

SPECIAL EVENT

PLANT VIROLOGY CLUB SATELLITE SYMPOSIUM

Role of RNAi in the Infection of Viruses of Prokaryotes and Eukaryotes

Saturday - June 18, 2016 - 8:30 AM to 3:30 PM

Location: Graduate Life Center (Auditorium)

Convenor: Valerian V. Dolja, Oregon State University

Registration: Friday, 4:00-8:00 PM and Saturday from 7:30 AM, Squires Student Center
Admittance will not be permitted without ASV meeting registration as displayed on nametags.

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| 8:30 AM | Opening Remarks
Valerian V. Dolja , Oregon State University |
| 8:40- 9:10 AM | Evolution of RNA-Based Antivirus Defense in Prokaryotes and Eukaryotes:
The Mosaic of Common Ancestry and Convergence
Eugene Koonin , National Institutes of Health, NLM |
| 9:15-9:35 AM | A CRISPR Immune Response to Viruses that Infect Bacteria
Blake Wiedenheft , Montana State University |
| 9:40-10:00 AM | Cross-Kingdom RNAi in Plant-Microbial Interactions
Hailing Jin , University of California, Riverside |
| 10:05-10:25 AM | RNA Silencing and Processing Components in Plant Antiviral Defenses
Peter Moffett , University of Sherbrooke, Canada |
| 10:30-10:50 AM | Break |
| 10:50-11:10 AM | Mechanisms of Biogenesis and Function of Viral siRNAs in Plants
Mikhail Pooggin , University of Basel, Switzerland |
| 11:15-11:35 AM | Viral RNase III Enzymes as Suppressors of Antiviral RNAi
Jari Valkonen , University of Helsinki, Finland |
| 11:40 AM -12:00 PM | Fungal RNA Silencing in Antiviral Defense and RNA Recombination
Nobuhiro Suzuki , Okayama University, Japan |
| 12:00-1:30 PM | Luncheon, Graduate Life Center (Multi-purpose Room) |
| 1:30-1:50 PM | Antiviral RNAi in Plants and Mammals
Shou-Wei Ding , University of California, Riverside |
| 1:55-2:15 PM | A Novel Chemopreventive Strategy Based on Therapeutic microRNAs Produced in Plants
Vicki Vance , University of South Carolina |
| 2:20-2:40 PM | Viral Interactions with the RNAi Machinery in Mammalian Somatic Cells
Edward Kennedy , Duke University |
| 2:45-3:05 PM | Targets and Functions of Kaposi's Sarcoma-Associated Herpesvirus miRNAs
Eva Gottwein , Northwestern University |
| 3:10-3:30 PM | Small RNA-Directed Antiviral Immunity in Disease-Vector Mosquitoes
Kevin Myles , Virginia Tech |