Craniomaxillofacial Disorders and Solutions in Man and Animals

November 11-13, 2016
UCLA Luskin Conference Center
Los Angeles, CA
**Objectives**

The global objective of this conference is to bring together dedicated clinicians and scientists who work on the craniomaxillofacial region and who are interested in learning on similar disorders and solutions in man and animals. A further objective of this conference is to build new connections and strengthen the continuity among clinicians and scientists. The following specific objectives will be achieved:

- **To establish similarities and differences in craniomaxillofacial disorders occurring in man and animals.**
- **To discuss research and clinical efforts to treat craniomaxillofacial disorders in man and animals.**
- **To identify specific targets of excellence to for future efforts investments.**
- **To discuss pathways to sustain and strengthen the conference.**

**Who should attend?**

- Clinicians and scientists working on dental and craniomaxillofacial disorders and who are interested in keeping up with the latest advances in the field.
- Biomedical engineers who want to understand the clinical needs and clinical relevance of current and future engineering modalities.
- Clinicians and scientists working in the field of craniomaxillofacial disorders who are interested in advancing the standard of care to higher levels.
- PhD students, residents and post-doctoral fellows who want to expose their research or form ties with other groups working on similar projects.
## Conference Organizers

Dr. Ichiro Nishimura (UCLA)
Dr. Alireza Moshaverinia (UCLA)
Dr. Boaz Arzi (UC Davis)
Dr. Frank Verstraete (UC Davis)
Dr. Nadine Fiani (Cornell)

## Calendar of Events

### Friday Nov 11, 2016

- **6:00-8:00** Reception and Opening Ceremony

### Saturday Nov 12, 2016

- **7:00-8:30** Breakfast and Registration
- **8:15-8:30** Welcome Address
- **8:30-12:00** Morning Session
- **12:00-1:15** Lunch
- **1:15-5:15** Afternoon Session
- **6:30** Group picture, Social Interactions, and Keynote presentation (Dr. Barbara Natterson Horowitz)
- **7:15** Dinner

### Sunday Nov 13, 2016

- **7:00-8:30** Breakfast
- **8:30-12:00** Morning Session
Saturday Nov 12, 2016

Morning Session: 8:30-12:15

8:30-8:45  Introduction and General Comments
   Dr. Ichiro Nishimura

8:45-9:45  Part 1 - 3D Printing, Special Designs, and Beyond
   Moderator: Dr. Ben Wu
   • Dr. Jay Jayanetti (UCLA)
   • Dr. Ali Khademhosseini (Harvard)
   • Dr. Jason Soukup (U Wisconsin)

9:45-10:00  Coffee Break

10:00-10:40  Part 2 - Oral Immune Disorders and Solutions
   Moderator: Dr. Boaz Arzi
   • Dr. Boaz Arzi (UC Davis)
   • Dr. Nasim Fazel (UC Davis)

10:40-12:00  Part 3 - Tissue Engineering and Stem Cells for Craniofacial
   and TMJ Defects
   Moderator: Dr. Alireza Moshaverinia
   • Dr. Alireza Moshaverinia (UCLA)
   • Dr. Cun Yu Wang (UCLA)
   • Dr. Jeremy Mao (Columbia University)
   • Mr. Toshihiko Maekawa (FUJIFILM)

Afternoon Session: 1:15-5:15

1:15-3:00  Part 4 - Oral and Maxillofacial Cancer, Cysts, and Clefts
   Moderator: Dr. Anahid Jewett
   • Dr. José Ignacio Aguirre (UF)
   • Dr. Anahid Jewett (UCLA)
   • Dr. Eric Carlson (U of Tennessee)
   • Dr. Frank Verstraete (UC Davis)
   • Dr. Santiago Peralta (Cornell)
   • Dr. Arnaud Bewley (UC Davis)
3:00-4:00  Part 5 - Jaw Reconstruction and BMP Strategies  
	Moderator: Dr. Frank Verstraete  
	• Dr. Frank Verstraete (UC Davis)  
	• Dr. Min Lee (UCLA)  
	• Dr. Alexander Reiter (U Penn)  
	• Dr. Homa Zadeh (USC)  

4:00-4:15  Coffee Break

4:15-5:15  Part 6 - Nanotechnology and Drug Delivery Systems  
	Moderator: Dr. Ichiro Nishmura  
	• Dr. Varghese John (UCLA)  
	• Dr. Paul Weiss (UCLA)  
	• Dr. Wenyan Shi (UCLA)  

6:30  Group picture, Social Interactions, and Keynote presentation  
	(Dr. Barbara Natterson Horowitz)

7:15  Dinner
Sunday Nov 13, 2016

Morning Session: 8:30-12:00

8:30-9:10  Part 7 - New Imaging and Diagnostic Technology and Design  
           **Moderator: Dr. Derek Cissel**  
           - Dr. David Hatcher (UC Davis, UCSF) – TMJ Imaging  
           - Dr. Derek Cissel (UC Davis)

9:10 -10:45  Part 8 - Nuggets and Pearls by Residents, PhD Candidates, and Post-docs - 7 minute presentations  
             **Moderator: Dr. Nadine Fiani**

10:30-10:45  Coffee Break

10:45-11:45  Part 9 - Clinical and Translational Science: Panel Discussion  
             **Moderator: Dr. Ichiro Nishimura**  
             - Dr. Ichiro Nishimura, UC BRAID (UCLA)  
             - Dr. Susan Runner, FDA, Branch Chief Dental Devices  
             - Dr. Bernadette Dunham, Former Director, FDA CVM (George Washington U)  
             - Dr. Sherrill Macura (FDA)  
             - TBA human clinical / translational science  
             - TBA animal clinical / translational science

11:45-12:00  Closing Remarks