

# Molecular Pharmacology and Physiology

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The graduate program in Molecular Pharmacology and Physiology offers advanced training appropriate for academic and research careers in the fields of biology and medical sciences that include:

1) neuropharmacology, neurophysiology and neural circuit function; 2) receptor and ion channel pharmacology, physiology and signal transduction; 3) structures and interactions of biological molecules and their roles in disease; 4) translational and clinical applications of pharmacology & physiology; 5) chemical biology, biophysics and their applications; and 6) cancer biology and therapeutics. Programs of study and research are developed individually in consultation with the student's advisor and advisory committee and are designed to ensure expertise in the student's principal field. The Molecular Pharmacology & Physiology Program offers a Doctor of Philosophy (Ph.D.) degree.

The Molecular Pharmacology & Physiology Program will no longer accept applications effective 2022. For those interested in the Ph.D. degree, we ask you to consider the Therapeutic Sciences Graduate Program.

For more information on the program in Therapeutic Sciences, please visit: (<https://www.brown.edu/graduateprograms/biomed-therapeutic-sciences-phd/>)<https://www.brown.edu/graduateprograms/biomed-therapeutic-sciences-phd/> (<https://www.brown.edu/graduateprograms/biomed-therapeutic-sciences-phd/>) and <https://www.brown.edu/academics/tsgp/>