

## Conference Student Scholarships: Pathogenesis of Influenza: Virus-Host Interactions

**Grantor:** Keystone Symposia

**Closes:** 1/21/2011

**Maximum:** \$1,000.00

Conference Student Scholarships: Pathogenesis of Influenza: Virus-Host Interactions

Scholarship Deadline: January 21, 2011 (Midnight US Mountain Standard Time)

The mechanisms underlying the pathogenesis of influenza remain controversial. The direct cytopathic effects of viral replication, tissue tropism of the virus, viral-bacterial synergy, as well as innate host responses are inextricably linked and play roles to varying degrees in “seasonal,” zoonotic and pandemic influenza, examples being the pandemics of 1918 and 2009 and H5N1 avian influenza. Animal models, though indispensable, have significant limitations with regard to physiological relevance to human disease. The current symposium brings together researchers working on the virus, viral receptors and tissue tropism, innate and adaptive immunity, systems biology and clinical aspects of lung injury and host defense, to address questions on the pathogenesis of influenza. The aim will be to integrate data from animal and ex vivo / in vitro human experimental models as well as human disease to understand pathogenesis of influenza and how this may lead to effective interventions. As this symposium will take place in the aftermath of the first pandemic in 40 years, there will be a wealth of new knowledge as well as intense scientific interest in the subject. In view of the particular interest in influenza and other viral respiratory diseases generated in the Asia-Pacific region arising from the avian flu H5N1 and SARS experience, situating the meeting in Hong Kong would be particularly appropriate.

Keystone Symposia is offering scholarships to students and post-docs this conference season. These scholarships, of up to \$1000 each, are to be used to help defray the expenses associated with conference attendance, including air (on a U.S. air carrier), ground transportation and lodging costs. Receipts will be required to receive reimbursement.

Abstracts submitted for poster presentation will be used as the basis for awarding the scholarships. Conference organizers will select the scholarship recipients based on the quality of science of the abstract and the relevance of the abstract to the conference topic. Only one application per abstract is accepted.

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Financial Assistance / Student Scholarships

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**Link:** <http://www.keystonesymposia.org/Meetings/viewMeetings.cfm?MeetingID=1127&subTab=scholarships>

**Categories:** Basic Science, Clinical Research, Disease-Specific Research, Infectious Diseases, Pathogenesis , Preventive Medicine, Public Health, Systems Biology, Virology

**Audience:** Graduate Student, Postdoctoral Fellow