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Welcome to the Weill Cornell Graduate Program in Pharmacology

Pharmacology is the study of actions and uses of chemical agents on living organisms; the chemical agents include drugs, endogenous compounds, and toxins. In addition to therapeutic applications, drugs are employed as molecular probes to deduce biological mechanisms at the atomic, cellular, organ and organismal levels. The emphasis of research in our Program is on molecular and biochemical mechanisms and signal transduction processes; however, opportunities also exist to study drug action at pre-clinical and clinical levels.

Program faculty members are mainly from the Department of Pharmacology of the Weill Cornell Medical College of Cornell University and the Program of Molecular Pharmacology and Therapeutics of the Sloan-Kettering Institute for Cancer Research. Our interdisciplinary faculty has broad scientific interests, providing students with a diverse range of cutting-edge research opportunities.

Lorraine Gudas, Ph.D.                  David Scheinberg, M.D., Ph.D.       Yueming Li, Ph.D.
Program Chairman                     Program Chairman                    Program Director
WCMC                                 MSKCC

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* Sloane-Kettering Institute
PHARMACOLOGY PROGRAM
FACULTY, STUDENT, & STAFF DIRECTORY

To view our current students and contact information:
http://www.cornellpharmacology.org/students/students_2015.html

To find a Weill Cornell contact:
http://weill.cornell.edu/visitors/phone-email-directory.html

To find a Sloan Kettering contact:
http://www.mskcc.org/research/directory
Course of Study
In the first year, students will complete a core curriculum that includes the following courses:

Quarter I:
- **Essential Principles of Pharmacology** *(One week introduction to pharmacology)*
  - Dr. Inturrisi and Dr. Szeto, Co-directors
- **Principles of Pharmacology I: Chemical Biology**
  - Drs. Sauve and Luo, Co-Directors
- **Logic and Experimental Design** *(students can be exempted if they pass the exam given at the beginning of the course)*
  - Dr. John Wagner (Neuroscience Program), Director
- **Critical Analysis of the Scientific Literature in Pharmacology**
  - Drs. Jaffrey and Gross, Co-Directors

**MANDATORY COURSE:** Tri-Institutional Course - (Responsible Conduct of Research, RCR)
  - Dr. Mary Simmerling, Course Director, Dr. Helene Brazier-Mitouart, Co-Director

Quarter II:
- **Principles of Pharmacology II: Signal Transduction**
  - Drs. Jaffrey and Gross, Co-Directors
- **Logic and Experimental Design**
  - Dr. John Wagner, Director
- **Critical Analysis of the Scientific Literature in Pharmacology**
  - Drs. Jaffrey and Gross, Co-Directors

Quarter III:
- **Principles of Pharmacology III: Principles and Systems Pharmacology**
  - Drs. Levi and Levin, Co-Directors
- **Neuropharmacology I: Genes, Drugs and Behavior**
  - Dr. Toth, Director
- **Pharmacology Seminar Series**
  - Dr. Rifkind, Director

Quarter IV:
- **Principles of Pharmacology IV: Molecular Pharmacology of Cancer**
  - Drs. Li and Scheinberg, Co-Directors
- **Neuropharmacology II: Neuropeptides and Pain and Drugs of Abuse**
  - Drs. Inturrisi and Szeto, Co-Directors
- **Pharmacology Seminar Series**
  - Dr. Rifkind, Director

Students will also complete one 2-quarter elective and a 1-quarter required course titled, Quantitative Biology by course director, Dr. Jason Banfelder by June of their second year. The 2-quarter elective must be selected from the following:

- Biochemistry and Structural Biology (Qtrs. I and II)
- Fundamental Immunology (Qtrs. I and II)
- Molecular Genetics (Qtrs. I and II)
- Cell Biology (Qtrs. III and IV)
- Gene Structure and Function (Qtrs. III and IV)
- From Bench to Bedside: Business Fundamentals for Entrepreneurial Scientists (Qtr. I)
- Methods in Pharmacology (one-quarter course, offered in Qtr. III)
The Graduate School also has an Exchange Program/Inter-University Registration with CUNY. Please use the following URLs to search for graduate courses: http://www.gc.cuny.edu/About-the-GC/Resources-Services/Governance-Policies-Procedures/Document?id=4330. If you are interested in registering for any of the CUNY courses please contact Registrar, The Graduate School registrar, directly.

In addition to coursework, students are required to participate in a bi-weekly student-run Pharmacology Journal Club and the annual Vincent DuVigneaud Research Symposium, held every May. During the period of thesis research, students continue to register for and participate in the Pharmacology Seminar Series and attend all Pharmacology Program seminars, including the WMC Department of Pharmacology Seminar Series and the SKI Molecular Pharmacology & Chemistry Seminar Series.

Laboratory Rotations

Each student is required to complete three laboratory rotations. Rotations are intended to assist the student in selecting a lab and identifying a mentor for their thesis research; they also provide an opportunity for the student to participate in the diverse research activities available within the Program. Exposure to the research interests of faculty will be presented during the Sept/Oct Meet the Faculty sessions (see attached schedule). Rotations are typically 8-10 weeks in duration, but may be longer during a period in which the student is actively engaged in course work (but no longer than 3 months).

More than 3 rotations are available to students who desire additional laboratory exposure prior to selecting a thesis lab.

Pharmacology Program Retreat
http://www.cornellpharmacology.org/program/spring.html

The Pharmacology Program holds an annual retreat each Spring - usually two days at a country inn. Members of the Program gather for a series of informal scientific talks and poster presentations by students and postdocs, describing their research activities. The retreat also provides a relaxed setting for social and sporting activities that provide graduate students with an opportunity to get better acquainted with postdocs and faculty members in the Program.

All Pharmacology Program students attend and participate in the scientific program of the Retreat. Students in years 3 and 5 present research talks while all other students present posters describing their research. Students from other programs who are doing thesis research in labs of Pharmacology Program Faculty are also invited to attend and participate.

Student Mentoring

During the first two years, students’ progress in course work and laboratory rotations is supervised by the Program Director. During the summer after the first and second years, each student is scheduled to meet with the Program Co-Chairs and Director to review the previous year’s performance. This meeting also represents the student’s opportunity to provide feedback on the required curriculum and Graduate Program.

Typically by the end of the first quarter of the second year, each student has selected a thesis lab and major sponsor (thesis advisor) in the Pharmacology Program. Once a thesis lab is chosen, a Special Committee is created by the student. The Special Committee consists of the major faculty sponsor and two minor faculty sponsors chosen from among all members of the graduate school faculty. Selection of the minor faculty sponsors is made by the student and major sponsor based on expertise in the student’s dissertation research subject area.

The Special Committee meets at least once a year to discuss research progress and future plans with the student. The Special Committee also serves as the core group of examiners for the student’s Admission-to-Candidacy and Thesis Defense examinations. Changes in the Special Committee composition may be made by the student at any time, with approval of the major sponsor and Pharmacology Program Director.
Admission-to-Candidacy (ACE) Exam
http://www.cornellpharmacology.org/program/ace.html

The objective of the Admission-to-Candidacy examination is to affirm that the student has attained the breadth of knowledge commensurate with the high standards of the Degree of Doctor of Philosophy; and that the student is ready to undertake full-time thesis research.

Pharmacology PhD students MUST take the Admission-to-Candidacy Exam (ACE) by March 31st of their second year. The ACE Examining Committee consists of five individuals: a chairperson, three other faculty, and one additional examiner to be selected by the student and approved by the Program Director. At least two faculty members must be faculty in the Pharmacology PhD Program. All examiners must be faculty members in the Weill Graduate School of Biomedical Sciences.

The Admission to Candidacy Examination (ACE) consists of two parts: written and oral. For the written part, the student crafts a research proposal that poses and tests a novel hypothesis, in a subject area that can either be the topic of the student's intended thesis research or a research topic unrelated to his or her thesis research. The selected hypothesis is expected to be creative, insightful, and testable by an experimental plan devised by the student. The proposed experiments should be of a magnitude and scope suitable for a fellowship application, i.e. realistic for completion by one graduate student in a 2-3 year time frame. Once the ACE topic is approved by the Program Director, the student is free of all responsibility to the thesis lab and given one month to write the written proposal. The P.I. of the lab should NOT assist the student in preparing the written proposal. Once the written component of the ACE has been prepared by the candidate, and before the remainder of the ACE committee receives the written portion, the PI must sign off on it, indicating that it is the candidate's own work, and that he/she has not read the proposal. An email to this effect to the Program Director, cc'ed to the Program Coordinator, Aileen Ibagon aii2002@med.cornell.edu, will suffice. The text of the written proposal is limited to eight single-spaced, typewritten pages (including figures and tables, but excluding references) in a 12 point font with 0.75 inch margins all around. The student distributes the written proposal to each member of their ACE Committee two weeks before the exam. After submission, the student may discuss the proposal with the faculty members of his/her ACE Committee. The student schedules the oral exam for approximately two weeks later. This oral exam should be scheduled in advance of submitting the written proposal. The oral exam is intended to test the student's factual knowledge of pharmacology and related disciplines as well as his/her ability to process, organize, and evaluate scientific data.
Checklist for ACE proposals

Students: this form should be distributed to each of the three Special Committee members along with your final draft of the written ACE. The completed form can be collected from committee members after one week. The oral ACE exam should already have been scheduled before submission of the written proposal. If the written is not correctly prepared; i.e., there are checks under the “no” column, the student must revise the proposal, indicating where changes have been made. This revised proposal is then distributed to the entire Examining Committee (along with copies of the checklist from the first submission). The first charge of the Examining Committee during the oral ACE is to determine the suitability of the revisions made by the student.

YES NO

1. Overall appearance and format
   • Is the title clear and appropriate?
   • Is the proposal free of typographical, spelling, and grammatical errors?
   • Are the references in a uniform format with full titles (The preferred format is the one used in Cell)? Is information in the proposal cited appropriately?
   • Is the writing, in general, simple, concise and readable?
   • Are the paragraphs organized and do they display an underlying logical thought process?
   • Are basic principles of technical writing followed with appropriate use and formatting of headings and subheadings?
   • Is the proposal 8 pages or less (including figures but excluding references).
   • Are figures included to aid the narrative? Are they appropriately referred to in the text and adequately explained in the legends?

2. Specific Aims
   • Are the Specific Aims clearly stated at the beginning of the proposal?
   • Is there a central hypothesis? Is it explicitly stated? Is it testable?
   • Are the Aims related to each other and are they presented with a logical flow?
   • Are the specific aims, in general, of sufficient complexity and depth for an ACE proposal?
   • Are the Aims expressed as “headlines” with a brief expansion following each one?

3. Background and Significance
   • Is there a section devoted to background?
   • Is the Background section divided into separate topics using subheadings?
   • Does the background display a sufficient knowledge base? Is the background devoid of extraneous unrelated information?
   • Is there a proposed model, describing the field and identifying questions that require investigation?
   • Has the student presented a rationale that justifies exploration of these questions? Does the student present a reason why these experiments should be done?

4. Experimental Design and Methods-Format
   • Is there an Experimental Design section?
   • Is this section subdivided as defined by the Specific Aims? Are these Specific Aims identical to those in the Specific Aims section?
   • Are the individual sections divided into sub-Aims?

5. Experimental Design and Methods-Rationale and Approaches
   • Is a rationale provided for each Aim?
   • Does the proposal describe ways to interpret the data obtained?
   • Does the proposal include alternate approaches in case the proposed methods fail? (Only a few alternate approaches are required for a “Yes”).
6. Choice of Topic, Aims, and Approaches

- Is the central hypothesis reasonable and generated from a logical assessment of the background data?
- Are the approaches to each Aim and sub-Aim, in general, reasonable? (The appropriateness of the chosen approaches may be a topic of discussion during the oral part of the ACE exam). Are the approaches of sufficient depth, complexity, and thoroughness for the ACE proposal?
- Are the experiments of the proposal founded in a solid rationale?
- Do the proposed experiments address the central hypothesis?
- Will the results of the proposed experiments be capable of addressing the central hypothesis?
Annual Committee Meetings
http://www.cornellpharmacology.org/program/meeting.html

The student is responsible to schedule their first meeting with their Special Committee 3 months after successfully passing ACE examination and have at least one meeting a year after that to discuss research progress and future plans. The following should be thought of as an outline for your annual committee meetings. Students should fill in this outline or write a short paragraph describing their research to be distributed to their committee at least one day prior to the scheduled meeting.

1) The question I want to answer/the goal of my research/my hypothesis tested.
2) What I’ve accomplished thus far.
   The committee will be asked whether the data are convincing.
   Does the committee have suggestions for improving the data or its presentation?
3) What I plan to pursue.
   Does the committee agree this plan is justified? Interesting? Worthwhile?
4) How I am pursuing those goals right now.
   SHOW DATA (Both positive and negative).
   The committee will be asked whether the data are convincing.
   Suggestions for improving the data or its presentation.
   Detail problems encountered.
   Suggestions for overcoming these problems.
   Suggestions for alternative approaches.
5) Any other comments or suggestions from the committee

At the meeting, once the committee has assembled, the student will be excused to permit the faculty to discuss the student’s progress with the major sponsor. Then the student will present the work they have accomplished and the work they are currently pursuing, in accordance with the outline above. When necessary, the student may be excused again at the end of the meeting to permit the committee to re-evaluate the student’s progress with the mentor.

Your outline and the signed reports from each member of the committee should be given by one of the committee members to Aileen Ibagon in Room E-409, who will submit them to the Graduate School office. Do not submit them to the Graduate School office yourself.

Thesis Research and Defense
http://www.cornellpharmacology.org/program-defense.html

Thesis research is typically completed within 4-6 years of tenure in the Program. At a final Special Committee meeting, the student should present a proposed outline of their thesis as well as ‘final’ versions of their data and figures for approval by the Special Committee. Following this final approval of the Special Committee, the thesis is written by the student under the direction of the Major Sponsor.

The Oral Thesis Defense (Final Examination for the degree of Ph.D.) is scheduled with the Graduate School Office at least 30 days in advance. A completed written thesis must be submitted to the Examining Committee two weeks prior to the Thesis Defense date. The first part of the Thesis Defense is public (friends and family are welcome) and consists of a 40-60 min seminar-style presentation by the student that summarizes their thesis research. This is followed by the departure of all attendees, other than the student, Examining Committee, and members of the graduate school faculty who wish to observe the exam. The Examining Committee consists of four members: the Special Committee (major and two minor sponsors), and a chairperson (appointed by the Dean of the Graduate School). If desired by the student, an external examiner (selected by the student and major sponsor) can also join the committee. A successful oral defense and acceptance of the written thesis will result in a recommendation to the Dean for award of the Ph.D. degree in Pharmacology.
Weill Cornell Graduate School of Medical Sciences
2015-2016
Academic Calendar

2015

Independence Day Holiday Observed.................................................. Friday, July 3, 2015
Quarter 1 & Quarter 2 Advanced Registration (Current Students)........... Monday, July 6, 2015 - Friday, August 28, 2015
August Degree Dissertation/Thesis Submission Deadline.................. Friday, July 31, 2015 (Noon)
Summer Research Session Ends....................................................... Friday, August 7, 2015
August Degree Conferral............................................................... Monday, August 17, 2015
New Student Orientation & Registration........................................... Monday, August 17, 2015 - Friday, August 28, 2015
Quarter 1 Begins ............................................................................. Monday, August 31, 2015
Last week to Drop/Add a Quarter 1 course...................................... Monday, August 31, 2015 - Friday, September 4, 2015
Labor Day Holiday........................................................................... Monday, September 7, 2015
Last date to Withdraw or declare an Audit for a Quarter 1 Course.... Friday, September 18, 2015
Quarter 1 Ends ................................................................................. Friday, October 30, 2015
Quarter 2 Begins................................................................................ Monday, November 9, 2015
Last week to Drop/Add a Quarter 2 course...................................... Monday, November 9, 2015 - Friday, November 13, 2015
Thanksgiving Day Recess................................................................. Thursday, November 26, 2015 - Friday, November 27, 2015
Quarter 3 & 4 Advanced Registration............................................... Monday, November 30, 2015 - Sunday, December 13, 2015
Last date to Withdraw or declare an Audit for a Quarter 2 Course.... Friday, December 4, 2015
Winter Recess (2 weeks).................................................................. Monday, December 21, 2015 - Friday, January 1, 2016

2016

February Degree Dissertation/Thesis Submission Deadline............... Friday, January 15, 2016 (Noon)
Quarter 2 Ends.................................................................................. Friday, January 15, 2016
Martin Luther King, Jr. Birthday Holiday........................................ Monday, January 18, 2016
Quarter 3 Begins................................................................................ Tuesday, January 19, 2016
Last week to Drop/Add a Quarter 3 course...................................... Tuesday, January 19, 2016 - Friday, January 22, 2016
February Degree Conferral............................................................... Monday, February 1, 2016
Last date to Withdraw or declare an Audit for a Quarter 3 Course.... Friday, February 5, 2016
Recruitment Days............................................................................ TBA
President’s Day Holiday................................................................. Monday, February 15, 2016
Quarter 4 Ends.................................................................................. Friday, March 18, 2016
Spring Break Week........................................................................... Monday, March 21, 2016 - Friday, March 25, 2016
Quarter 4 Begins................................................................................ Monday, March 28, 2016
Last week to Drop/Add a Quarter 4 course...................................... Monday, March 28, 2016 - Friday, April 1, 2016
36th Annual Vincent duVigneaud Memorial Research Symposium.... TBA (No Classes)
Last date to Withdraw or declare an Audit for a Quarter 4 Course.... Friday, April 15, 2016
May Degree Dissertation/Thesis Submission Deadline.................. Friday, May 6, 2016 (Noon)
Quarter 4 Ends.................................................................................. Friday, May 20, 2016
Commencement Ceremony (Uris Auditorium, 10:30 am)................. Wednesday, May 25, 2016
May Degree Conferral..................................................................... Wednesday, May 25, 2016
Memorial Day Holiday..................................................................... Monday, May 30, 2016
Summer Research Session Begins................................................... Monday, June 13, 2016
Independence Day Holiday............................................................. Monday, July 4, 2016
Summer Research Session Ends...................................................... Friday, August 5, 2016

Note: The Academic Calendar dates are subject to change at any time by official action of the Weill Cornell Graduate School of Medical Sciences of Cornell University.
**Guidelines for Student Journal Club**

**General Information:**

The Pharmacology Graduate Student Journal club is a regular meeting of Pharmacology graduate students interested in biomedical research. We welcome anyone who is interested in attending!

Students meet once every two weeks, with a few exceptions for holidays and social events. The philosophy behind this student-run Journal Club is that giving talks, whether about your own research or about journal articles, not only helps each of us practice speaking in front of our peers, but also helps everyone learn new material.

The journal club exists to help everyone learn, so please refrain from selecting articles that are highly specialized and more interesting to people in your laboratory. An effective speaker considers their audience and strives to make their presentation interesting to everyone. The Program Director will attend occasionally to ensure the journal club remains a productive and educational environment.

**Presentation Format**

The schedule for this year’s Journal Club can be found on-line at [http://www.cornellpharmacology.org/students/club.html](http://www.cornellpharmacology.org/students/club.html). If you have a conflict with the date you have been assigned and would like to switch to another date, make arrangements with another student and notify the Program Coordinator of the change. (If you would like to practice your talk before you give it “for real”, you can check the schedule for the conference room (E415) in the Pharmacology department office.)

All talks should be at least 20 minutes long.

**Journal Articles**

1. Each presenter must each select a paper that they consider to be either the single most significant paper within the past 2 years in a particular broad field (broad e.g., stem cells, ion channels, breast cancer, chemotherapy) or the most controversial. They should make a case for why it is significant, controversial, or both.

2. When selecting an article, consider your audience. We do not all come from the same background or have interests in the same areas. Instead of a paper with a very narrow focus having to do only with your lab, present a paper everyone can benefit from – one with broad significance. This could mean several things: the paper uses a novel technique applicable to many uses; the topic covered is one that we do not see in our coursework here; the paper contains interesting and new developments of interest to a wide audience.

3. The presenter should stand while they are presenting, to better engage the audience.

4. Rather than spending time preparing slides consisting of text prompts for themselves, the presenter should focus on presenting the actual figures from the paper (in whole or in part). The presenter is permitted one or two additional figures if they aid understanding of difficult concepts, and a summary slide. In-depth introduction: make sure the audience has the vocabulary they need to understand the paper. For research articles, be sure to explain the questions the researchers are asking and why they needed to be asked. Overview of the data: the focus here should not be on each individual lane on a gel or bar on a graph, but rather the techniques used, why the experiment was done, and what conclusions can be drawn. Discuss any limitations, errors, or omissions that you’ve noticed in the data. In-depth conclusion: what this paper accomplished, what significance it has on a broad scale, what questions are still unanswered.

5. Active discussion is a key part to the journal club. The presenter may ask questions and invite discussion from the audience, but the audience members should ask questions and add comments at any time, whether invited or not. The goal here is to critically analyze papers and techniques, as well as learn something about current science – discussion is important in meeting these goals! Thus, everyone in the room MUST ask at least one question!
Let us know why you picked the paper - just because you had to read the paper since your PI put it on your bench doesn’t mean your audience should!

If you are scheduled to speak and would like to use the overhead projector or PowerPoint, we have transparencies, computers, and laser pointers available in the Pharmacology Department office (Room E-409).
# 2015-2016 Journal Club Schedule

Friday (12:00-1:00pm) E-415 unless otherwise noted  
[http://www.cornellpharmacology.org/students/club.html](http://www.cornellpharmacology.org/students/club.html)

<table>
<thead>
<tr>
<th>Date</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>October 9</td>
<td>Organizational Meeting / Ming Jiang &amp; Rachel Langenbacher</td>
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<td>October 23</td>
<td>Claire Oh &amp; David Schachter</td>
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<td>November 6</td>
<td>Benjamin Schwartz &amp; Lisa Standke</td>
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<td>November 20</td>
<td>Evan Stater &amp; Joshua Zuk</td>
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<td>December 4</td>
<td>Valeryan Besselyanov &amp; Dylan Drakes</td>
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<td>December 18</td>
<td>Lauren Forbes &amp; Trevor Johns</td>
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<td>January 8</td>
<td>Jaclyn Kubala &amp; Pengju Nie</td>
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<td>January 22</td>
<td>Edwin Pratt &amp; Chanel Richardson</td>
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<td>February 5</td>
<td>Beiyu Tang &amp; Tyler Thompson</td>
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<td>February 19</td>
<td>Shira Yomtoubian &amp; Christina Bebernitz</td>
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<tr>
<td>March 4</td>
<td>Karen Chu &amp; Arijh Elzein</td>
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<td>March 18</td>
<td>Faith Fowler &amp; Xinran Jiang</td>
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<td>April 1</td>
<td>Jeanee Lee &amp; George Liao</td>
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<td>April 15</td>
<td>Joyce Pasion &amp; Corrin Pimentel</td>
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<td>April 29</td>
<td>Ramya Sridharan &amp; Mitchell Wang</td>
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**NOTE:** The journal club schedule is subject to change, so please stay up to date by checking the Pharmacology Department website or check with Aileen Ibagon.
Tri-Institutional Map

CORNELL UNIVERSITY WEILL MEDICAL COLLEGE
OFFICE OF SPACE MANAGEMENT
DEPARTMENTAL OCCUPANCY PLAN

SITE PLAN

Research and Institution Addresses
Well Cornell Medical College 1300 York Avenue
New York Presbyterian Hospital 525 East 68th Street
Memorial Sloan-Kettering Cancer Center 1275 York Avenue
Rockefeller University 1230 York Avenue
Hospital for Special Surgery 535 East 70th Street
Zuckerman Research Center 417 East 68th Street
Rockefeller Research Laboratories 430 East 67th Street
Schwartz Research Building 1250 First Avenue

*Single and Double letters on the map refer to building corridors.
Y: Well Greenberg Center
B: Baker Corridor (located in New York Presbyterian Hospital)
W: Whitney Pavilion (located in New York Presbyterian Hospital)
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Speaker 1</th>
<th>Speaker 2</th>
<th>Speaker 3</th>
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<tbody>
<tr>
<td>September 2015</td>
<td>12:00pm</td>
<td>Dr. Kolesnick</td>
<td>Dr. Gudas</td>
<td>Dr. Li</td>
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<td></td>
<td>12:30pm</td>
<td>Dr. Kentsis</td>
<td>Dr. Blenis</td>
<td>Dr. Hla</td>
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<td></td>
<td>12:15pm</td>
<td>Dr. Tan</td>
<td>Dr. Sauve</td>
<td>Dr. Hella</td>
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<td>12:45pm</td>
<td>Dr. Luo</td>
<td>Dr. Giannakakou</td>
<td>Dr. Kharas</td>
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<td>October 2, 2015</td>
<td>12:00pm</td>
<td>Dr. Lee</td>
<td>Dr. Rifkind</td>
<td>Dr. Levin</td>
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<td></td>
<td>12:30pm</td>
<td>Dr. Jaffrey</td>
<td>Dr. Toth</td>
<td>Dr. Buck</td>
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<tr>
<td>October 5, 2015</td>
<td>12:00pm</td>
<td>Dr. Grimm</td>
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<td></td>
<td>12:30pm</td>
<td>Dr. Hemmings</td>
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