Training Workshop:

"Image based high-throughput screening methods and tools for pathway modeling"

May, 13-15, 2008

BioQuant, Heidelberg

Organizers: [Endocyte](), [SBCancer]() and [ViroQuant]()

Confirmed Speakers:

[Chris Allan](), University of Dundee, Technical Lead, Open Microscopy Environment (OME)
[Michael Boutros](), DKFZ Heidelberg
[Holger Erfle](), BIOQUANT, University of Heidelberg
[Thomas Höfer](), DFKZ and BIOQUANT Heidelberg
[Thouis R. Jones](), Imaging Platform of the Broad Institute, Cambridge, MA, Cofounder of CellProfiler
[Lars Kaderali](), BIOQUANT, University of Heidelberg
[Steffen Klamt](), MPI for Dynamics of Complex Technical Systems, Magdeburg
[Chris Lawerenz](), DKFZ Heidelberg
[Thomas Maiwald,]() University of Freiburg, Developer PottersWheel
[Lucas Pelkmans](), ETH Zurich
[Rainer Pepperkok](), EMBL Heidelberg
[Karl Rohr](), DKFZ and University Heidelberg

Topics:

- Application of **High-Throughput Imaging** in **Systems Biology**

- Introduction to **Genome-wide RNAi screening methods**

- Obtaining, Handling and Analyzing of **Imaging Datasets**

- **Mathematical Backgrounds** and **Tools** for **Cellular Pathway Modeling**

Workshop Aim:

The workshop is aimed at Ph.D. students as well as Postdocs who are using or plan to use image-based high-throughput and pathway modeling methods in their research.

Costs:

The workshop costs (including catering during the workshop) are taken over by the organizing initiatives. Please take care to book your own accommodation in Heidelberg (for example at **http://www.heidelberg-marketing.de**).
In case of overbooking, participants will be selected based on the application material (see below).

Application:

If you would like to participate, please submit a brief CV and a short description of your motivation to take part in the workshop. Please give a statement how you plan to integrate the taught methods in your future research (Maximum one to two pages all together (DIN A4, Arial, 11pt)).

Please send your application to: HT-workshop2008@bioquant.uni-heidelberg.de until Sunday, April 20, 2008.

Confirmation of your registration will be sent out until April 25, 2008.

Organizing Committee:

- Nathan Brady, DKFZ Heidelberg

- Roland Eils, University of Heidelberg and DKFZ Heidelberg

- Jan Eufinger, DKFZ Heidelberg

- Angela Oberthür, VIROQUANT/BIOQUANT, University of Heidelberg
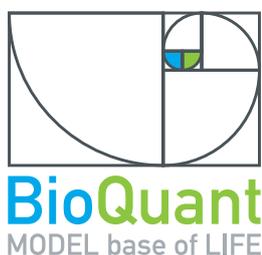
Further Information:

For further information visit http://www.dkfz.de/en/sbcancer/HT-workshop.html

Organizing and Funding by: