

# **UCR Symposium on Tobacco-Related Disease Research**

**Friday, September 25, 2009**

**9:00AM to 5PM**



**Kohler Conference Room  
231 Chemical Sciences Building**

**Co-Organizers, Professors Yinsheng Wang and Prue Talbot**

**Sponsored by: The California Tobacco-Related Disease Research Program,  
The UCR Environmental Toxicology Graduate Program, the UCR Stem Cell Center,  
and the UCR Office of Research.**

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Time	Speaker	Affiliation	Title
9:00-9:10 AM	<b>Charles Louis</b>	Vice Chancellor for Research, UCR	Welcome Remarks
9:10-9:50 AM	<b>Manuela Martins-Green</b>	Department of Cell Biology and Neuroscience, UCR	Cellular and molecular mechanisms of cigarette smoke-induced inhibition of healing
9:50-10:30 AM	<b>Prue Talbot</b>	Department of Cell Biology and Neuroscience, UCR	The oviduct and stem cells: What they can tell us about harm reduction tobacco products
10:30-10:45 AM	<b>Coffee break</b>		
10:45-11:25 AM	<b>Pratip Bhattacharyya</b>	Enhanced Magnetic Resonance Laboratory, Huntington Medical Research Institute	Hyperpolarization: the emerging techniques for real time imaging and spectroscopy <i>in vivo</i>
11:25 AM-12:05 PM	<b>Giorgio Cavigiolio</b>	Children's Hospital Oakland Research Institute	Searching for a new biomarker of HDL functionality for cardiovascular disease risk assessment
12:05-1:10 PM	<b>Lunch</b>		
1:10-1:50 PM	<b>Dimitrios Morikis</b>	Department of Bioengineering, UCR	Peptidomimetic drug design for age-related macular degeneration, a disease linked to smoking
1:50-2:30 PM	<b>Virender Rehan</b>	David Geffen School of Medicine at UCLA	Exploiting PTHrP/PPAR $\gamma$ signaling to prevent nicotine-induced perinatal lung injury
2:30-3:10 PM	<b>Yinsheng Wang</b>	Department of Chemistry, UCR	Chemistry and biology of DNA adducts arising from reactive aldehydes in smoke
3:10-3:25 PM	<b>Coffee break</b>		
3:25-4:05 PM	<b>Ivan Lopez</b>	Department of Surgery, UCLA School of Medicine	Detrimental effects to the mice hearing organ after mild chronic exposure to carbon monoxide (a major component of tobacco smoke)
4:05-4:45 PM	<b>Kamlesh Asotra</b>	TRDRP, UCOP	Third-hand smoke exposure: An unappreciated public health hazard