

PULMONARY RESEARCH GROUP SCIENTIFIC SYMPOSIUM ANNOUNCEMENT

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Targeting Ion and Water Channels in Pulmonary Disease. Wednesday, October 15, 2003 at GlaxoSmithKline in King of Prussia , PA

Organizers:

**Jonathan Phillips, Schering-Plough, Kenilworth, NJ
Claire Brown, UCB Research, Cambridge, MA
Bill Rumsey, GlaxoSmithKline, King of Prussia, PA**

The Pulmonary Research Group (PRG) invites you to our Fall/Winter 2003 scientific symposium. There is no registration fee for this meeting. However, if you plan to attend, **please respond by email to jonathan.phillips@spcorp.com**. We look forward to your attendance and participation at this symposium.

Directions to GSK and a list of area hotels are attached.

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|--------------------|---|
| 9:00-9:15 | Introduction morning session: Jonathan Phillips, Organizer |
| 9:15-9:55 | ClCa-1 calcium dependent chloride channel blocker effects in asthma.
Roy Levitt, M.D., Genaera Corp. |
| 10:00-10:40 | Ionotropic Purinergic P2X receptors and Airway Sensory Nerves.
Brad Udem, Ph.D., Johns Hopkins University |
| 10:45-11:25 | TRPV-1 channel in airway diseases: bronchitis, asthma, and cough.
Yanlin Jia, Ph.D., Schering-Plough Research Institute |
| 11:30-12:45 | Lunch Break |
| 12:45-1:00 | Introduction afternoon session: Claire Brown, Organizer |
| 1:00-1:40 | The role of aquaporin water channels in the airways.
Alan Verkman, M.D., Ph.D., University of California, San Francisco |
| 1:45-2:25 | Shear stress-induced activation of ion channels in vascular endothelial cells
- pulmonary hypertension.
Abdul Barakat, Ph.D., U. of California, Davis |
| 2:30-3:10 | Ion channels involved in excitation and relaxation of airway smooth muscle.
Michael Kotlikoff, V.M.D., Ph.D., Cornell University |
| 3:15-3:30 | Closing Remarks: Bill Rumsey, Organizer |

GSK - Area Hotels

Philadelphia MARRIOTT West

111 Crawford Avenue
West Conshohocken, PA 19428
USA
Phone: 1 610-941-5600
Fax: 1 610-941-4425
<http://www.marriott.com/dpp/PropertyPage.asp?MarshaCode=PHLWE>

BEST WESTERN

The Inn at King of Prussia
127 South Gulph Road
King of Prussia, PA 19406
USA
Phone: 1 610-265-4500
Fax: 1 610-354-8905
http://www.bestwestern.com/prop_39091

COMFORT INN - King of Prussia

550 West Dekalb Pike
King of Prussia, PA 19406
Phone: 1 610-962-0700
Toll Free: 1 800-222-0222
<http://www.kingofprussia.com/ComfortInn/index.html>

HILTON - Valley Forge

251 W. Dekalb Pike
King Of Prussia, PA 19406
USA
Phone: 1 610-337-1200
<http://www.hilton.com/en/hi/hotels/index.jhtml;jsessionid=AYGD4J0MPOBLDJ31AOQ2ISQ?ctyhocn=KOPHIHF>

SHERATON Park Ridge Hotel

480 North Gulph Road
King of Prussia, PA 19406
USA
Phone: 1 610-337-1800
Fax: 1 610-337-4506
http://www.starwood.com/sheraton/search/hotel_detail.html?propertyID=97505

Radisson Valley Forge

1160 First Avenue
King of Prussia PA 19406
USA
Phone: 1 610-337-2000
Fax: 1 610-768-0183
<http://www.radisson.com/hoteldirectory/hotelbio.jsp?hotelCode=PAVALLEY&origin=Hotel%20Directory&backURI=%2Freservation%2FhotelPreference.do%3FlocationUni%3D1917%26dno%3D05090305100310>