

**Los Angeles Tissue Engineering Initiative
First Annual Meeting
Saturday, November 8, 2003**

Registration & Breakfast

- 8:00a - 8:30a Registration & Continental Breakfast
8:30a - 8:40a Welcome and Opening Remarks, *Mike Shaw*, Bioengineering, CLU

Podium Session I & II

- 8:40a - 10:00a Podium Session 1: Bone and Hard Tissue Engineering.**
Moderators: *Bill Tawil*, Baxter BioScience and *Janet Davis*, Rockwell Scientific
- 8:40a - 9:00a Design and Synthesis of Fluorinated Alginate for Therapeutic Use.
Ching-An Peng, Chemical Engineering, USC
- 9:00a - 9:20a Title TBD.
Tara Aghaloo, Maxillofacial, UCLA
- 9:20a - 9:40a Adipose Derived Mesenchymal Stromal Cells for Bone Engineering.
Katie Cowan, Bioengineering, UCLA
- 9:40a - 10:00a Biomimetic Apatite for Bone Engineering.
Kathy Chou, Bioengineering, UCLA
- 10:00a - 10:40a Coffee Break**
- 10:40a - 12:00p Podium Session II: Mechanobiology**
Moderators: *David Warburton*, Children's Hospital and *Dennis Revie*, CLU
- 10:40a - 11:00a Micromechanics of Tissue Failure: High-Resolution Strain Mapping.
Mike Shaw, Bioengineering, CLU
- 11:00a - 11:20a Liquid Precursor Approaches to Novel Biomaterials.
Ed Pope, Matech, Inc.
- 11:20a - 11:40a Optical Imaging for Tissue Engineering.
Dan Farkas, Cedars-Sinai Medical Center
- 11:40a - 12:00p Transfection of wit-3.0 Accelerates Wound Contraction.
Audrey Lin, Bioengineering, UCLA
- 12:00p - 1:40p Lunch (provided)**

Podium Session III & Reception

- 1:40p - 3:00p Podium Session III: Skin and Soft Tissue Engineering**
Moderators: *Geoff Dougherty*, CSUCI and *David Marcey*, CLU
- 1:40p - 2:00p Tissue Engineering: What's Been Done and the Focus for the Future.
Roger De Filippo, Children's Hospital
- 2:00p - 2:20p Synthesis of the Cartilage Lubricating Glycoprotein, Superficial Zone Protein/Lubricin, is Synergistically Stimulated by TGF- β and Adenoviral Expression of TAK1A in Rabbit Articular Chondrocytes.
Paul Benya, UCLA
- 2:20p - 2:40p The Role of MMP-9 in Normal and Abnormal Wound Healing.
Yuan Ping, USC
- 2:40p - 3:00p Device Delivery
Signe E. Varner, Doheny Retina Institute
- 3:00p - 4:00p Closing Remarks and Reception**
Warren Garner, USC