

Pursue a **PhD** in the Biomedical Sciences



**Weill Cornell
Medicine**

**Graduate School
of Medical Sciences**

A partnership with the Sloan Kettering Institute

WHY WCGS?

- Location: New York City's Scientific Corridor on the Upper East Side
- Research: Drug discovery, cancer research, stem cell research and translational medicine
- Stipend: \$41,000 per academic year, full tuition scholarship and subsidized housing

WCGS Overview

- Collaboration of two leading research institutions—Weill Cornell Medicine (WCM) and Sloan-Kettering Institute (SKI)
- Over 285 research faculty members, selected for their research excellence and academic mentorship

Student Body

This year's incoming class of 66 is one of the most diverse classes to date, both ethnically and culturally:

- 50% Female, 50% Male
- Representing 15 different countries
- Over 20% underrepresented students from the US

Student Life

- Affordable housing within a few blocks of classrooms and laboratories and just blocks away from Central Park and the East River
- Access to New York City's wide range of cultural and recreational activities
- Student organizations, meetings, scientific conferences, social activities and events

Teaching Opportunities

Opportunities, including: High school teaching, graduate school teaching assistantships and others are available, but not required.



Career Opportunities

- Dedicated Career Services Professional available for one-on-one career coaching and advising
- Regular career development workshops
- Frequent visits and talks from alumni, recruiters and career advisors
- Postdoctoral and research associate positions in top-ranked laboratories
- Science-based careers in academia, biotechnology, consulting, medical writing, patent law and others

Stipend & Tuition

Each student accepted to the PhD degree-granting program is awarded:

- Generous stipend of \$41,000 to support basic living expenses for 2019-2020 academic year
- Full tuition scholarship covering all tuition and academic fees
- Full health benefits
- Affordable subsidized housing in New York City

For More Information: <http://gradschool.weill.cornell.edu> • **To Apply:** <http://bit.ly/WCGS-Apply>
Questions?: WCGS-Admissions@med.cornell.edu



Neuroscience Program

Students interact closely with faculty studying development and function of the nervous system from a wide variety of scientific disciplines, including:

- Molecular genetics
- Biochemistry
- Pharmacology
- Quantitative Biology
- Electrophysiology
- Computational and Neuroscience
- Systems Biology
- Neuroimaging

Physiology, Biophysics & Systems Biology Program

Engages students in education through research in current and innovative aspects of three synergistic components of quantitative biomedicine:

- Physiology – Examines the functions of cells, tissues, and organs;
- Biophysics – Looks at application of principles of physics to biological processes;
- Systems Biology – Focuses on the complex interactions between the molecular, cellular and tissue components of organisms.

BCMB Allied Program

Operates as an alliance between three affiliates:

Biochemistry & Structural Biology

The Biochemistry & Structural Biology program offers opportunities for advanced training in the application of biochemical, structural, biophysical, and imaging methods to addressing questions relating to biological processes and mechanisms.

Cell & Developmental Biology

The Cell & Developmental Biology program comprises over 75 faculty members whose research focuses on a wide range of topics related to the control of normal and malignant cell growth, differentiation, and tissue development.

Molecular Biology

The Molecular Biology program provides unique research training to students in the molecular pathways involved in control of cell growth.

Immunology & Microbial Pathogenesis Program

Offers an unusually broad and rich training ground for the next generation of immunologists, in several areas of focus:

- Microbial immunity
- Tumor immunology
- Molecular and cellular immunology
- Lymphocyte and leukocyte biology
- Autoimmunity and inflammation
- Host-pathogen Interactions
- Host Commensal Microbiome

Pharmacology Program

Trains students in the underlying scientific foundations of modern pharmacology:

- Chemistry and chemical biology
- Molecular biology
- Receptor biology
- Neurosciences
- Cell and organ physiology

ADMISSIONS TIMELINE



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online at <http://bit.ly/WCGS-Apply>