Committee on Immunology

Chair
• Bana Jabri, Medicine

Professors
• Erin Adams, Biochemistry and Molecular Biology
• Maria Luisa Alegre, Medicine
• John Alverdy, Surgery
• Albert Bendelac, Pathology
• Eugene Chang, Medicine
• Alexander Chervonsky, Pathology
• Anita Chong, Surgery
• Marcus Clark, Medicine
• Aaron Dinner, Chemistry
• Thomas Gajewski, Pathology and Medicine
• Yoav Gilad, Human Genetics
• Tatyana Golovkina, Microbiology
• Chuan He, Chemistry
• Jeffrey Hubbell, Pritzker School of Molecular Engineering
• Bana Jabri, Medicine
• Barbara Kee, Pathology
• Rima McLeod, Surgery
• Cathryn Nagler, Pathology
• Eric Pamer, Medicine
• Glenn Randall, Microbiology
• Anthony Reder, Neurology
• Raymond Roos, Neurology
• Hans Schreiber, Pathology
• Anne I. Sperling, Medicine
• Melody Swartz, Pritzker School of Molecular Engineering
• Patrick Wilson, Medicine

Associate Professors
• Luis Barreiro, Medicine
• Aaron Esser-Kahn, Pritzker School of Molecular Engineering
• Fotini Gounari, Medicine
• Justin Kline, Medicine
• Peter Savage, Pathology

Assistant Professors
• Nicolas Chevrier, Pritzker School of Molecular Engineering
• Daria Esterhazy, Pathology
• Jun Huang, Pritzker School of Molecular Engineering
• Andrew Koh, Pathology
• Samantha Riesenfeld, Pritzker School of Molecular Engineering
• Randy Sweis, Medicine

The Committee on Immunology offers a graduate program of study leading to the Doctor of Philosophy degree in Immunology. The committee is dedicated to the open exchange of ideas among scholars of all fields, a commitment enhanced by an organizational structure that completely integrates the basic biological sciences with the clinical sciences. This multidisciplinary and integrated approach corresponds well with the reality of the new biology, where molecular and structural techniques are applied widely and with great success to clinical problems.
The Committee on Immunology is a member of the Biomedical Sciences Cluster, which also includes graduate programs from the Committee on Cancer Biology, Committee on Microbiology, and the Committee on Molecular Metabolism and Nutrition. The four academic units share several common courses, a seminar series and additional common events for students and faculty within the cluster. The goal of the cluster system is to encourage interdisciplinary interactions among both trainees and faculty, and to allow students flexibility in designing their particular course of study.

In addition to formal course work, the Committee on Immunology sponsors a weekly seminar series, an annual retreat where students and faculty present their research, and several focused group meetings.

**ADMISSION**

Prospective students interested in obtaining the Ph.D. in Immunology should submit an application to the Biological Sciences Division by December 1st of each year; indicate their cluster of interest as Biomedical Sciences and select Immunology as their proposed degree program.

**THE DEGREE OF DOCTOR OF PHILOSOPHY**

Ph.D. requirements include:

- Completion of 9 course credits consisting of basic science, immunology and elective courses.
- A preliminary examination.
- A dissertation based on original research.
- A final thesis examination.

**COMMITTEE ON IMMUNOLOGY COURSES**

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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>IMMU 30010</td>
<td>Immunopathology</td>
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<td>IMMU 30266</td>
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<td>IMMU 30810</td>
<td>Cancer Immunology</td>
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<td>Ethics in Scientific Research</td>
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<td>Molecular Mechanisms of Immune Cell Development and Function</td>
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