



FEBS Workshop

# Protein Modules and Networks in Health and Disease

September 5 - 10, 2009

Seefeld in Tirol (Austria)

## Organized by

**Mario Gimona**

University of Salzburg, AUT

**Marius Sudol**

Weis Center for Research, Danville, PA, USA  
Mount Sinai School of Medicine, New York, NY, USA

**Stephan M. Feller**

Weatherall Institute of Molecular Medicine, Oxford, UK

## SPEAKERS:

Gary Bader, Gianni Cesareni,  
Stephan Feller, Mario Gimona,  
Andreas Ladurner, Mark Lemmon,  
Wendell Lim, Xin Lu,  
Bruce J. Mayer, Michael Overduin,  
Tony Pawson, Hisataka Sabe,  
Kalle Saksela, Chris Sander,  
Tom Sawyer, Dev Sidhu,  
Marius Sudol, Giulio Superti-Furga,  
Marc Vidal, Steve Winder,  
Michael Yaffe

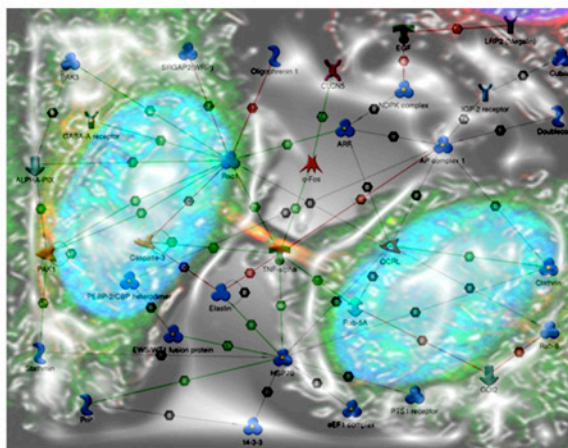
## TOPICS:

Protein-Protein Interaction Modules  
Membrane Modules  
PDZ Domain Modules  
SH Domain Modules  
Kinase Modules  
Modular Interaction Networks  
In Silico Computational Methods  
Signalling Modules  
Organelle Modules  
New Motifs, Domains and Modules  
Modular Proteomics

Organized with support from:



The Weis Center  
for Research  
Danville, PA



"Higher order modularities" (M. Gimona, 2008)

Original Images from G.W. Dougherty and A. Spear

## FOCUS:

Combinatorial and reiterated use of modules and dynamic multiprotein complexes create a vast but finite repertoire of "modularities". These different levels of modularity are studied by biochemical and molecular cell biological methods, but also by comparative analysis in silico, and by genetic manipulations in transgenic animals. A large number of diseases or groups of diseases with comparable phenotypes are caused by functionally equivalent proteins that contain related functional modules, or are part of similarly composed interaction hubs. A future challenge is the translation of bench knowledge about modular proteins and networks into applicable therapeutic tools for molecular medicine. The implications of modular interactions and networks for clinical applications and for the understanding of drug actions will be highlighted.

### FEBS Youth Travel Grant Fellowships

12 FEBS Youth Travel Grants (covering full board and registration, and a contribution to the travel costs) for PhD students and early stage post docs will be available for the Workshop. Applicants for a YTF (i) should be under the age of 31, and (ii) must be a member of a national FEBS affiliated society. Applications for YTFs should be submitted together with the completed Registration Form. We will notify all accepted participants and YTF awardees by July 15, 2009 via e-mail.

### The Venue

The Workshop will take place at the **Hotel Veronika** in Seefeld i.T., a small 4-star hotel in the heart of the Tyrolen Alps ([www.aktivhotel-veronika.at](http://www.aktivhotel-veronika.at)). Seefeld is situated 20 km North-East of Innsbruck on a picturesque high plateau offering a fascinating view on the nearby mountain ridges, and can be reached easily from the airports of Munich and Innsbruck.

### Short presentations & posters

Ample time will be given to poster presentations and short oral communications from young scientists. Selection for short talks (15 min) will be based on abstracts submitted.

## Application and Registration

Applications must include a short CV and reasons for wishing to participate in the Workshop. Selection will be based on research interests of the applicants and the quality of the abstracts submitted.

Applications should be sent by e-mail to:

Dr. Mario Gimona, University of Salzburg

[mario.gimona@sbg.ac.at](mailto:mario.gimona@sbg.ac.at)

for more information see: [www.proteinmodules.org](http://www.proteinmodules.org)

Deadline for standard registration and application for YTFs is

JUNE 15, 2009