

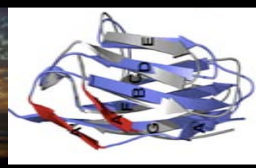
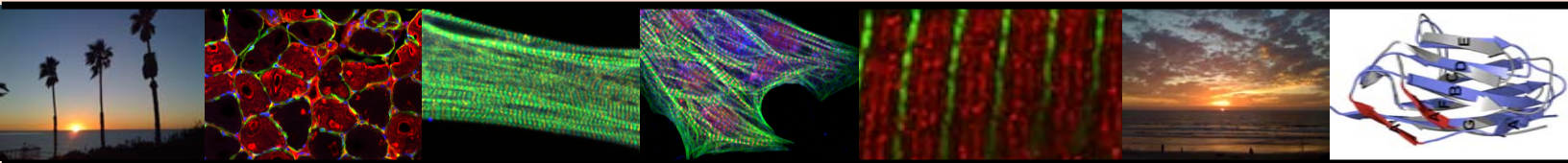
AMC

Alternative Muscle Club Meeting

San Diego - June 28, 2013

Alternative Muscle Club Meeting 2013

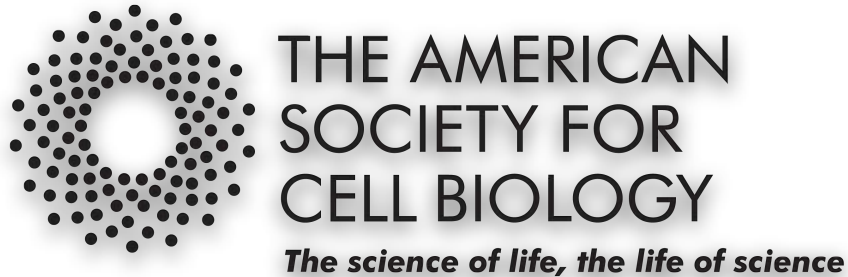
University of California,
San Diego



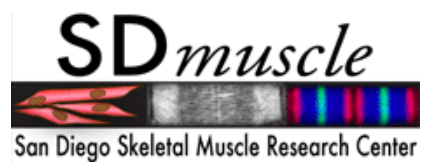
**Medical Education and Telemedicine (MET) Building
Learning Center Room 143**

Friday, June 28, 2013

**We are grateful to the following organizations and people, who helped to
make this meeting happen...**



The AMERICAN SOCIETY FOR CELL BIOLOGY
special thanks to Thea Clarke



The SAN DIEGO SKELETAL MUSCLE RESEARCH CENTER

Dr. Richard Lieber
Dr. Mark Mercola
Dr. Pier Lorenzo
Dr. Alessandra Sacco
Dr. Velia Fowler



Life Technologies
special thanks to Heidi Brunell

The Scientific and Organizational Advisors

Dr. Ju Chen
Dr. Kirk Knowlton
Dr. Velia Fowler
Dr. Richard Lieber

Index

<i>Meeting Outline.....</i>	<i>4</i>
<i>Scientific Program.....</i>	<i>5</i>
<i>Scientific Poster Session.....</i>	<i>9</i>
<i>Career development / meeting benefits</i>	<i>12</i>
<i>Venues</i>	<i>13</i>
<i>Parking and Directions</i>	<i>14</i>
<i>Public Transport</i>	<i>15</i>
<i>Lodging.....</i>	<i>16</i>
<i>Contact</i>	<i>16</i>
<i>Organizing Committee</i>	<i>16</i>
<i>Participants</i>	<i>17</i>
<i>Abstracts</i>	<i>20</i>

Dear Alternative Muscle Club (AMC) 2013 participants:

Thank you for registering to participate in the first AMC meeting to be held in the United States. The AMC meeting is aimed at scientists early in their research career (PhD students, postdocs, junior faculty) to present their work in a relaxed environment. Thanks to everyone who registered and submitted abstracts! With over 50 presentations covering a wide range of topics centered around the muscle biology field, we hope that the AMC will be an exciting, illuminating (and fun!) experience for all.

Meeting Outline

Time	Topic	Where
8am-8:50am	Registration, Breakfast, Poster hanging	<i>MET courtyard</i>
8:50am-9am	Welcome Address	<i>MET LC143</i>
9am-10:15am	Session 1 - Muscle & Vascular Development <i>followed by 15 min. Coffee break</i>	<i>MET LC143</i>
10:30am-12pm	Session 2 - Muscle Structure and Function	<i>MET LC143</i>
12pm-1:30pm	POSTER Session and Lunch break <i>odd numbered posters: 12:30-1pm</i> <i>even numbered posters: 1-1:30pm</i>	<i>MET courtyard</i>
1:30pm-2:45pm	Session 3 - Muscle Regeneration <i>followed by 15 min. Coffee break</i>	<i>MET LC143</i>
3pm-4:40pm	Session 4 - Biomechanics of Muscle Poster Award Ceremony	<i>MET LC143</i>
5pm-7pm	Social Mixer at the LOFT@UCSD	<i>THE LOFT</i>

Scientific Program

REGISTRATION – MET COURTYARD

8am-8:50am Registration / Coffee / Social
Poster presenters: Please hang up your posters!

SESSION 1: MUSCLE & VASCULAR DEVELOPMENT – MET ROOM LC143

Stephan Lange, moderator

8:50am-9am Welcome to AMC

9am-9:15am Fabian Zanella, UCSD
Human induced pluripotent stem cell models of arrhythmogenic cardiomyopathy

9:15am-9:30am Shirin Doroudgar, SDSU
Heart growth is regulated by the ER-transmembrane E3 ubiquitin ligase, Hrd1

9:30am-9:45am Sonia Albin, Sanford-Burnham Medical Research Institute
Direct conversion of hESC into skeletal muscle cells and formation of myospheres by defined factors

9:45am-10am Ludovic Vincent, UCSD
Building micromuscle in vitro from patterned extracellular matrix stiffness and adipose derived stem cells

10am-10:15am Zhen Chen, UCSD
Hypoxic regulation of microRNA machinery

15 MIN BREAK

SESSION 2: MUSCLE STRUCTURE AND FUNCTION – MET ROOM LC143**David Gokhin, moderator**

- | | |
|---------------|---|
| 10:30-10:45am | Emily Pfeiffer, UCSD
<i>Conduction mechanosensitivity in micropatterned cardiomyocytes</i> |
| 10:45am-11am | John Konhilas, University of Arizona
<i>Sexually dimorphic myofilament function and cardiac troponin I phosphospecies distribution in hypertrophic cardiomyopathy mice</i> |
| 11am-11:15am | Mirko Volkers, SDSU
<i>mTORC1 vs. mTORC2 in the heart</i> |
| 11:15-11:30am | Andrea Domenighetti, UCSD
<i>Myofibrillar and intermyofibrillar myopathy in mice lacking FHL1</i> |
| 11:30-11:45am | Girish Melkani, SDSU
<i>Huntington's disease induced skeletal muscle defects are reversed by modulating TOR pathway in the Drosophila model</i> |
| 11:45am-12pm | Brian McMorran, UCLA
<i>Discrete and specific changes in cell surface glycosylation following differentiation of murine myotubes.</i> |

LUNCH & POSTER SESSION – MET COURTYARD

- | | |
|-------------|---|
| 12pm | Lunch |
| 12pm-1:30pm | Poster Session

<i>odd numbered posters: 12:30pm-1pm</i>
<i>even numbered posters: 1pm-1:30pm</i> |

SESSION 3: MUSCLE REGENERATION – ROOM LC143

Gretchen Meyer, moderator

- | | |
|---------------|--|
| 1:30pm-1:45pm | Barbora Malecova, Sanford-Burnham Medical Research Institute
<i>Functional switch in composition of Baf60c-containing SWI/SNF chromatin remodeling complex during skeletal myogenesis</i> |
| 1:45pm-2pm | Tufan Aydogdu, Sanford-Burnham Medical Research Institute
<i>STAT3 regulation of skeletal muscle stem cells</i> |
| 2pm-2:15pm | Lily Chao, Children's Hospital Los Angeles
<i>NR4A1 – a novel regulator of muscle mass</i> |
| 2:15pm-2:30pm | Lorenzo Giordani, Sanford-Burnham Medical Research Institute
<i>HDAC inhibitors mediate epigenetic reprogramming in dystrophic muscle.</i> |
| 2:30pm-2:45pm | Paula Coutinho, Sanford-Burnham Medical Research Institute
<i>Distinct and overlapping roles of Brg1 and Brm in skeletal myogenesis</i> |

15 MIN BREAK

SESSION 4: BIOMECHANICS OF MUSCLE – ROOM LC143**Indroneal Banerjee, moderator**

- | | |
|---------------|---|
| 3pm-3:15pm | Emily Abbott, UC Irvine
<i>The timing of muscle recruitment alters series elastic function during lengthening contractions</i> |
| 3:15pm-3:30pm | Nicole Danos, UC Irvine
<i>Passive properties of anuran hind limb muscles</i> |
| 3:30pm-3:45pm | George Tsianos, L-3 Applied Technologies, Inc.
<i>Validated predictions of metabolic energy consumption for submaximal effort movement</i> |
| 3:45pm-4pm | Margie Mathewson, UCSD
<i>Stretched sarcomeres contribute to equinus contractures in patients with cerebral palsy</i> |
| 4pm-4:15pm | Sukriti Dewan, UCSD
<i>Altered cross-bridge cycling kinetics and phospho-proteome in guinea pig heart failure</i> |
| 4:15pm-4:30pm | Gaurav Kaushik, UCSD
<i>Vinculin-mediated remodeling of the intercalated disc increases myocardial stiffness but preserves contractile function with age</i> |
| 4:30pm-4:40pm | AMC Life Technologies Poster Award Ceremony |

Please remember to take down your posters!

RECEPTION – The Loft @ UCSD

- | | |
|---------|---|
| 5pm-7pm | Social event at The Loft @ UCSD (Price Center, 2 nd floor) |
|---------|---|

Scientific Poster Session

Posters should be mounted on the poster boards in the MET Building Courtyard before 8:45am. There will be an informal poster session during lunchtime, from 12pm-1:30pm, although AMC attendees are welcome to browse and discuss posters whenever they wish. Posters must be taken down by 6pm. We will not save any posters that remain hung up after that time.



AMC Life Technologies Poster Awards

We will select the **best ten poster presentations** during our poster session for the “AMC Life Technologies Poster Award”. The winners will be announced during the social event in the LOFT@UCSD.

We are grateful for Life Technologies to sponsor the prizes.

1st Prize: Backpack with USB flashdrive, pen and notebook

2nd Prize: Insulated bag with beach towel and reusable water bottle

3rd-10th Prize: a Cafe Au Lait coffee mug.

Presenters of **odd numbered posters** should be at their poster from **12:30-1pm**.
Presenters of **even numbered posters** should be at their poster from **1pm-1:30pm**.

1. Francesca Boscolo Sesillo, Sanford Burnham Medical Research Institute
Role of p53 in skeletal muscle stem cell senescence in a dystrophic mouse model
2. Chinedu Nworu, University of Arizona
Leiomodin 3 (Lmod3) and Tropomodulin 4 (Tmod4) are critical for skeletal muscle thin filament assembly and have overlapping functions during Xenopus laevis development
3. Anastasia Gromova, Sanford Burnham Medical Research Institute
The role of E3 ligase Fbxw7 in muscle stem cell quiescence
4. Sole Gatto, Sanford Burnham Medical Research Institute
Single cell gene expression profiling of fibro-adipogenic progenitors as a new prognostic tool in Duchenne Muscular Dystrophy

5. Mark Chapman, UCSD
Knockout of nesprin 1 and desmin causes aberrant nuclear mechanics and fibrosis in skeletal muscle
6. Fujita Naonobu, UCSD
Mechanisms of T-tubule formation/remodeling in Drosophila
7. Federica Michielin, University of Padova
Cyclic mechanical microscale-stimulation affects cellular membrane integrity in a human muscle dystrophy in vitro model
8. Ana Maria Manso, UCSD
Talin2 is essential for the structural integrity of costameres and membrane stability of cardiomyocytes
9. Sharon Israeli, UCSD
Caveolin Mediates Integrin Regulation in the Cardiomyocyte
10. Olga Tapia, The Scripps Research Institute
LemD2 in muscle differentiation and signaling
11. Stefanie Novak, University of Arizona
Role of Fragile X proteins in the heart
12. Christine Henderson, University of Arizona
A novel mechanism for the remodeling associated with dilated cardiomyopathy
13. Alessandra Dall'Agnese, Sanford Burnham Medical Research Institute
Molecular control of BAF60C locus in skeletal muscle homeostasis and disease
14. Tzu Pen Shentu, UCSD
Shear stress activation of contraction: the role of cytoskeleton/eNOS activity
15. Adarsh Krishnamurthy, UCSD
Multi-scale microstructure-based constitutive model of active myocardial mechanics
16. Weiguo Xue, UCSD
Acupuncture and Chinese massage
17. Jianlin Zhang, UCSD
Disruption of both nesprin 1 and desmin results in dystrophy-like myopathy
18. Michael Hicks, Arizona State University
Fibroblasts regulate the skeletal muscle acetylcholine receptor through biomechanical stretch

19. Andrea Domenighetti, UCSD
Loss of FHL1 induces an age-dependent skeletal muscle myopathy associated with myofibrillar and intermyofibrillar disorganization in mice.
20. Hermes Taylor-Weiner, UCSD
Defined extracellular matrix components are necessary for definitive endoderm induction
21. Ramon Diaz Trelles, Sanford-Burnham Medical Research Institute
Notch-independent function on mouse adult cardiomyocytes: regulation of cardiac vasculature
22. Sudarshan Dayanidhi, UCSD
Reduced number of satellite cells in children with cerebral palsy
23. Matt Stroud, UCSD
GAS2-like proteins mediate communication between microtubules and actin through their interaction with end-binding proteins
24. Matt Klos, UCSD
Genetic modification of cardiac motor proteins in normal and failing myocytes
25. Yoshitake Cho, The Scripps Research Institute
PGC-1 and ERR-induced regulator in muscle 1 (PERM1) is a tissue-specific regulator of oxidative capacity in skeletal muscle cells
26. Matthew Tierney, Sanford-Burnham Medical Research Institute
Microenvironmental regulation of muscle stem cell function during development and regeneration
27. Peter Kekenyes-Huskey, UCSD
Modeling of calcium diffusion at molecular and cellular scales: applications to the cardiomyocyte
28. Stephan Lange, UCSD (not a candidate for the poster award)
Obscure links and cullin(g) ends
29. Stephan Lange, UCSD (not a candidate for the poster award)
CARP1/Ankrd1 is essential for dilated cardiomyopathy development in MLP knockout mice

Career development / meeting benefits

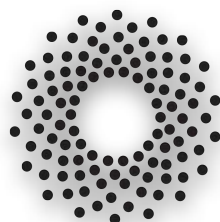
Never has it been more challenging to develop an academic career in science than today.

The Alternative Muscle Club Meeting is aimed at researchers who are in the early stages of their scientific careers (e.g. PhD students, postdocs and junior faculty) and interested in all facets of muscle cell biology.

One of the goals of this meeting is to give you a head-start into the career as a scientist in academia or industry.

To help you boost your career, **every Postdoc and PhD student will receive the “ASCB Career Advice for Life Scientists” book**. This book presents a true treasure trove of information about career development, advice on writing and publishing, career transition, postdoc issues and general problems in the lab. We are extremely grateful for the support this meeting receives from the American Society for Cell Biology (ASCB) by providing this valuable book! We will give out more information on the ASCB and their upcoming conference at our meeting.

In addition, presenting your work in a talk or poster presentation will add another line to your **CV or resumé**. Especially if your poster presentation receives one of the **“AMC Life Technologies Poster Awards”!**



THE AMERICAN
SOCIETY FOR
CELL BIOLOGY

The science of life, the life of science

Venues



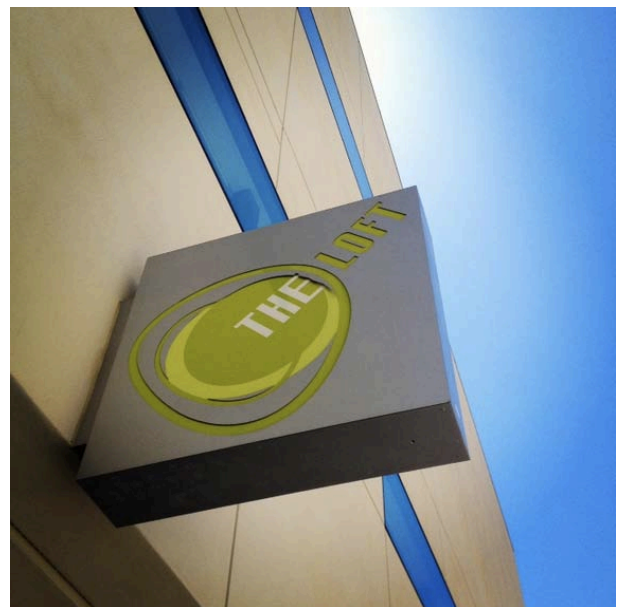
The AMC meeting will be held at the **Medical Education and Telemedicine (MET) Building** on the University of California San Diego campus in La Jolla, CA on June 28, 2013.

MET room **LC143** will host the scientific sessions. The poster sessions will be held outdoors in the **courtyard** of the MET building.

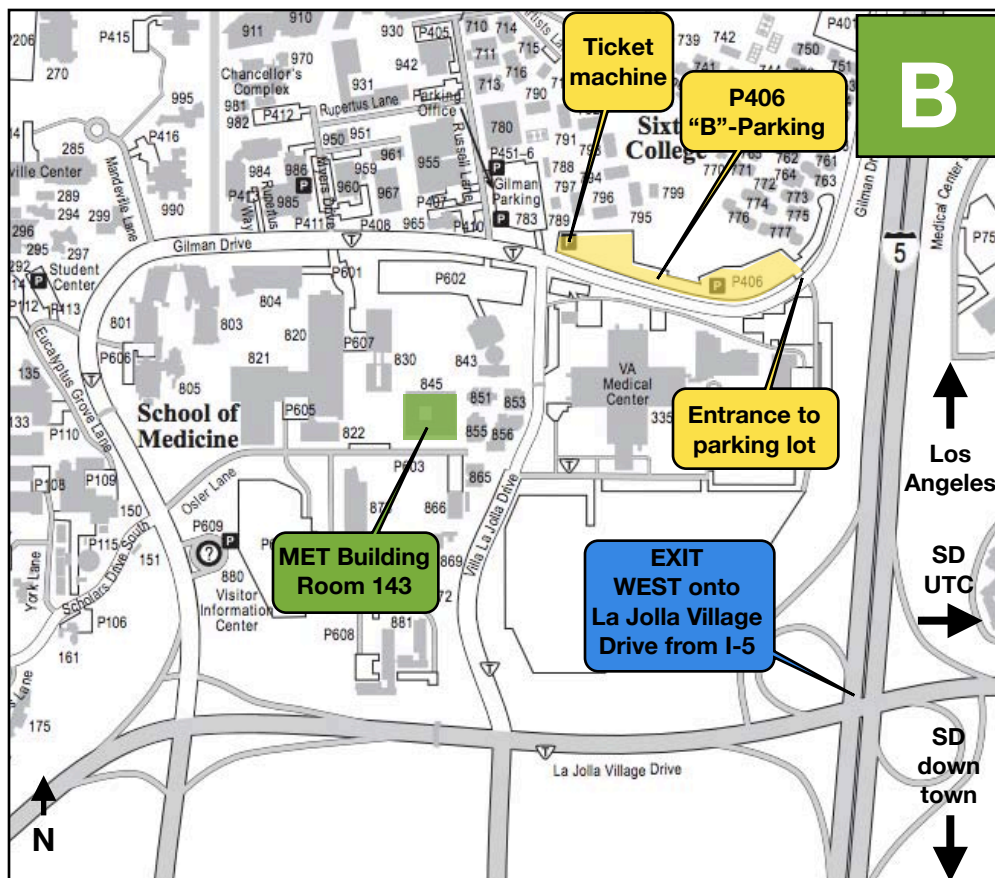
For the location of the MET Building on the UCSD campus map, please see the following link:
<http://maps.ucsd.edu/mapping/viewer/default.htm?mkey=1&lc=open&km=open&rc=closed&zoom=2&X=0.61&Y=0.53&layers=None&background=2&label=0&overlays=Bldg-848%251&selectedTab=1&openPin=848%251>

A social hour will conclude the meeting. This event will be held at the **LOFT**. The LOFT is the art and performance lounge on the UC San Diego campus. The LOFT is renowned for its mix of art and culture.

Food will be provided by Zanzibar at the LOFT. Their delicious cheese plates, mediterranean platters, good selection of micro-brewed beer and wine are favorites that will be served at the end of the meeting. Wind down and enjoy a relaxing networking social hour after the meeting with us!



Parking and Directions



We recommend parking at lot **P406** (highlighted). Please **arrive early** and park in spots marked with a white "B" on green background. Use the available machine close to the Gilman Parking structure to **purchase a "Pay to Display" receipt to leave on your dashboard**. The cost for the daylong parking ticket in lot P406 is \$8. *The last thing we want is anyone getting a parking citation!*

Remember:

Park in **Lot P406**, use "B" spots.

Pay and **Display** your ticket on the dashboard of your car.

AVOID parking in the Gilman Parking structure, as it is more costly;

DO NOT park in "A" parking spots.

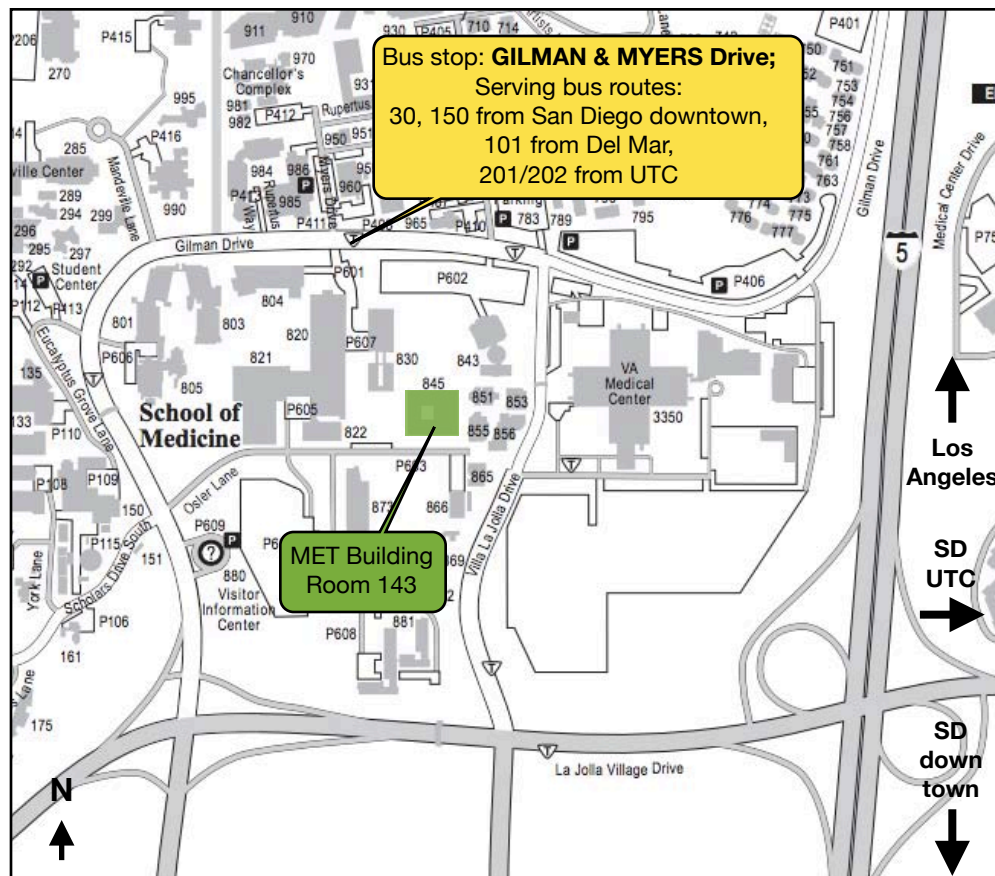
Street address for GPS/Google Maps: 9500 Gilman Drive, San Diego, CA-92093

Please see the following link for location: <http://maps.ucsd.edu/mapping/viewer/default.htm?mkey=1&lc=open&km=open&rc=closed&zoom=5&X=0.64&Y=0.54&layers=None&background=2&label=0&overlays=Parking-71%252,Bldg-848%251&selectedTab=1>

Please also visit the following link for directions:

<http://blink.ucsd.edu/facilities/transportation/visitor/directions.html>

Public Transport



Please visit the following link for information on how to get to the La Jolla campus using public transport: <http://blink.ucsd.edu/facilities/transportation/commuting/public.html>

You can also use the trip planner offered by the Metropolitan Transit Service (MTS) - the address for UCSD (destination) is: **9500 Gilman Drive**
<http://www.sdmts.com/Tripplanner.asp>

Lodging

For those coming from out of town, please use the following link for a list of local hotels and lodging options: <http://amcsd-2013.ucsd.edu/lodging.html>

Contact

If you have questions about the meeting, you may contact us by email, phone or fax.

Email address: AMCSD.2013@gmail.com

Telephone: +1-(530)-4AM-CLUB

Fax: +1-(858)-822-5282

Organizing Committee

Dr. Stephan Lange

*UC San Diego, School of Medicine
9500 Gilman Drive, MC-0613C
La Jolla, CA 92093
email: slange@ucsd.edu*

Dr. David Gokhin

*The Scripps Research Institute
Dept. of Cell and Molecular Biology
10550 North Torrey Pines Road, CB163
La Jolla, CA 92037
email: dgokhin@scripps.edu*

Dr. Indroneal Banerjee

*UC San Diego, School of Medicine
9500 Gilman Drive, MC-0613C
La Jolla, CA 92093
email: ibanerjee@ucsd.edu*

Dr. Gretchen Meyer

*Sanford Consortium for Regenerative
Medicine
2880 Torrey Pines Scenic Drive, Rooms
1111-1113
La Jolla, CA 92037
email: gmeyer@ucsd.edu*

Participants

Name (Last, First) email	Position Organization
Abbott, Emily abbotte@uci.edu	<i>Graduate Student Researcher UC Irvine</i>
Albini, Sonia salbini@sanfordburnham.org	<i>Postdoc Sanford Burnham Institute</i>
Aydogdu, Tufan taydogdu@sanfordburnham.org	<i>Postdoc Sanford-Burnham Medical Research Institute</i>
Banerjee, Indroneal ibanerjee@ucsd.edu	<i>Postdoc UCSD</i>
Berry, David dbberry@ucsd.edu	<i>Graduate Student UC San Diego</i>
Boscolo Sesillo, Francesca fboscolo@sanfordburnham.org	<i>Graduate Student Sanford Burnham Medical Research Institute</i>
Chao, Lily lchao@chla.usc.edu	<i>Assistant Professor Children's Hospital Los Angeles</i>
Chapman, Mark mark.chapman10@gmail.com	<i>Graduate Student University of California - San Diego</i>
Chen, Zhen zchen@ucsd.edu	<i>Postdoc UCSD</i>
Cho, Yoshitake ytkcho@scripps.edu	<i>Postdoc The Scripps Research Institute</i>
Consonni, Silvio silvio.consonni@lnbio.cnpem.br	<i>PhD student UCSD, NCMIR</i>
Coutinho, Paula pcoutinho@burnham.org	<i>PhD student Sanford-Burnham Medical Research Institute</i>
Dall'Agnese, Alessandra adallagnese@sanfordburnham.org	<i>PhD student Sanford Burnham Medical Research Institute</i>

Name (Last, First) email	Position Organization
Danos, Nicole ndanos@uci.edu	<i>Postdoc University of California Irvine</i>
Dayanidhi, Sudarshan sdayanidhi@ucsd.edu	<i>Postdoc UCSD</i>
Deslauriers, Amber adeslaur@uci.edu	<i>PhD student UC Irvine</i>
Dewan, Sukriti sukriti@gmail.com	<i>Postdoc Researcher University Of California at San Diego</i>
Diaz Trelles, Ramon trelles@sanfordburnham.org	<i>Staff Scientist Sanford Burnham Medical Research Institute</i>
Domenighetti, Andrea adomenighetti@ucsd.edu	<i>Project Scientist UCSD</i>
Doroudgar, Shirin shirin_doroudgar@yahoo.com	<i>Postdoc San Diego State University Heart Institute</i>
Gatto, Sole sgatto@sanfordburnham.org	<i>Postdoc Sanford-Burnham Medical Research Institute</i>
Giordani, Lorenzo lgiordani@burnham.org	<i>Graduate Student Sanford Burnham Medical Research Institute</i>
Gokhin, David dgokhin@scripps.edu	<i>Postdoc The Scripps Research Institute</i>
Gromova, Anastasia agromova@sanfordburnham.org	<i>Research Assistant Sanford Burnham Medical Research Institute</i>
Henderson, Christine cah77@email.arizona.edu	<i>Graduate Student University of Arizona</i>
Hicks, Michael mrhicks1@asu.edu	<i>PhD student Arizona State University</i>

Name (Last, First) email	Position Organization
Houk, Andrew ahouk@ucsd.edu	<i>Postdoc UCSD</i>
Israeli, Sharon sharon.israeli@gmail.com	<i>Postdoc UCSD/VA Healthcare</i>
John Konhilas konhilas@arizona.edu	<i>Assistant Professor University of Arizona</i>
Kaushik, Gaurav gkaushik@ucsd.edu	<i>PhD Candidate UCSD Bioengineering</i>
Kekenes-Huskey, Peter pkekeneshuskey@ucsd.edu	<i>Postdoc UCSD</i>
Kiger, Amy akiger@ucsd.edu	<i>Associate Professor UCSD, Cell & Developmental Biology</i>
Klos, Matt mklos@ucsd.edu	<i>Postdoc UCSD</i>
Krishnamurthy, Adarsh adarsh@ucsd.edu	<i>Postdoc UC San Diego</i>
Lange, Stephan slange@ucsd.edu	<i>Assistant Project Scientist / Assistant Professor UCSD</i>
Lyon, Robert C. rclyon@ucsd.edu	<i>Postdoc UC San Diego</i>
Malecova, Barbora bmalecova@sanfordburnham.org	<i>Postdoc Sanford-Burnham Medical research Institute</i>
Manso, Ana Maria amanso@vapop.ucsd.edu	<i>Postdoc UCSD School of Medicine, Department of Medicine and Veterans Administration Healthcare San Diego</i>
Mathewson, Margie m1mathew@ucsd.edu	<i>PhD Student UCSD</i>

Name (Last, First) email	Position Organization
MATT STROUD mstroud@ucsd.edu	<i>POSTDOC UCSD</i>
McMorran, Brian bmcmorran@ucla.edu	<i>Graduate Student University of California, Los Angeles</i>
Melkani, Girish gmelkani@mail.sdsu.edu	<i>Assistant Professor San Diego State University</i>
Meyer, Gretchen gmeyer@ucsd.edu	<i>Postdoc UCSD</i>
Michielin, Federica federica.michielin@studenti.unipd.it	<i>graduate student Department of Industrial Engineering - University of Padova, Italy</i>
Mohr, Laura lmohr@sanfordburnham.org	<i>student Sanford-Burnham Medical Research Institute</i>
Moore-Morris, Thomas tmooremorris@ucsd.edu	<i>Postdoc UCSD</i>
Naonobu Fujita nafujita@ucsd.edu	<i>Postdoc UCSD</i>
Novak, Stefanie smares@email.arizona.edu	<i>Graduate Student University of Arizona</i>
Nworu, Chinedu cnworu@email.arizona.edu	<i>Graduate student University of Arizona</i>
Pellman, Jason jpellman@ucsd.edu	<i>Graduate student UCSD</i>
Pfeiffer, Emily erpfeiff@ucsd.edu	<i>Graduate Student UCSD Bioengineering</i>
Rodriguez-Soto, Ana a1rodrig@ucsd.edu	<i>Graduate Student UCSD</i>

Name (Last, First) email	Position Organization
Sacco, Alessandra asacco@sanfordburnham.org	<i>Assistant Professor Sanford-Burnham Medical Research Institute</i>
Sato, Eugene ejsato@ucsd.edu	<i>PhD student UCSD</i>
SHENTU TZU PIN tpshentu@gmail.com	<i>Postdoc UCSD</i>
Tapia, Olga tapiao@scripps.edu	<i>Research Associate The Scripps Research Institute</i>
Taylor-Weiner, Hermes htaylorw@ucsd.edu	<i>Graduate Student UCSD</i>
Tierney, Matthew mtierney@sanfordburnham.org	<i>Graduate Student Sanford-Burnham Medical Research Institute</i>
Tsianos, George george.tsianos@l-3com.com	<i>Research Scientist L-3 Applied Technologies, Inc.</i>
van Vliet, Piet pvanvliet@ucsd.edu	<i>Postdoc UCSD</i>
Vincent, Ludovic lvincent@ucsd.edu	<i>Graduate student UCSD</i>
Volkers, Mirko mirkovolkers@gmx.de	<i>Postdoc San Diego State University</i>
Wu, Wei wewu@ucsd.edu	<i>Postdoc UC San Diego</i>
Xue Weiguo snowmanxue@yahoo.com	<i>Visiting Scholar Beijing University of Chinese Medicine</i>
YANG, Long lyang@sanfordburnham.org	<i>Postdoc Sanford-burnham Medical Research Institute</i>
Yoshida, Taishi tyoshida@sbmri.org	<i>Visiting researcher Sanford Burnham Medical Research Institute</i>

Name (Last, First) email	Position Organization
Zanella, Fabian fzanella@ucsd.edu	<i>Postdoc UCSD</i>
Zhao, Leyna lzhao@aceabio.com	<i>PhD ACEA Biosciences. Inc.</i>
Zhang, Jianlin jiz007@ucsd.edu	<i>Scientist School of Medicine, UCSD</i>

Abstracts

The abstracts will not be published online. Please check your email for the version of the Agenda containing the abstracts (*sent out* 06-26-2013).

JORGE CHAM © 2010

what's the difference?

WWW.PHDCOMICS.COM

~~(Some hyperbole)~~

