

# Trans-kingdom Innate Immunity

First annual workshop  
Asilomar, California  
September 29-October 1, 2006

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## Friday September 29, 2006

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3:00-6:00 Registration is open. Check in at Asilomar for your room and/or meal tickets.

6:00-7:00 Dinner at the Asilomar dining room.

### Evening

7:00-7:15 Kimmen Sjölander, Intro/Welcome

7:15-8:00 Fred Ausubel, Harvard Medical School "*Evolution of Innate Immunity: Lessons from Arabidopsis and C. elegans*"

8:00-8:30 Nandini Krishnamurthy, UC Berkeley "*The PhyloFacts Innate Immunity Phylogenomic Explorer*"

8:30-9:00 Kasper Hoebe, Scripps Research Institute, California "*Genetic dissection of the innate-adaptive connection: TLRs and beyond...*"

9:00-11:00 Poster session and reception

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## Saturday September 30, 2006

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### Morning

9:00-9:45 Barbara Baker, UC Berkeley "*Comparative genomics: Insight into evolution of plant innate immunity in Solanaceae*"

9:45-10:15 Adam Godzik, Burnham Institute "*Networks connected by TIR domains are expanding, new insights from bacteria and pre-vertebrate genomes*"

10:15-10:30 Coffee break

10:30-11:15 Jonathan Jones, Sainsbury Laboratory (UK) "*Novel approaches to understanding coevolution between plants and filamentous pathogens*"

11:15-12:00 Mary Wildermuth, UC Berkeley "*Salicylic acid: key mediator of plant defensive responses*"

12:00-1:00 Lunch at the Asilomar dining room.

### Afternoon

3:00-3:45 Dan Portnoy, UC Berkeley "*Manipulation of macrophage innate immune responses by Listeria monocytogenes*"

3:45-4:15 Russell Vance, UC Berkeley "*A hypersensitive response triggered by cytosolic sensing of flagellin required to restrict intracellular growth of Legionella pneumophila*"

- 4:15-4:30 Coffee break  
4:30-5:15 Brian Staskawicz, UC Berkeley "*Host-Microbe Interactions Shaping the Evolution of Plant Innate Immunity*"  
5:15-6pm Kim Orth, U. Texas Southwestern Medical Center "*Black Death, Black Spot, Black Pearl; Dissecting the Targets of Pathogenic Effectors*"  
6:00-6:45 Sarah McWhirter, UC Berkeley "*Molecular mechanisms of mammalian type I interferon responses*"  
7:00-9:00 Beach boardwalk barbecue and bonfire.
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**Sunday October 1, 2006**

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Morning

- 9:00-9:30 Christine Kocks, Massachusetts General Hospital "*Phagocytic receptors and opsonins in Drosophila*"  
9:30-10:00 Chris Sullivan, University of Texas, Austin "*Viral subversion of the RNAi pathway*"  
10:00-10:30 Javier E. Irazoqui, Massachusetts General Hospital "*Caenorhabditis elegans beta-catenin and a downstream homeobox transcription factor are required for defense against pathogenic attack*"  
10:30-10:45 Coffee break  
10:45-11:15 Mansour Bassiri, NovaCal Pharmaceuticals "*Myeloperoxidase-halide system generates potent antimicrobial products within innate immunity*"  
11:15-11:45 Jianzhong Liu, Plant Gene Expression Center, Albany, CA "*Silencing of S-nitrosoglutathione reductase 1 (NbGSNOR1) in N. benthamiana compromises basal resistance and attenuates N-mediated resistance to Tobacco Mosaic Virus*"  
12:00-1:00 Lunch at the Asilomar dining room.