

**Pharmacology World**  
Author: Michael W. Lee, Ph.D



## Description:

### About Pharmacology World

Pharmacology World videos are a series of videos that:

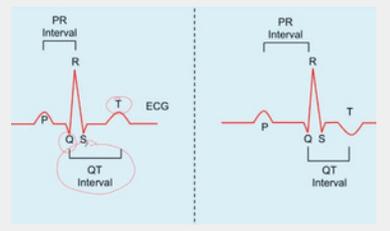
- Help you master the key concepts of pharmacology.
- Cover all major drug classes and include: mechanism of action, key pharmacokinetics, major therapeutic uses, and common and serious adverse effects.
- Incorporate relevant physiology, pathophysiology and biochemistry.
- Can be used to fill the void in lectures or in curriculums lacking pharmacology.
- Prepare you for course exams and national licensing exams.

### Pharmacology World Resources

- [Pharmacology World Introductory Video](#)

### Recent Updates

- 2025
  - Hypothalamic and Pituitary Pharmacology
  - Treatment of Diabetes
- 2024
  - Cell Wall Synthesis Inhibitors
  - Thyroid Pharmacology



## About the Creator

Dr. Michael Lee is a tenured Professor of Pharmacology in the Department of Medical Education at the Geisel School of Medicine at Dartmouth. He has been involved in teaching every area of pharmacology for over 20 years to students across the health sciences including undergraduate, graduate, medical, pharmacy, dental, and optometry students.

He began his career in the Department of Molecular Pharmacology and Physiology at the University of South Florida Morsani College of Medicine where he completed master's and doctoral degrees in Medical Sciences with a concentration in pharmacology. After completing his studies, Dr. Lee became a post-doctoral fellow in the Department of Biochemistry at the University of Florida College of Medicine.

He has served on the faculty at several pharmacy and medical schools including as a founding faculty member at the University of Central Florida College of Medicine in Orlando, Florida and at the Dell Medical School with the University of Texas at Austin.

Dr. Lee is actively engaged in medical education research, which is aimed at developing tools and strategies to improve student learning and the long-term retention of pharmacology knowledge. He is a Fellow ASPET Academy of Pharmacology Educators (FAAPE) in the ASPET Division of Pharmacology Education where he also currently serves as the Chair of the division.

## Awards and Honors

- Inducted into the Academy of Pharmacology Educators as a Fellow ASPET Academy of Pharmacology Educators (FAAPE) American Society of Pharmacology and Therapeutics (ASPET) (2024)
- Inducted into the University of Texas System Kenneth I. Shine Academy of Health Science Education University of Texas System (2022)
- Excellence in Teaching Award, Dell Medical School at the University of Texas at Austin (2021)
- Excellence in Teaching Award, Dell Medical School at the University of Texas at Austin (2020)
- Inducted into the Dell Medical School Academy of Distinguished Educators, Dell Medical School at the University of Texas at Austin (2020)
- Excellence in Teaching Award, Dell Medical School at the University of Texas at Austin (2019)
- Teaching Career Enhancement Award, American Physiological Society (2018-2020)
- Scholarship of Teaching and Learning Award University of Central Florida College of Medicine (2015)
- Competitive Research Grant, University of Central Florida College of Medicine (2012-2013)
- Golden Apple Award, University of Central Florida College of Medicine (2010-2011)
- Recognition of Innovation from University of Central Florida College of Medicine Class of 2013 (2010-2011)
- Faculty Development Grant, Samford University McWhorter School of Pharmacy (2008-2010)
- Faculty Development Grant, Pacific University School of Pharmacy (2007)
- American Heart Association Pre-Doctoral Fellowship, University of South Florida Morsani College of Medicine (2002-2004)