

## 2020 Lundquist Science Retreat

### AGENDA

#### FRIDAY, MAY 8, 2020

**NOON** (to be confirmed): **SHUTTLE DEPARTURE** FROM THE INSTITUTE

2:00pm (tentative) Check-in

**3:30pm** Welcoming Remarks Quim Madrenas

#### **3:35-5:15pm**

#### **SYMPOSIUM 1**

#### **DRUG DEVELOPMENT: EMERGING OPPORTUNITIES**

3:35-4:10pm RNA circles: A smart way to maintain long-lasting protein production Wei Yan

4:10-4:45pm Intestinal FXR agonism ameliorates Type 1 and Type 2 diabetes in mice Eiji Yoshihara

4:45-5:15pm Clinical Research in Pulmonary Hypertension –  
Riding the "Wave" of Drug Development Ron Oudiz

**6:00 – 7:30pm** Dinner

#### **8:00pm**

#### **KEYNOTE LECTURE**

***From thought to action:  
brain-machine interfaces to assist patients with paralysis***

by

**Richard A. Andersen, PhD**

James G. Boswell Professor of Neuroscience; and  
Tianqiao and Chrissy Chen Brain-Machine Interface Center Leadership Chair  
Division of Biology and Biological Engineering  
California Institute of Technology

9:15pm – onward Social Networking

**SATURDAY, MAY 9, 2020**

**7:45-8:30am** Breakfast

**8:30 – 10:15**

**SYMPOSIUM 2**

**TRANSLATIONAL RESEARCH UPDATE FROM THE CANCER BIOLOGY & IMMUNOTHERAPEUTICS IWI**

- |              |   |                    |
|--------------|---|--------------------|
| 8:30 – 9:05  | Liquid biopsy applications for thyroid cancer   | Andrew Gianoukakis |
| 9:05 – 9:40  | Coronary Atherosclerosis and Cardiovascular Risk Stratification in Rheumatoid Arthritis | George Karpouzas   |
| 9:40 – 10:15 | Hidradenitis Suppurativa: Where we are and where we are going                           | Jan Smogorzewski   |
| <b>10:15</b> | Coffee Break  |                    |

**10:30 – 12:15pm**

**SYMPOSIUM 3**

**IMMUNITY AS A THERAPEUTIC OPPORTUNITY**

- |             |  |                 |
|-------------|--|-----------------|
| 10:30-11:05 | An Opportunity for Translational Immunology: Understanding Innate and Adaptive Antifungal Immunity | Marc Swidergall |
| 11:05-11:40 | Rethinking Anti-Infective Innovation   | Michael Yeaman  |
| 11:40-12:15 | Evolving research in HIV treatment and prevention  | Eric Daar       |

**12:15 - 1:45pm** Lunch

**1:45 – 3:15pm**

**SYMPOSIUM 4**

**IMPLEMENTING IMPLEMENTATION SCIENCE**

- |               |   |                   |
|---------------|---|-------------------|
| 1:45 – 2:20pm | Be Forever Fit - Motivation and Weight Loss Goals in Adolescents                                    | Jennifer Yee      |
| 2:20 – 2:55pm | Toward the way forward: Progress in managing acute trauma impact in children                        | Merritt Schreiber |
| 2:55 – 3:30pm | Harborbot: A Novel Conversational Agent to Assist EDs in Implementing Social Determinants Screening | Dennis Hsieh      |

**3:30pm ADJOURNMENT**