



# Ruprecht-Karls-Universität Heidelberg

Institut für Pharmazie und Molekulare Biotechnologie  
Im Neuenheimer Feld 364 • D-69120 Heidelberg

**Institut für Pharmazie und  
Molekulare Biotechnologie**

**Abteilung Biologie**

**Bioanalytik und Molekularbiologie**

**Stefan Wölfl**

(Prof. Dr. rer. nat. habil.)

Im Neuenheimer Feld 364  
D-69120 Heidelberg

Tel +49-6221-54-4878

FAX +49-6221-54-4868

email wolfl@uni-hd.de

## **Bioanalytical Workshop Online Monitoring of Cellular Metabolism using Cell Biosensor Chips**

Host: Prof. Stefan Wölfl,  
AG Bioanalytik, IPMB, Ruprecht-Karls-Universität Heidelberg

**18. Februar 2009**

### Program

- 10:00 Welcome (Prof. Stefan Wölfl and Dr. Ralf Ehret)
- 10:30 The BIONAS cell-based analyzing system for continuous determination of cell physiology  
Dr. Ralf Ehret, Bionas GmbH
- 11:15 On-line monitoring of the metabolic response of cancer cells in response to drug treatment  
Prof. Stefan Wölfl, University of Heidelberg
- 12:00 The kinetics of membrane transport systems measured in real time in living cells  
Prof. Anna Seelig, Biozentrum, University of Basel
- Lunchbreak
- 13:45 A different look at compounds - the use of sensor technology for compound profiling  
Dr. Natasja de Jong, Solvay Pharmaceuticals
- 14:30 Applications of the Bionas Sensor System in anti-cancer drug screening and chemosensitivity tests  
Prof. Pedro Mestres, former University of Saarland, Homburg
- 15:15 Closing Remarks

Location: Universität Heidelberg, Campus Im Neuenheimer Feld, Gebäude 306, Seminarraum 19  
<http://www.uni-heidelberg.de/univ/besucher/karten/6306.html>

The workshop is sponsored by the [BIONAS GmbH](#), Rostock.