

Some NIAMS/NIH Funding Opportunities

NIAMS PAs on **Accelerating Research on Intervertebral Disc**, [R01](#) (PA-16-097) and [R21](#) (PA-16-096)

NIAMS RFAs on **Mechanistic Ancillary Studies to Ongoing Interventional Clinical Trials**, [R01](#) (RFA-AR-17-003) and [R21](#) (RFA-AR-17-004)

NIAMS SBIR RFA **Building Complex 3-Dimensional *in Vitro* Human Musculoskeletal and Skin Tissue Models**, [R43](#) (RFA-AR-17-005)

NCATS Chip 2.0 – Disease Modeling Program in FY 2017 (Check out <http://www.ncats.nih.gov/tissuechip> for details and future RFAs)

Mechanistic Ancillary Studies to Ongoing Interventional Clinical Trials (R01, R21)

R01 (RFA-AR-17-003) \$300K/year for up to 4 years

R21 (RFA AR-17-004) \$400k for a two-year period
(≤\$250k/year)

Due dates: 8/9/2016; 12/5/2016; 4/3/2017

Features of the RFAs:

- **Parent studies:**
 - Ongoing interventional clinical trials
 - Can be funded by any source
 - On any topic
- **Ancillary studies:**
 - Must be within NIAMS mission
 - Mechanistic in nature (must justify)
 - Accelerated review (by NIAMS) and award process

3-D Human Tissue Models to Study Musculoskeletal Physiology and Pathophysiology

ORS New Horizon Workshop
8:45 AM – 10:15 AM Tuesday, March 8, 2016

- ***Organs on a Chip: The Future of Personalized Medicine?***
Kevin E. Healy, PhD, University of California Berkeley
- ***Genome Editing to Create Custom-Designed Cells for 3D Tissue Systems***
Farshid Guilak, PhD, Duke University Medical Center
- ***3-D Microtissue Platform to Model Osteochondral Development and Disease***
Rocky S. Tuan, PhD, University of Pittsburgh School of Medicine

Panel Discussion:

Fei Wang, PhD, NIAMS/NIH

Michael S. Roberts, PhD, Center for the Advancement of Science in Space (CASIS), Inc.