



# Max Planck Institute of Colloids and Interfaces

Invite you to

## 1<sup>st</sup> ANNUAL BIOMOLECULAR SYSTEMS DAY 12.10.2012 - Berlin

The Biomolecular Systems Department is the youngest program within the Max Planck Institute of Colloids and Interfaces. The Department has grown into a dynamic and exciting environment over the last three years. We feel that it is time to have a day to celebrate and share our accomplishments and vision for the future.

The Biomolecular Systems Day will feature scholarly presentations from all group leaders within the department, a keynote address from Prof. Dr. Peter H. Seeberger and a vendor fair.

If you wish to participate in this event, please register for free at:

E-mail: [bsday@mpikg.mpg.de](mailto:bsday@mpikg.mpg.de)

Registration deadline : 05<sup>th</sup> of October 2012

We are looking forward to an interesting meeting!

Additional information will be updated at:

<http://www.mpihg.mpg.de/BSday>

## Scientific Program

**08.30-09.00** Arrival and Registration  
**09.00-09.10** Welcome – **Prof. Dr. Peter Seeberger**

### First Session:

Chair: Dr. Daniel Varon Silva

**09.10-09.40** **Dr. D Tyler McQuade**: (Microreactors)

*Microreactors: A Tale of Two Cities*

**09.10-09.40** **Dr. Bernd Lepenies** (Glycoimmunology)

*C-type Lectin Receptors as Targets for Immune Intervention*

**10.10-10.40** **Dr. Daniel Kolarich** (Glycoproteomics)

*Towards quantitative glycoproteomics: Deciphering disease glycoproteome signatures*

**10.40-11.00** **TBA** (ABK Patent, Trademark and Design Attorneys)

**TBA**

### Coffee Break and Exhibitions

### Second session:

Chair: Dr. Laura Hartman

**11.30-12.00** **Dr. Anish Chakkumkal** (Glycobiology)

*Immunological Properties of Synthetic-Glycoconjugates with Potential Vaccine Applications*

**12.00-12.30** **Dr. Christoph Rademacher** (Structural Glycobiology)

*Computer-Aided Design of Novel Lectin Ligands*

**12:30-12:45** **Dr. Uwe Bierfreund** (GE Healthcare)

*Do you want light or heat to measure Affinity?*

### Lunch and Exhibitions

### Third session:

Chair: Dr. Bernd Lepenies

**14.15-14.45** **Dr. Laura Hartman** (Polymeric Biomimetics)

*Precision Polymers: Glycoconjugates for Receptor Targeting and Drug Development*

**14.45-15.15** **Dr. Daniel Varon Silva** (GPI and Glycoproteins)

*GPI-Anchored Molecules: Synthetic Challenges and Applications*

**15.15-15.30** **Dr. Markus Meyer** (Bruker Daltonik GmbH)

*Glycoproteomics: crossing the next frontier in life science*

**15.30-15.45** **David Griffin** (Vapourtec Ltd)

**TBA**

### Fourth session:

Chair: Dr. Tyler McQuade

**16.10-17.15** **Prof. Dr. Peter Seeberger**: (BS Department)

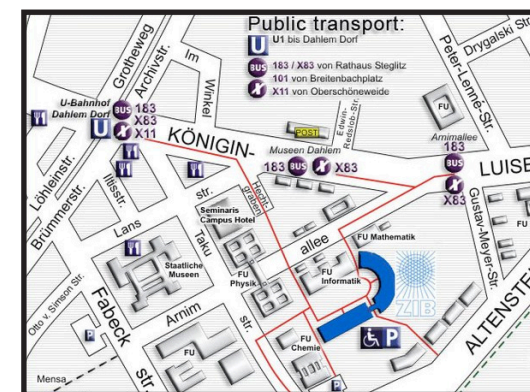
*Biomolecular Systems: General Overview and Strategies*

**17.15- Final Remarks**

### Closing

## Location:

Konrad Zuse Zentrum, Takustr. 7, 14195 Berlin



## Supported by:

