

# AMC | Alternative Muscle Club Meeting

San Diego - Friday, June 28, 2013

*A meeting organized by young scientists  
for **young researchers** interested in muscle research.*

## **Muscle & Vascular Development**

- Cardiac & Skeletal Muscle Development
- Gene Expression Profiling
- Model Organisms
- Cardiac Vasculature
- Pathogenesis of Myopathies

## **Muscle Structure & Function**

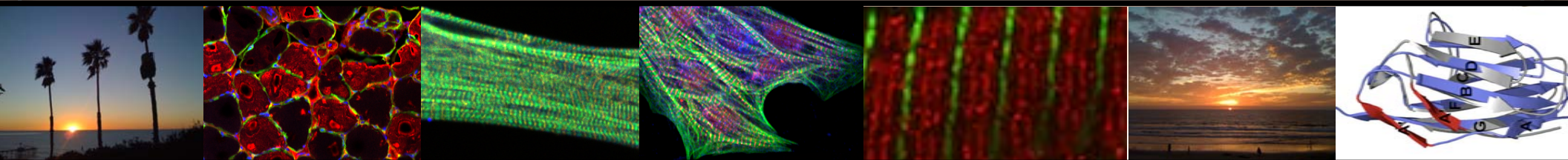
- Structural Analysis of Muscle Proteins
- Molecular Functions of Muscle Proteins
- Ion Channel Mechanisms
- Calcium Handling and Sarcoplasmic Reticulum

## **Biomechanics of Muscle**

- Muscle Biophysics
- Contractile Dynamics
- Bioengineering of Muscle Tissue and Organs
- Mechanosensors & Mechanotransducers
- Musculoskeletal Modeling

## **Muscle Regeneration**

- Myogenic Differentiation of iPS and Stem Cells
- Cardiac Repair Mechanisms
- Skeletal Muscle Stem Cells/Satellite Cells
- Applications for Muscle Therapeutics



A meeting for:

- **PhD students**
- **Postdocs**
- **Junior Faculty**

*Present your work.*

*Build your scientific network.*

*Learn about other projects.*

*Boost your career.*

*Take part - free 1 day meeting.*

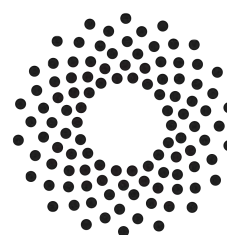
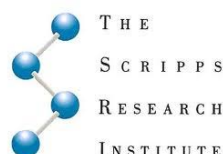
*Abstract deadline:  
May 28, 2013*

*No registration  
fees.*

**Information & Registration:**  
**<http://amcsd-2013.ucsd.edu/>**

*Meeting Place:  
UCSD MET Telemedicine  
Building, Room 143*

*Social Event:  
The LOFT@UCSD*



THE AMERICAN  
SOCIETY FOR  
CELL BIOLOGY

*The science of life, the life of science*

Latest updates on **twitter**: @AMCSD\_2013

email: AMCSD.2013@gmail.com