Welcome Colleagues!

We are excited to invite you to our upcoming

2015 UCSD-UCLA Diabetes Research Center Retreat

Location: Covel Commons Grand Horizon Ballroom & Terrace - UCLA, Westwood

Date: February 11, 2015
Time: 12:30-7:00pm

Buffet lunch provided before the meeting at 11:45am
Hosted wine and cheese social during the poster session beginning at 5:45pm

Keynote Speaker: Alan Saltiel, PhD
Life Sciences Institute, University of Michigan

There will be a poster session at the event.
Please plan to send a representative from your laboratory to present your latest research.
To participate, send an abstract (limit 500 words) to Andrea Hevener at
ahevener@mednet.ucla.edu
The deadline for all poster submissions is 5:00pm Monday, February 2nd, 2015.

Accommodations at the Hotel Angeleno
To reserve a room please call reservations at (310) 476-6411 and mention DRC Retreat Group.
Additional hotel information www.hotelangeleno.com

*Please note that the discounted room rate ($165) will expire on 1/21/15. After this date all attendees will be charged the regular room rate.
UCSD/UCLA Diabetes Research Center Retreat 2016

Welcome Colleagues!

Plan to attend the 2016 UCSD/UCLA DRC Retreat in beautiful La Jolla.

Keynote Speaker:
Jeffrey Pessin, Ph.D.
Director and Judy R. and Alfred A. Rosenberg Professional Chair in Diabetes Research at Albert Einstein College of Medicine.

There will be a poster session. To participate, please send an abstract (limit 500 words) to Angela M. Tyler at emtyler@ucsd.edu

The deadline for all poster submissions is Tuesday, March 29, 2016.

Date: April 12, 2016
Time: 11:30-6:45pm (lunch will be provided at 11:30am)
Please RSVP via this link: https://www.surveymonkey.com/r/356862f

Location: The Sheraton La Jolla Hotel, 3299 Holiday Court, La Jolla, CA 92037

*Please note that the special discount rate for hotel rooms will expire on March 12, 2016. After this date all attendees will be charged the regular room rate.*

To reserve a room, directions and hotel information please go to https://www.starwoodmeeting.com/events/start.action?id=15110427986&key=23f232f2
UCSD-UCLA Diabetes Research Center

Cedars-Sinai Medical Center • Harbor UCLA/LABioMed • Salk Institute

Scientific Retreat
February 27, 2018

Agenda & Abstract Book

Co-sponsors:
UCLA CTSI - Catalyst Award, UCLA DGSOM Metabolism Theme,
UCSD Institute for Diabetes and Metabolic Health, and Agilent Technologies
Diabetes Research Center
2019 Retreat

Monday April 1, 2019
9AM – 6PM
(lunch provided with reservation at 11:30AM)

Sanford Consortium of Regenerative Medicine
2880 Torrey Pines Scenic Drive, La Jolla, CA 92037

KEYNOTE SPEAKER

Jeffrey M. Friedman, M.D., Ph.D.

Marilyn M. Simpson Professor of Molecular Genetics
Investigator, Howard Hughes Medical Institute, Rockefeller University

Please Register Online at: https://www.surveymonkey.com/r/DZX9JV7

Poster Session Submission Deadline: March 22, 2019
Contact Leticia Egea at legea@ucsd.edu for additional information.
15th ANNUAL CNSR SYMPOSIUM
Bringing the Brain Back into Medicine:
Focus on Obesity, Microbiome and Women’s Health

G. Oppenheimer Center for Neurobiology of Stress and Resilience,
Vatche and Tamar Manoukian Division of Digestive Diseases,
Department of Medicine, David Geffen School of Medicine at UCLA

In collaboration with the Iris Cantor – UCLA Women’s Health Center,
the UCLA California NanoSystems Institute and the UCLA Microbiome Center

Friday, February 3, 2017
UCLA California NanoSystems Institute (CNSI)

Visiting Key Note Speakers

Janine Clayton, MD
NIH Office of Research on Women’s Health
“The Sex and Gender Integral”

Helen Raybould, PhD
UC Davis
“The Gut-Brain Axis - Role of Diet Microbes & Sex Differences”

Ashley Gearhardt, PhD
University of Michigan
“Sex Differences in Food Addiction”

Margaret Heitkemper, PhD, RN, FAAN
University of Washington
“Sleep and IBS: A Metabolomics Approach”

For full agenda and to register, visit uclacns.org
The UC San Diego Pediatric Diabetes Research Center (PDRC) and the Institute of Engineering in Medicine (IEM) are proud to present:

**TYPE 1 DIABETES: NEW TECHNOLOGIES AND THERAPEUTICS**

**THURSDAY, JANUARY 19, 2017**

Sanford Consortium for Regenerative Medicine, Duane Roth Auditorium
2880 Torrey Pines Scenic Drive, La Jolla CA 92037

7:00 a.m. Registration
8:00 a.m. Welcome
Maike Sander, MD and David Gough, PhD
8:15 a.m. KEYNOTE PRESENTATION
Carla J. Greenbaum, MD – Benaroya Research Center
“Type 1 Diabetes: Disease Progression and Clinical Challenges”

**SESSION 1**

**ARTIFICIAL PANCREAS**
Session Chair: Michael Gottschalk, MD, PhD
9:00 a.m. Edward Damiano, PhD - Boston University
“The Long and Winding Road to the Bionic Pancreas”
9:30 a.m. Francis J. Doyle III, PhD - Harvard University
“Medically-Inspired Algorithm Design for the Artificial Pancreas”
10:00 a.m. Refreshment Break
10:30 a.m. David Gough, PhD - UC San Diego
“Continuous Glucose Sensing of the Masses”
11:00 a.m. Howard Zisser, MD - UC Santa Barbara
“Artificial Pancreas Overview”

**SESSION 2**

**STEM CELL THERAPIES**
Session Chair: Robert R. Henry, MD
11:30 a.m. Jeremy Pettus, MD - UC San Diego
“Islet Encapsulation: Progress in Clinical Trials”

12:00 p.m. Clark K. Colton, PhD - Massachusetts Institute of Technology
“Encapsulated Islets with Enhanced Oxygen Delivery for Long Term Viability and Function”
12:30 p.m. Postdoctoral Research Presentation
12:45 p.m. Lunch

**SESSION 3**

**REGENERATION**
Session Chair: Alberto Hayek, MD
2:00 p.m. Teresa Rodríguez-Calvo, DVM, PhD – La Jolla Institute for Allergy & Immunology (Von Herrath Lab)
"Increase in Pancreatic Proinsulin and Preservation of Beta Cell Mass in Autoantibody Positive Donors prior to Type 1 Diabetes Onset"
2:15 p.m. Neal Devaraj, PhD - UC San Diego
“Enzymatic Amplification of Imaging Signals for Detecting Beta Cells”
2:45 p.m. Maike Sander, MD - UC San Diego
“Novel Pathways for Expanding Beta Cell Mass”
3:15 p.m. Bryan Laffitte, PhD - Genomics Institute of the Novartis Research Foundation
“Pharmacological Regulation of Human Beta Cell Proliferation”
3:45 p.m. Closing Remarks
Maike Sander, MD and David Gough, PhD

Space is limited and advance registration is required – Click here to register online! or email Debbie Taheri, detaheri@ucsd.edu
Diabetes Research Center

*** Monthly Metabolism Group ***

Upcoming Meetings

Hosted by Dr. Alan Saltiel
Professor of Medicine and Pharmacology
Director, Institute for Diabetes and Metabolic Health (IDMH)

Leichtag Lecture Room 107
1pm-2pm

<table>
<thead>
<tr>
<th>DATE</th>
<th>PRESENTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16/2019</td>
<td>Katja Lamia, The Scripps Research Institute</td>
</tr>
<tr>
<td>2/20/2019</td>
<td>Tatiana Kisseleva, UC San Diego</td>
</tr>
<tr>
<td>3/20/2019</td>
<td>Bernd Schnabl, UC San Diego</td>
</tr>
<tr>
<td>4/17/2019</td>
<td>Celine Riera, Cedars-Sinai</td>
</tr>
<tr>
<td>5/15/2019</td>
<td>Enrique Saez, The Scripps Research Institute</td>
</tr>
<tr>
<td>6/19/2019</td>
<td>Ulupi Jhala, UC San Diego</td>
</tr>
</tbody>
</table>

Please R.S.V.P. to Leticia Egea at legea@ucsd.edu or 858-534-6236.
LIPID MAPS Annual Meeting 2015
Lipidomics Impact on Cancer, Metabolic and Inflammatory Diseases
May 12-13 2015 // La Jolla, CA

Register online at www.lipidmaps.org
Early Registration Ends April 3, 2015

Metabolomics
Dynamic global changes during disease onset and dietary perturbations revealed using multomics profiling
Michael Snyder - Stanford University

Translational lipidomics: Linking lipomics to laboratory medicine
David Wishart - University of Alberta, Canada

Mapping dysregulated metabolic pathways in disease using functional metabolomic platforms
Daniel K. Namkoong - University of California, Berkeley

Eicosanoids and the Inflammatory Response
Omega-3 fatty acid metabolites and neurodegeneration
Nicholas G. Bazan - Louisiana State University

Mapping the diversity of the human platelet lipidome
Valerie O’Donnell - Cardiff University, UK

Monitoring dysregulated mitochondrial metabolism using human platelets
Ian A. Blair - University of Pennsylvania

Lipid Interactions with Membrane Proteins
Crystal structures of Translocator Protein 18 kDa (peripheral benzodiazepine receptor) reveal membrane lipid and ligand binding sites
Shelagh Ferguson-Miller - Michigan State University

Effective lipids on membrane proteins
Robert M. Saraste - University of Cambridge, London

The structural basis for the control of lipid oxygenase activity
Marco E. Neves - University of Cambridge, London

Lipidomics of Cancer
The role of sphingolipids with different acyl chains in human disease
Tony Paterson - Weizmann Institute, Israel

Deoxysphingolines as regulators of breast cancer cell growth
Marion B. Seeger - University of California, San Diego

Lipidomics of Human Hepatocellular Carcinoma (HCC): New insights into the roles of lipid metabolism and mitochondrial function
Muyong Sun - Shanghai Institutes for Biological Sciences, China

Regulation of lipid and mitochondrial metabolism by the microenvironment
Christian Metzler - University of California, San Diego

Lipid Interactions with Membrane Proteins
Crystal structures of Translocator Protein 18 kDa (peripheral benzodiazepine receptor) reveal membrane lipid and ligand binding sites
Shelagh Ferguson-Miller - Michigan State University

Effective lipids on membrane proteins
Robert M. Saraste - University of Cambridge, London

The structural basis for the control of lipid oxygenase activity
Marco E. Neves - University of Cambridge, London

Lipidomics and Metabolic Disease
Remodeling of fatty acyl chains in phosphatidylserine
Hiroki Ara - University of Tokyo, Japan

Phosphatidylserine and phosphatidylethanolamine in Lenz-Majewski Syndrome and mitochondrial function
Jean Vance - University of Alberta, Canada

Physiological functions and regulation of phosphatidate phosphatase
George M. Carman - Rutgers University

plus: poster sessions and twelve lightning talks selected from poster abstract submissions

LIPID MAPS and Annual Meeting Sponsor

Lead Meeting Supporters

Meeting Supporters
7th ANNUAL GNF – JDRF DIABETES RESEARCH SYMPOSIUM

New Frontier in Beta Cell Biology:
Molecular Targeting to the Beta Cell

Thursday, April 27, 2017
8:30 am – 4:00 pm

GNF
10675 John Jay Hopkins Dr.
San Diego, California 92121

Featured Speakers
Reza Abdi, Harvard Medical School
Benjamin Cravatt, The Scripps Research Institute
Neal Devaraj, University of California, San Diego
Carmella Evans-Molina, Indiana University
Bryan Laffitte, Genomics Institute of the Novartis Research Foundation
Philip Low, Purdue University
Francesca Mulas, University of California, San Diego
Chun Zeng, University of California, San Diego
Liangfang Zhang, University of California, San Diego

Register before April 20 by visiting
www.regonline.com/GNFJDRF
Eighth Annual Salk Institute, Fondation IPSEN, and Nature

GENES AND PHYSIOLOGY

Symposium on Biological Complexity

January 29 - 31, 2014
Salk Institute for Biological Studies, La Jolla, CA

This symposium is designed to integrate the physiology of the cell with the role of genes in diverse physiological functions such as energy balance, food intake, inflammation, cross-talk between organs and our biological clock.

SPEAKERS

THE STOHEY BRENNER NOBEL LECTURE
MICHAEL BROWN - UT SOUTHWESTERN MEDICAL CENTER

SESSION 1: CONTROL OF ENERGY BALANCE
ALAN SAITIEL (Chair) - UNIVERSITY OF MICHIGAN
BRADFORD LOWELL - BOSTON CHILDREN'S HOSPITAL, HARVARD MEDICAL SCHOOL
BARBARA KAHN - BENJAMIN DESNOSIC MEDICAL CENTER, HARVARD MEDICAL SCHOOL
DAVID MANGELSSORDT - UT SOUTHWESTERN MEDICAL CENTER

SESSION 2: GUT REGULATION PHYSIOLOGY
JEFFREY GORDON (Chair) - WASHINGTON UNIVERSITY IN ST. LOUIS
FIONA GRIBBLE - UNIVERSITY OF CAMBRIDGE, UK
FRANCESCO RUBINO - WEIL CORNELL MEDICAL COLLEGE
TONY LAM - TORONTO GENERAL RESEARCH INSTITUTE, CANADA

SESSION 3: NEURO-INFLAMMATION
KEVIN TRACEY (Chair) - THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH
MICHAL SCHWARTZ - HEINZMANN INSTITUTE OF SCIENCE, ISRAEL
MICHAEL SCHWARTZ - UNIVERSITY OF WASHINGTON
CHRISTOPHER GLASS - UC SAN DIEGO

SESSION 4: CIRCADIAN CLOCK
CLIFFORD SAPER (Chair) - BETH ISRAEL DEACONESS MEDICAL CENTER, HARVARD MEDICAL SCHOOL
JOSEPH TAMAS - UT SOUTHWESTERN MEDICAL CENTER
AMITA SENGUPTA - UNIVERSITY OF PENNSYLVANIA MEDICAL SCHOOL
JOSEPH BASS - NORTHWESTERN UNIVERSITY

SESSION 5: CARDIOVASCULAR BIOLOGY
HELEN ROBES (Chair) - UT SOUTHWESTERN MEDICAL CENTER
PATRICE GUYUNET - UNIVERSITY OF VIRGINIA
LESLIE LEWIN - UNIVERSITY OF COLORADO, BOULDER
ERIC OLSON - UT SOUTHWESTERN MEDICAL CENTER

ORGANIZING COMMITTEE: YVES CHRISTEN, MELINDA GRAY
JACQUELINE MERAVAILLE, INDER VERMA

SCIENTIFIC PROGRAM COMMITTEE: YVES CHRISTEN, RONALD EVANS
GERALD MARION, RANDY LEVICK, MARC MONTMINY, JERROLD OLSKY
PAUL SANCHENKO, INDER VERMA (Chair)

SPECIAL LECTURE, BRUCE SPIEGELMAN - DANA-FARBER CANCER INSTITUTE, HARVARD MEDICAL SCHOOL

GALA DINNER AND LECTURE

ABSTRACT SUBMISSION DEADLINE: DECEMBER 6, 2013
REGISTRATION DEADLINE: JANUARY 14, 2013

To submit abstracts, register, and obtain information visit: www.salk.edu/salknatureopen2014
Further inquiries: Nova Summers, Scientific Events Coordinator, events@salk.edu, 858-453-1100 x1615
2015 UCSD-UCLA DRC Junior Faculty Workshop

We are excited to invite you to our upcoming

2015 UCSD-UCLA Diabetes Research Center Junior Faculty Workshop

Location: Covel Commons Grand Horizon Ballroom - UCLA, Westwood
Date: February 11, 2015
Time: 9:00-11:45 am
Continental breakfast provided

Faculty Promotion
Assistant to Associate Professor Transition, Dossier Preparation, Promotion Review
How to Secure NIH Funding in a Competitive Environment
K and R01 application preparation, the inside scoop on the NIH review process, the A1 submission

Speakers: Pamela Mellon, PhD
University of California, San Diego
Leslie Raffel, MD
Cedars-Sinai Medical Center

*NIH Review - Roundtable Discussion by current members of NIH study sections

Please RSVP to Andrea Hevener shevener@mednet.ucla.edu
Space is LIMITED!

Accommodations at the Hotel Angeleno
To reserve a room please call reservations at (310) 476-6411 and mention DRC Retreat Group.
Additional hotel information www.hotelandeleno.com

*Please note that the discounted room rate ($165) will expire on 1/21/15.
After this date all attendees will be charged the regular room rate.
Event Date: September 20, 2017
Time: 1PM-2PM
Location: Medical Education and Telemedicine Building Upper Auditorium
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkIid=163876
Speaker: Stephanie Stanford
Organization: UCSD
Department: Medicine
Profile: http://profiles.ucsd.edu/stephanie.stanford
Topic: Diabetes reversal by inhibition of the low-molecular-weight tyrosine phosphatase

Event Date: October 18, 2017
Time: 1PM-2PM
Location: Medical Education and Telemedicine Building Upper Auditorium
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkIid=163876
Speaker: Peter Tontonoz, M.D., Ph.D.
Organization: UCLA
Department: Pathology and Laboratory Medicine
Profile: http://pathology.ucla.edu/peter-tontonoz
Topic: “The Neurobiology of Body Fat Metabolism: Lessons from C. Elegans”

Event Date: November 8, 2017
Time: 1PM-2PM
Location: Medical Education and Telemedicine Building Upper Auditorium
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkIid=163876
Speaker: Supriya Srinivisan, Ph.D.
Organization: The Scripps Research Institute
Department: Molecular Medicine
Profile: https://www.scripps.edu/research/faculty/srinivasan
Topic: “The Neurobiology of Body Fat Metabolism: Lessons from C. Elegans”

Event Date: December 20, 2017
Time: 1PM-2PM
Location: Medical Education and Telemedicine Building Upper Auditorium
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkIid=163876
Speaker: Andrea Hevener, Ph.D.
Organization: UCLA
Department: Molecular Medicine
Profile: http://www.mbi.ucla.edu/faculty/andrea-hevener/
Topic: Strong enough for a man, made for a woman: The impact of ERa on mitochondrial and metabolic health
Event Date: January 17, 2018
Time: 1PM-2PM
Location: TBD
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkId=163876
Speaker: Michael Karin, Ph.D.
Organization: UCSD
Department: Pharmacology
Profile: http://profiles.ucsd.edu/michael.karin
Topic: TBA

Event Date: February 21, 2018
Time: 1PM-2PM
Location: TBD
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkId=163876
Speaker: Richard Bergman, Ph.D.
Organization: Cedars-Sinai, Diabetes and Obesity Research Institute
Department: Biomedical Sciences and Medicine
Topic: TBA

Event Date: March 14, 2018
Time: 1PM-2PM
Location: TBD
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkId=163876
Speaker: Simon Schenk, Ph.D.
Organization: UCSD
Department: Orthopaedic Surgery
Profile: http://profiles.ucsd.edu/simon.schenk
Topic: TBA

Event Date: April 18, 2018
Time: 1PM-2PM
Location: TBD
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkId=163876
Speaker: Karen Reue, Ph.D.
Organization: UCLA
Department: Human Genetics
Profile: https://labs.genetics.ucla.edu/reue/members.html
Topic: TBA
Event Date: May 16, 2018
Time: 1PM-2PM
Location: TBD
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkId=163876
Speaker: Matthias Von Herrath, M.D.
Organization: La Jolla Institute for Allergy and Immunology
Department: Human Genetics
Profile: http://www.lji.org/faculty-staff/matthias-von-herrath/
Topic: TBA

Event Date: June 20, 2018
Time: 1PM-2PM
Location: TBD
Interactive Map: https://maps.ucsd.edu/map/?id=1005&mrkId=163876
Speaker: Orian Shirihai, M.D., Ph.D.
Organization: UCLA
Department: Medicine
Profile: http://medschool.ucla.edu/metabolism/about
Topic: TBA
**Diabetes Research Center**

*** Monthly Metabolism Group ***

**Upcoming Meetings**

*Hosted by Dr. Alan Saltiel*
*Professor of Medicine and Pharmacology*
*Director, Institute for Diabetes and Metabolic Health (IDMH)*

Leichtag Lecture Room 107  
1pm-2pm

<table>
<thead>
<tr>
<th>DATE</th>
<th>PRESENTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16/2019</td>
<td>Katja Lamia, The Scripps Research Institute</td>
</tr>
<tr>
<td>2/20/2019</td>
<td>Tatiana Kisseleva, UC San Diego</td>
</tr>
<tr>
<td>3/20/2019</td>
<td>Bernd Schnabl, UC San Diego</td>
</tr>
<tr>
<td>4/17/2019</td>
<td>Celine Riera, Cedars-Sinai</td>
</tr>
<tr>
<td>5/15/2019</td>
<td>Enrique Saez, The Scripps Research Institute</td>
</tr>
<tr>
<td>6/19/2019</td>
<td>Ulupi Jhala, UC San Diego</td>
</tr>
</tbody>
</table>

*Please R.S.V.P. to Leticia Egea at legea@ucsd.edu or 858-534-6236.*
We are excited to invite you to our upcoming

2016 UCSD-UCLA Diabetes Research Center Junior Faculty Workshop

Location: The Sheraton La Jolla Hotel Date: April 12, 2016
Time: 9:00-11:30 am
(Continental breakfast provided)

- Grant Writing Workshop
- Study Section Panel Discussion
- Lecture: "Managing your career at 360 degrees" – Alan R. Saltiel, Ph.D.

Speakers:
Alan R. Saltiel, Ph.D., University of California, San Diego
Pamela Mellon, Ph.D., University of California, San Diego
Andrea Hevener, Ph.D., University of California, Los Angeles
Miles Wilkinson, Ph.D., University of California, San Diego

Location: The Sheraton La Jolla Hotel, 3299 Holiday Court, La Jolla, CA 92037

*Please note that the special discount rate for hotel rooms will expire on March 12, 2016. After this date all attendees will be charged the regular room rate.*

To reserve a room, directions and hotel information please go to:
https://www.starwoodmeeting.com/events/start.action?id=1511042798&key=23F232E2