

# AQUATIC VIRAL ECOLOGY

## TWO DECADES OF DISCOVERY, WHAT'S NEXT?

3<sup>RD</sup> ANNUAL MEETING OF THE SCOR WORKING GROUP ON  
THE ROLE OF VIRUSES IN MARINE ECOSYSTEMS

UNIVERSITY OF DELAWARE,  
NEWARK, DELAWARE MAY 14-16, 2009

### PLEASE JOIN US

This year marks the 20<sup>th</sup> anniversary of the first reports of high viral abundance within marine ecosystems and the beginning of a renaissance in our appreciation of the importance of viruses to the ecology, population biology, and evolution of their microbial hosts. Today, mounting evidence from field ecology to bacterial comparative genomics and metagenomics of viral assemblages support the idea viral infection is probably a universal phenomena for all microbial life. The broader implications of this fact are that viruses influence global-scale biogeochemical cycles and carry a diverse repository of genes which are capable of altering the physiological features of host cells. This meeting will provide an overview of the current research avenues within viral ecology and implications for our understanding of the ecology of microorganisms in the sea. Despite our focus on marine ecosystems, the SCOR working group welcomes all scientists interested in the influence of viral activities on ecosystem processes and microbial communities.

#### PRELIMINARY SCHEDULE

Thursday May 14<sup>th</sup> Keynote presentation and Evening Mixer  
Friday May 15<sup>th</sup> Presentations and evening poster session  
Saturday May 16<sup>th</sup> Sightseeing and Science: Talks and a tour through the Brandywine Valley

#### REGISTRATION INFORMATION

Principal Investigators: \$160; Post-docs: \$130; Students: \$110

On-line registration and housing will be available in late January. Inquiries concerning meeting details should be directed to Eric Wommack ([wommack@dbi.udel.edu](mailto:wommack@dbi.udel.edu)).

#### VENUE INFORMATION

The University of Delaware in Newark, Delaware is conveniently located between Baltimore and Philadelphia along the I-95 corridor. Newark is ~2h drive from Washington, DC; 1.5h drive from Baltimore, and 1h drive from Philadelphia. The nearby Brandywine Valley offers numerous world class sightseeing opportunities. Transit service from either the Philadelphia International or the Baltimore-Washington International airports is readily available. Regular passenger train service is also available in nearby Wilmington, Delaware.

The Scientific Committee on  
Ocean Research Viral Ecology  
Working Group

#### Co-Chairs

Markus G. Weinbauer (France)  
Steven W. Wilhelm (USA)

#### Core Members

Gunnar Bratbak (Norway)  
Corina Brussaard (Netherlands)  
Dolores Mehnert (Brazil)  
Mathias Middelboe (Denmark)  
Kiezo Nagasaki (Japan)  
Curtis Suttle (Canada)  
Willie Wilson (UK)  
K. Eric Wommack (USA)

#### Associate Members

Feng Chen (USA)  
Roberto Danovaro (Italy)  
Yoanna Eissler (Chile)  
Jed Fuhrman (USA)  
Sonia Ganesella (Brazil)  
Gerhard Herndl (Netherlands)  
Nianzhi Jiao (China-Beijing)  
Nicholas Mann (UK)  
Télesphore Sime-Ngando (France)  
John Paul (USA)  
Declan Schroeder (UK)  
Grieg Steward (USA)  
Dolors Vaqué (Spain)