

## C-DOCTOR 2019 Spring Retreat

*Subject to change*

Monday, June 3 <sup>rd</sup> , 2019 University of California, Los Angeles – Luskin Conference Center – Optimist Room A&B	
8:00 am	<b>Registration</b>
8:00 - 9:00 am	<b>NETWORKING</b> (breakfast provided)
9:00 - 9:10 am	<b>Welcome Remarks</b> C-DOCTOR Directors
9:10 - 9:40 am	<b>Keynote:</b> Anthony Ratcliffe, PhD
9:40 - 10:00 am	<b>NIDCR Program Discussion</b> NIDCR staff
10:00 - 11:00 am	<b>ITP Team Presentations (10 mins + 10 mins Q&amp;A each)</b> <ul style="list-style-type: none"> <li>• 10:00-10:20 “Transdermal deferoxamine to enhance fat graft retention for reconstruction of irradiated soft tissues defects” Derrick Wan, MD (Stanford University)</li> <li>• 10:20-10:40 “Calvarial bone regeneration using mesenchymal stem cells in swine” Yang Chai, PhD (USC)</li> <li>• 10:40-11:00 “Promoting salivary gland regeneration using therapeutic delivery of carbachol” Sarah Knox, PhD (UCSF)</li> </ul>
11:00 - 11:10 am	<b>BREAK</b>
11:10 am - 12:30 pm	<b>ITP Team Presentations (10 mins + 10 mins Q&amp;A each)</b> <ul style="list-style-type: none"> <li>• 11:10-11:30 “Prevention of scar formation in the skin using topical focal adhesion kinase inhibitors” Geoffrey Gurtner, MD (Stanford University)</li> <li>• 11:30-11:50 “Stem cell-based therapies for bone regeneration around ailing dental implants” Tara Aghaloo, DDS, MD, PhD (UCLA)</li> <li>• 11:50-12:10 “PILP: a novel method to repair dentin caries” Stefan Habelitz, PhD (UCSF)</li> <li>• 12:10-12:30 “Replacement salivary tissues for relief of xerostomia” Mary Farach-Carson, PhD (University of Texas)</li> </ul>
12:30 - 1:30 pm	<b>LUNCH - Plateia Restaurant</b>
1:30 - pm	<b>ITP Team Presentations (10 mins + 10 mins Q&amp;A each)</b> <ul style="list-style-type: none"> <li>• 1:30-1:50 “Novel drug candidate for therapy of arthritis of the TMJ” Denis Evseenko, MD, PhD (USC)</li> <li>• 1:50-2:10 “HB-EGF for radiation-induced oral mucositis” Peter Santa Maria, PhD (Stanford University)</li> <li>• 2:10-2:30 “Bone-targeted delivery of MSCs for treatment of osteonecrosis of the jaw” Wei Yao, MD (UC Davis)</li> </ul>

	<ul style="list-style-type: none"> <li>• 2:30-2:50 “3D printed nanoclay enhanced calcium phosphate ceramic composite” David K. Mills, PhD (Louisiana Tech University)</li> </ul>
2:50 - 3:00 pm	<b>BREAK</b>
3:00 - 4:00 pm	<b>ITP Team Presentations (10 mins + 10 mins Q&amp;A each)</b> <ul style="list-style-type: none"> <li>• 3:00-3:20 “Sustained local delivery of pharmacological agents via nanoengineered films to improve healing of craniofacial fractures: comparative pre-clinical evaluation of BMP and deferoxamine in prevalent high-risk injuries” Jason Pomerantz, MD (UCSF)</li> <li>• 3:20-3:40 “3D-transglutaminase hydrogel fibronectin therapy for non-healing irradiated head and neck skin wounds” Alex K. Wong, MD (USC)</li> <li>• 3:40-4:00 “Bioinspired hydrogels for craniofacial muscle regeneration” Kevin Healy, PhD (UC Berkeley)</li> </ul>
4:00 - 5:00 pm	<b>Closed-Door Session (C-DOCTOR, NIDCR, and advisors only)</b>
5:00 pm	<b><i>DINNER for closed-door session attendees</i></b>

**C-DOCTOR 2019 Industry Showcase Day**  
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<b>Tuesday, June 4<sup>th</sup>, 2019</b> <b>University of California, Los Angeles – Luskin Conference Center – Exploration Room</b>	
7:30 am	<b>Registration</b>
7:30 - 8:15 am	<b><i>NETWORKING (breakfast provided)</i></b>
8:15 - 8:30 am	<b>Welcome Remarks</b> C-DOCTOR Directors
	<b>ITP Team Presentations (15 min)</b> <ul style="list-style-type: none"> <li>• 8:30-8:45 “HB-EGF for radiation-induced oral mucositis” Peter Santa Maria, PhD (Stanford University)</li> <li>• 8:45-9:00 “3D-transglutaminase hydrogel fibronectin therapy for non-healing irradiated head and neck skin wounds” Alex K. Wong, MD (USC)</li> <li>• 9:00-9:15 “Replacement salivary tissues for relief of xerostomia” Mary Farach-Carson, PhD (University of Texas)</li> <li>• 9:15-9:30 “Promoting salivary gland regeneration using therapeutic delivery of carbachol” Sarah Knox, PhD (UCSF)</li> <li>• 9:30-9:45 “Transdermal deferoxamine to enhance fat graft retention for reconstruction of irradiated soft tissues defects” Derrick Wan, MD (Stanford University)</li> </ul>
9:45 - 10:00 am	<b>BREAK</b>

10:00 - 11:15 am	<p><b>ITP Team Presentations (15 min)</b></p> <ul style="list-style-type: none"> <li>• 10:00-10:15 “Prevention of scar formation in the skin using topical focal adhesion kinase inhibitors” Geoffrey Gurtner, MD (Stanford University)</li> <li>• 10:15-10:30 “Bone-targeted delivery of MSCs for treatment of osteonecrosis of the jaw” Wei Yao, MD (UC Davis)</li> <li>• 10:30-10:45 “Sustained local delivery of pharmacological agents via nanoengineered films to improve healing of craniofacial fractures: comparative pre-clinical evaluation of BMP and deferoxamine in prevalent high-risk injuries” Jason Pomerantz, MD (UCSF)</li> <li>• 10:45-11:00 “3D printed nanoclay enhanced calcium phosphate ceramic composite” David K. Mills, PhD (Louisiana Tech University)</li> <li>• 11:00-11:15 “Calvarial bone regeneration using mesenchymal stem cells in swine” Yang Chai, PhD (USC)</li> </ul>
11:15 - 11:30 am	<b><i>BREAK</i></b>
11:30 - 12:30 pm	<p><b>ITP Team Presentations</b></p> <ul style="list-style-type: none"> <li>• 11:30-11:45 “Stem cell-based therapies for bone regeneration around ailing dental implants” Tara Aghaloo, DDS, MD, PhD (UCLA)</li> <li>• 11:45-12:00 “Bioinspired hydrogels for craniofacial muscle regeneration” Kevin Healy, PhD (UC Berkeley)</li> <li>• 12:00-12:15 “PILP: a novel method to repair dentin caries” Stefan Habelitz, PhD (UCSF)</li> <li>• 12:15-12:30 “Novel drug candidate for therapy of arthritis of the TMJ” Denis Evseenko, MD, PhD (USC)</li> </ul>
12:30 - 1:30 pm	<b><i>LUNCH - Plateia Restaurant</i></b>