

Satellite Symposium of International Union of Physiological Sciences - 2009

1. Symposium Title: Epithelial Ion Transport in Health and Disease

2. Organizer:

Prof. Yoshinori Marunaka  
Department of Molecular Cell Physiology  
Kyoto Prefectural University of Medicine  
Kyoto, 602-8566, Japan

3. Speakers

Baines, Deborah L  
Berthiaume, Yves  
Clauss, Wolfgang  
Eaton, Douglas C  
Foskett, Kevin  
Hirst, Barry  
Hunter, Malcolm  
Kemp, Paul  
Kim, Kwang Jin  
Kitamura, Ken-Ichiro  
Mori, Yoshiaki  
Nakahari, Takashi  
Niisato, Naomi  
Nussinovitch, Itzhak  
Suzuki, Yuichi  
Wilson, Stuart

4. Date: July 23 – 25, 2009

5. Venue: Kyoto Garden Palace (Kamigyo-ku, Kyoto 602-0912, JAPAN)  
<http://www.hotelgp-kyoto.com/english/index.html>

6. Outline:

The epithelial ion transport plays an important role in homeostasis of our internal body environments and defense mechanism from bacterial/viral infection. In this symposium, each speaker provides update information on regulatory mechanisms of ion channels and transporters in epithelial tissues. Specially, we discuss how modification of characters and/or regulatory mechanisms of ion channels and/or transporters occur leading to diseases. Based on the information provided in the symposium, we also provide ideas how we can treat patients by regulating epithelial ion channels and transporters.

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8. Website: <http://homepage3.nifty.com/kpum/satellite.html>

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