Hello,

Are you interested in a career in the biotech or pharma industry? Do you want to see how science is conducted in a real-world industrial setting? We are excited to announce the launch of a new course called **20.S947 Research Experience in Biopharma Industry**. This for-credit class is a perfect opportunity for graduate students to get hands-on experience at one of three local companies: Pfizer, Novartis, or Merrimack Pharmaceuticals. For more information, please fill out the [sign-up sheet](#)!

**20.S947 Research Experience in the Biopharma Industry**

**Instructors:** D. Lauffenburger, A. Keating, R. Reddy, N. Stebbins  
**Units:** 12 (1-10-1)  
**Lecture:** Monday 3-4

**Description:**
20.S947 is a revolutionary new class focused on giving students hands-on experience in the biotechnology industry by conducting an off-site research experience at Pfizer, Novartis, or Merrimack Pharmaceuticals. Students will be paired with an individual company mentor, who they will work closely with on a project team for 10 hours / week, and attend a weekly 1-hour lecture focused on professional development and industry perspective.

The immersive company experience will provide students an opportunity to observe and participate in industrial science. Students will use their project as a real-time ‘case study’ to internalize the factors that shape R&D in industry, including the purpose and scope of a project, key decision points in the past and future, and strategies for execution. Through the semester, students will utilize company resources and work with a scientific team to contribute to the goals of their assigned project.

Project are hosted in a range of departments including:

- Process Development  
- Bioinformatics and Computational Biology  
- Chemical Proteomics  
- Preclinical Drug Development  
- Business Development

Projects will focus on various therapeutic including:

- Oncology  
- Respiratory Disease  
- Translational Neuroscience

Enrollment is limited to MIT Ph.D. candidates who have passed all qualifying exams.

If you are interested in this course, please fill out [this form](#) and the instructor team will contact you. Please email [reb_instructors@mit.edu](mailto:reb_instructors@mit.edu) with any other questions about this course.