

# FORMULATION OF NANO-BIOMATERIALS Part 2

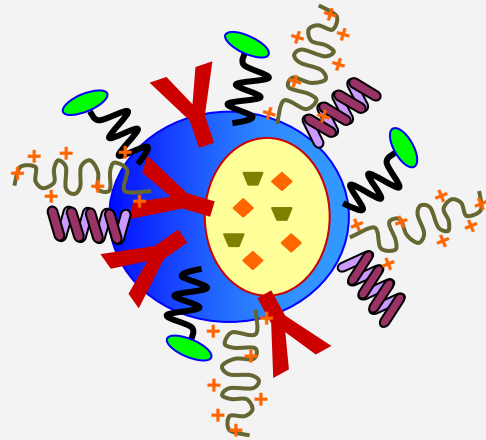
Singapore June 28-30, 2011



### Nanocarriers for biomedical applications

#### Desirable properties

- Small size (<100nm)
- Stimuli triggered, controlled release of drugs
- Protection of drugs from degradation
- Reduced blood clearance
- Active targeting



**MULTIFUNCTIONALITY**

**FORMULATION OF NANO- BIOMATERIALS- Part 2**

**Keynote Lectures:**

- **Prof. Shinji TAKEOKA** (Waseda University, Japan)

**“FABRICATION AND PROPERTIES OF ULTRA-THIN FILMS (NANOSHEETS)  
AS INNOVATIVE BIOMATERIALS”**

- **Dr. Christine Vauthier** (Université Paris IX, France)

**“FORMULATING NANOPARTICLES TO ACHIEVE *IN VIVO* DELIVERY  
OF CHALLENGING DRUGS”**





InForm

Integrating Nanomaterials in Formulations

NanoFormulation 2011

## FORMULATION OF NANO- BIOMATERIALS- Part 2

### Contributed talks:

**Shoucang SHEN** (ICES, Singapore)

**“MESOPOROUS SILICA NANOPARTICLE-FUNCTIONALIZED PMMA-BASED BONE CEMENTS FOR EFFECTIVE ANTIBIOTICS DELIVERY”**

**Shailja TIWARI** (Dr H. S. Gour University, India)

**“VIRAL PROTEIN COMPLEXED LIPOSOMES FOR INTRANASAL DELIVERY OF RECOMBINANT ANTIGEN VACCINE”**

**Jan BARTHELMES** (Leopold-Franzens University Innsbruck, Austria)

**“DEVELOPMENT OF A MUCOADHESIVE NANOPARTICULATE DRUG DELIVERY SYSTEM FOR A TARGETED DRUG RELEASE IN THE BLADDER”**

### Posters:

Wednesday, 29 June: **Session D-PO3**

Thursday, 30 June: **Session D-PO4**



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Barcelona (Spain), Spring 2012



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## BARCELONA, SPAIN

