular Pharmacology & Physiology (MPP) and Biotechnology (Biotech). The Therapeutic Sciences PhD focuses on pharmacology, physiology and biotechnology, as well as additional scientific fields that are part of the broader area of therapeutic sciences, such as studies of drug targets in the immune system that are important in treating infectious diseases, characterization of brain mechanisms of addiction with an eye toward therapy, studies of molecular interactions in disease processes, understanding and preventing cancer growth and metastasis, and applications of cell- and tissue-based therapies. Thus, TSGP provides advanced training appropriate for academic and research careers in the fields of biology and medical sciences with a focus on determining disease mechanisms and drug actions, and developing novel therapies. The PhD program is funded in part by an NIH training grant (T32) through the NIGMS Program in Pharmacological Sciences

For further information on admission and program requirements, please visit: <https://www.brown.edu/graduateprograms/biomed-therapeutic-sciences-phd> (<https://www.brown.edu/graduateprograms/biomed-therapeutic-sciences-phd/>)