

SAINT LOUIS UNIVERSITY™

GRADUATE EDUCATION

Molecular Microbiology and Immunology + School of Medicine

Saint Louis University is a world-class Catholic, Jesuit institution educating nearly 13,000 students on two dynamic, urban campuses - in St. Louis, Missouri, and Madrid, Spain. Founded in 1818, the University is celebrating its bicentennial.

With a legacy of innovative academics and research, compassionate health care and faithful service, Saint Louis University attracts a diverse community of scholars who push intellectual boundaries in pursuit of creative, meaningful ways to impact the world, striving to serve a higher purpose and seek a greater good.

OVERVIEW >>

The department of molecular microbiology and immunology (MMI) offers a graduate program in molecular and cellular virology and immunology leading to a Ph.D. degree. The goal of the MMI graduate program is to graduate exceptionally well-trained researchers who are prepared for a career in academic science or biotechnology. Research in the MMI doctoral program is diversified. Areas of research emphasis include cell and molecular biology, virology and immunology.

Graduate instruction in the MMI program includes:

- Advanced coursework
- Training in scientific writing and oral presentation skills
- Training in teaching skills for students interested in an academic career
- Performance of original biomedical research leading to scholarly publications and the Ph.D. dissertation

Although each Ph.D. candidate will have a least one primary mentor within the MMI department, the responsibility for the education of each student ultimately lies with faculty of the MMI department as a whole.

Students with a bachelor's degree enroll in the MMI doctoral program following completion of the year-long basic biomedical sciences core program. This one-year program provides a strong foundation for subsequent specialization in microbiology and/or immunology and allows the student the opportunity to rotate through various laboratories in the Health Sciences Center before choosing a specific field of study. Students with a master's or doctoral degree may be considered for direct entry into the MMI doctoral program. Students are also accepted into the MMI doctoral program through the Saint Louis University M.D./Ph.D. program. In all cases, students select a mentor within the MMI department with whom to conduct their dissertation research and are then formally accepted into the MMI doctoral program.

The state-of-the-art research laboratories in the MMI department are located in the newly constructed Doisy Research Center together with other basic science departments in the Saint Louis University School of Medicine.

The 13 primary and 14 secondary faculty in the MMI department have strong independent research programs funded by the government, research foundations and industry. The faculty serve on national peer-review panels and journal editorial boards and are often invited to present their work at other institutions. Their research is published in highly visible scientific journals.

CONTACT INFORMATION >>

Molecular Microbiology and Immunology

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WEB | medschool.slu.edu/mmi

APPLICATION DEADLINE >>

Ph.D.

FALL | Feb. 1

SPRING | N/A

SUMMER | Feb. 1

Deadlines for assistantships are listed online.

DEGREES & PROGRAMS >>

- Doctor of Philosophy (Ph.D.)

COURSES AVAILABLE >>

DAYS NIGHTS WEEKEND ONLINE

APPLICATION REQUIREMENTS >>

- Application form and fee (if applicable)
- Transcript(s)
- Three letters of recommendation
- GRE G scores
- Résumé or curriculum vitae
- Professional goal statement
- Interview

ADMISSION CRITERIA >>

A Bachelor of Science, Bachelor of Arts, Master of Science, Master of Arts or doctoral degree is required, including coursework in the biological sciences, organic chemistry and mathematics.



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FACULTY >>

Rajeev Aurora, Ph.D.
James Brien, Ph.D.
R. Mark L. Buller, Ph.D.
Govindaswamy Chinnadurai, Ph.D.
Richard J. DiPaolo, Ph.D.
Duane P. Grandgenett, Ph.D.
Maurice Green, Ph.D.
Daniel Hawiger, M.D./Ph.D.
Lynda A. Morrison, Ph.D.
Amelia Pinto, Ph.D.
John E. Tavis, Ph.D.
Ryan Teague, Ph.D.
William S. M. Wold, Ph.D.

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PROGRAM HIGHLIGHTS >>

The molecular microbiology and immunology program at SLU offers students:

- Cutting-edge biomedical research
- Personalized training
- Training in scientific communication.

FINANCIAL SUPPORT >>

Financial aid is available, and all first- and second-year students receive a nationally competitive student stipend as well as tuition waivers. Health insurance is also provided by the core program. Stipends, health benefits and tuition costs are the responsibility of the student's advisor or doctoral program during the final years of their graduate study and are most commonly provided by research grants or contracts.



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