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September 16, 2014, Tuesday
7:45am Breakfast
11:30am  Plenary Lecture 2: Adopting Immunotherapy in Cancer (2) Epidemiology and Etiology, M.D.
1:15pm Improving Cancer Treatment through Combinatorial Immunotherapy
Nelson Koh, M.D., Ph.D.
Ginna Laport, M.D.
2:15pm  Mechanism of cancer initiation
Ron Levy, M.D.
2:55pm  How to Write a Scientific Paper
Julien Sage, Ph.D.
4:00pm  Adjourn

September 17, 2014, Wednesday
9:25am  Overview of the Epidemiology, Etiology and Prevention of Breast and Colorectal Cancer
Robert Haile, Dr.P.H.
10:35am  The role of epigenetics in cancer
Douglas Vidal, Ph.D.
12:15pm  Lunch
2:55pm  How to Write a Scientific Paper
Julien Sage, Ph.D.
4:00pm  Adjourn

September 18, 2014, Thursday
7:45am Breakfast
9:25am  Overview of the Epidemiology, Etiology and Prevention of Breast and Colorectal Cancer
Robert Haile, Dr.P.H.
11:25am Targeting the tumor and targeting the host
Ron Levy, M.D.
12:15pm Lunch
4:00pm Adjourn
## The 2014 Comprehensive Cancer Research Training Program (CCRTP) at Stanford University

### September 16, 2014, Tuesday

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:45am</td>
<td>Breakfast</td>
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<tr>
<td>8:15am</td>
<td>Plenary Lecture 2: Adoptive Immunotherapy in Cancer (2h Workshop)</td>
<td>Beverly Mitchell, M.D.</td>
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<tr>
<td>11:25am</td>
<td>OSTEOMYOLOGY</td>
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<tr>
<td>9:25am</td>
<td>Overview of the Spondyloarthritis, Biology and Genetics of Spondyloarthritis</td>
<td>Howard Kiel, M.D., PhD.</td>
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<tr>
<td>10:15am</td>
<td>Therapeutic targeting of tumor promoting signals in the bone</td>
<td>John Gorrell, M.D., PhD.</td>
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<tr>
<td>10:35am</td>
<td>Mechanisms of cancer initiation and progression</td>
<td>Oliver Dorigo, M.D., Ph.D.</td>
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<tr>
<td>11:25am</td>
<td>Summative session: Biomarkers for cancer etiology, early detection</td>
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### September 17, 2014, Wednesday

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<td>8:30am</td>
<td>Plenary Lecture 3: Careers in Academia</td>
<td>Linda Boxer, M.D., Ph.D.</td>
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<td>9:25am</td>
<td>From cells to society - the breadth and depth of cancer research</td>
<td>Ed Engleman, M.D.</td>
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<tr>
<td>10:15am</td>
<td>Immunology</td>
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<tr>
<td>9:35am</td>
<td>Circulating Tumor DNA: Detection Methods and Clinical Applications</td>
<td>Bruce Daniel, M.D.</td>
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<tr>
<td>10:15am</td>
<td>Tumor Immunotherapy Using Antibodies to Negative T Cell Outercaps</td>
<td>Peter Jackson, M.D.</td>
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<td>10:35am</td>
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<td>Mildred Cho, Ph.D.</td>
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<tr>
<td>11:25am</td>
<td>Targeting the tumor and targeting the host</td>
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<tr>
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<td>8:30am</td>
<td>Plenary Lecture 4: Gene Regulation and Cancer</td>
<td>Ed Engleman, M.D.</td>
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<tr>
<td>9:25am</td>
<td>Proteogenomics</td>
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<tr>
<td>9:35am</td>
<td>From cells to society - the breadth and depth of cancer research</td>
<td>Howard Huang, M.D., PhD.</td>
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<td>10:15am</td>
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<td>Alex Comfort, M.D.</td>
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<td>10:35am</td>
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<td>Biomarkers for cancer etiology, early detection and cancer progression</td>
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<td>11:25am</td>
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<td>Alex Comfort, M.D.</td>
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<td>12:15pm</td>
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<td>Asian American/Chicano</td>
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<td>Asian American/Chicano</td>
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<td>Other Hispanic</td>
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<td>Mexican American/Chicano</td>
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## Registration Form

**Contact:** Please complete the registration form, detach this page, and return it no later than September 8, 2014 to:

- **Email:** CCRTP Course  
  - Karen Tran  
  - stanfordcancer@stanford.edu 

- **Fax to:**  
  - 1-415-476-6107  
  - Karen Tran  
  - stanfordcancer@stanford.edu

**Deadline:** Please complete the form, detach this page, and return it no later than September 8, 2014.

**Method of Payment:**  
- **Check:** Please make checks payable to Stanford University. 
- **Department Fund Transfer:**  
  - Please provide departmental approval and routing number. 

**Refunds:**  
- **Full Refund:** A registration fee of $70.00 at the time of registration.  
- **No Refund:** Refunds are not available after September 8th.

**Contact:** Karen Tran  
- Email: kmtran@stanford.edu  
- Fax: 1-415-476-6107  
- Phone: 1-415-476-6107  

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The 2014 Comprehensive Cancer Research Training Program (CCRTP) at Stanford University

Course Overview
In September, 2007, 2008, 2009, 2010, 2011, 2012 and 2013, the first seven annual Comprehensive Cancer Research Training Programs (CCRTP) courses were held. This educational initiative has been exceedingly well received.

The Stanford Cancer Institute invites again graduate students and post-doctoral students (inclusion, clinical fellows, research fellows, and senior faculty members) to attend the eighth annual Comprehensive Cancer Research Training Program. In particular, attendees from the respective Schools of Medicine, Schools of Engineering and the Schools of Humanities and Sciences are encouraged to participate. The Stanford Cancer Institute will host this course between Monday, September 15 and Thursday, September 18, 2014, at the Quadrus Conference Center at 2400 Sand Hill Road in Menlo Park, California.

This dynamic educational event features a plenary session on a topic of general interest every morning followed by seven half-day sessions on scientific topics. Each half-day session will be comprised of a one-hour didactic lecture followed immediately by a discussion.

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Registrant
Attendees are limited to 120 participants. Early registration is encouraged. Attendees may register by mail or fax until September 8, 2014. A registration fee of $700.00 is required and may be paid by check or department transfer. Complete registration instructions are located on the registration form in this brochure.

Registration
Each trainee will receive a certificate of participation at the end of the course, Thursday, September 18, 2014.

Housing
Trainees traveling a long distance may choose to stay at the Stanford Guest House of the Stanford Linear Accelerator that is located cross the street from the Quadrus Conference Center. The cost per night is approximately $150.00. This expense must be covered by the trainee or his/her department. Each didactic lecture is followed immediately by a discussion.

Evaluation
At the end of each day, the participants are asked to evaluate the presentations. After the course, the direc-


September 16, 2014, Tuesday

7:45am  Breakfast

8:30am  Plenary Lecture 2: Adoptive Immunotherapy in Cancer (Dr. Daniel, M.D.)

9:25am  Circulating Tumor DNA: Detection Methods and Clinical Applications (Dr. Diehn, M.D., Ph.D.)

10:15am  Coffee Break

11:15am  Immunologic Tumor Microenvironment in Ovarian Cancer Progression and Therapy Resistance (Prof. Hitchins, Ph.D.)

12:15pm  Lunch

COURSE OVERVIEW

9:25am  Overview of the Epidemiology, Etiology and Genetics of Gynecologic Cancers (Dr. Chang, M.D., Ph.D.)

10:15am  Coee Break

11:25am  Targeted Therapy in Breast Cancer: Early detection of breast and prostate cancer

10:35am  Tumor Immunotherapy Using Antibodies to Tumors: Mechanisms of cancer initiation (Dr. Sledge, M.D.)

11:25am  The Role of the Tumor Microenvironment in Ovarian Cancer Progression and Therapy Resistance (Prof. Hitchins, Ph.D.)

12:15pm  Lunch

10:35am  The role of epigenetics in cancer

11:25am  Targeting the tumor and targeting the host

12:15pm  Lunch

September 17, 2014, Wednesday

7:45am  Breakfast

8:30am  Plenary Lecture 3: Cancer in Academia (Dr. Boxer, M.D., Ph.D.)

9:25am  Immunizing Cancer Treatment through Combinatorial Immunotherapy (Prof. Koehn, M.D., Ph.D.)

10:15am  Coffee Break

11:15am  Mechanisms of Targeted Therapies in Lung Cancer (Ms. Sledge, M.D.)

12:15pm  Lunch

IMMUNOBIOLOGY

9:25am  Circulating Tumor DNA: Detection Methods and Clinical Applications (Dr. Diehn, M.D., Ph.D.)

10:15am  Coffee Break

11:15am  Responsibility of Conducting Research (Prof. Levy, M.D.)

12:15pm  Lunch

10:35am  Tumor Immunotherapy Using Antibodies to Negatively T (Prof. Hitchins, Ph.D.)

11:25am  Targeting the tumor and targeting the host

12:15pm  Lunch

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10:15am  Coffee Break

11:15am  Biomarkers for cancer etiology, early detection and genetic cancers (Dr. Hoang, M.D.)

12:15pm  Lunch

10:35am  How to Write a Grant Application (Prof. Engleman, M.D.)

11:25am  Therapies in Lung Cancer (Dr. Kohrt, M.D., Ph.D.)

12:15pm  Lunch

10:35am  How to Write a Scientific Paper (Prof. Stockdale, M.D., Ph.D.)

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Course Directors:

Amato Giaccia, Ph.D.
Professor of Radiation Oncology
Associate Director for Basic Science
Stanford Cancer Institute

Gina Layport, M.D.
Professor of Medicine – Blood and Marrow Transplantation
Associate Director for Education
Stanford Cancer Institute

James Ford, M.D.
Associate Professor of Medicine
Division of Medical Oncology
Stanford University

Sara Bendell, Ph.D.
Associate Professor of Pathology

Joseph Berek, M.D., M.M.S.
Professor of Medicine – Hematology
Laurie Kraus Lacob Professor
Department of Obstetrics and Gynecology

Howard Chang, M.D., Ph.D.
Professor of Genomics

Walden Chu, Ph.D.
Professor of Pediatrics

Bruce Daniel, M.D.
Professor of Radiology

Nick Drury, M.D., Ph.D.
Assistant Professor of Radiation Oncology

Oliver Durinck, M.D., Ph.D.
Associate Professor of Oncogenomics and Gynecology – Oncology

Edgar Engleman, M.D.
Professor of Pathology and Medicine – Immunology and Rheumatology

Alice Fan, M.D.
Assistant Professor of Medicine – Oncology

Robert Hale, Dr.P.H.
Professor of Radiation Oncology and Health Research and Policy – Epidemiology
Associate Director for Population Science
Stanford Cancer Institute

Megan Hitchings, Ph.D.
Associate Professor of Medicine – Oncology

Ann Hsing, Ph.D.
Chair and Chief Scientist and Senior Research Scientist
Cancer Prevention Institute of California
Consulting Professor – Health Research and Policy – Epidemiology

Peter Jackson, Ph.D.
Professor of Microbiology and Immunology

Holbrook Myler, M.D., Ph.D.
Assistant Professor of Medicine – Oncology

Jian Korman, Ph.D.
Vice President, Immuno-Oncology
Bristol-Myers Squibb

Ron Levy, M.D.
Robert K. and Helen K. Summy Professor
School of Medicine – Oncology

Beverly Mitchell, M.D.
George S. Brown Professor of Medicine – Radiation Biology and Genetics

Julia Sage, Ph.D.
Professor of Medicine – Oncology

Frank Storkel, M.D., Ph.D.
Maxim V. Polyak Chair Professor
School of Medicine, Emertai

What participants had to say about the CCRTP…

“Overall, this training program has been fantastic with presentation of many diverse relevant topics in the field of cancer biology/treatment taught by qualified, experienced knowledgeable experts of their respective fields. I learned a lot. What struck me as most impressive was 1) all of the speakers presented not only the basics but in cancer biology, but also pointed out current challenges/isuues/problems, and 2) the speakers presented data relevant to the course topic, not just stuff from their own labs. Finally, the conference facility was fantastic.”

“Excellent course. Nice broad spectrum of material that motivates me to want to explore other cancer areas and collaborate.”

“This has been the most coherently organized, well-presented, and well done course I have ever been to! I am greatly looking forward to returning next year!”

“CCRTP was a great reminder that research and hard work can eventually yield effective therapies. It is easy to lose touch of why we work so hard but it is easy to remember when listening to the speakers and reading the course material.”

“This conference has increased my understanding of cancer or its effects. Thank you for organizing this conference. Also, this conference has stimulated within me a desire to not just cure but find a way to prevent cancer.”

“This is the most carefully designed and well-organized conference and I feel lucky to be able to participate.”

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