

# AMC | Alternative Muscle Club Meeting

San Diego - June 28. 2013

*A meeting for **young researchers**  
interested in muscle research.*

## Muscle Development

- Cardiac Development
- Skeletal Muscle Development
- Gene Expression Profiling
- Model Organisms
- Pathogenesis and Progression of Myopathies

## Muscle Structure & Function

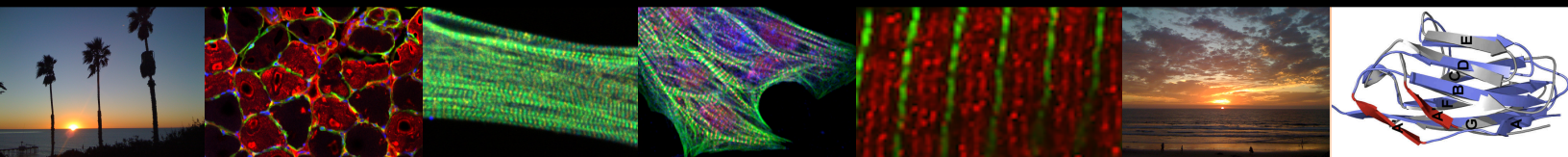
- Structural Analysis of Muscle Proteins
- Molecular Functions of Muscle Proteins
- Ion Channel Mechanisms
- Calcium Handling and Sarcoplasmic Reticulum Function

## 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.

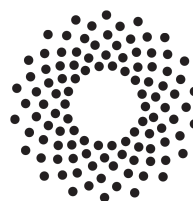
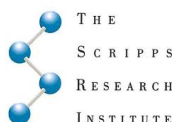
**Boost** your career.

**Take part** - free 1 day meeting.

**Abstract deadline:**  
**May 28. 2013**

**No registration  
fees.**

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



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*The science of life, the life of science*