Symposium & Summer School in  
*Nanomedicine, Biomaterials and Bionanotechnology*  
University of Groningen – UNAM  
June 19th - 22th, 2023  
Venues: Institute of Materials Research, Institute of Chemistry & School of Chemistry, Ciudad Universitaria, Ciudad de México.

### Schedule

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Program of the Symposium

MONDAY 19 (Auditorium of Institute of Materials Research)
10:00 Opening Ceremony
11:00 Coffee break
11:30 **Conference 1.** Dr. Helder A. Santos
   *Design of nanoparticles for cancer immunotherapy and cardiac repair*
12:15 **Conference 2.** Dr. Mohammad-Ali Shahbazi
   *Near-infrared Light-mediated Therapy and Tissue Regeneration by Photoactive Materials*

TUESDAY 20 (Auditorium of Institute of Chemistry)
9:00 **Conference 3.** Prof. Wouter Roos
   *Nanoscale dynamics of biomolecular interactions studied by single-molecule approaches*
9:45 **Conference 4.** Dr. Patrick van Rijn
   *Nanogels: an indispensable nanobiomaterial tool in nanomedicine*
10:30 Coffee break
10:45 **Conference 5.** Dr. Brandon Peterson
   *Biofilms and Bacterial Adaptivity*
11:30 **Conference 6.** Dr. Sarthak Misra
   *Steering Miniaturized Agents*
12:15 **Intercambio Académico UNAM - UG**
   *Experiencias de estudiantes de la UNAM en la UG*

WEDNESDAY 21 (Auditorium of School of Chemistry)
9:00 **Conference 7.** Dr. Prashant K. Sharma
   *Biotribology and friction related diseases*
9:45 **Conference 8.** Dr. Theo van Kooten
   *Biomaterial-related inflammatory processes – the role of macrophages*
10:30 Coffee break

THURSDAY 22 (Auditorium of Institute of Materials Research)
9:00 **Round Table UNAM-UG**
   *The future of Nanomedicine*
10:30 Coffee break
10:45 **Intercambio Académico UG-UNAM**
   *Programas de intercambio*
11:45 Closing Ceremony
Program of the Summer School

MONDAY 19 (Auditorium of Institute of Materials Research)
14:30 Lecture 1. Dr. Prashant K. Sharma
   Viscoelasticity and cell response
16:30 Coffee break
16:45 Lecture 2. Dr. Theo van Kooten
   The role of inflammatory processes in fibrotic events

TUESDAY 20 (Auditorium of Institute of Chemistry)
14:30 Lecture 3. Dr. Helder A. Santos
   Nanomedicines for precise targeted therapies: Innovative Drug Delivery Systems
16:30 Coffee break
16:45 Lecture 4. Dr. Brandon Peterson
   Experimental Design for Working with Bacterial Biofilms

WEDNESDAY 21 (Auditorium of School of Chemistry)
11:00 Lecture 5. Dr. Mohammad-Ali Shahbazi
   Biomaterials for Multifunctional Wound Healing Acceleration
   (finaliza a las 13h)
14:30 Lecture 6. Dr. Sarthak Misra
   Steering Flexible Instruments: Continuum Robotics
16:30 Coffee break
16:45 Lecture 7. Dr. Patrick van Rijn
   Nanogels

GENERAL INFORMATION

- Fully free event.
- Sessions in English language (except for academic exchange events).
- Pre-registration is required to attend the symposium and summer school.
- Link for pre-registration: https://forms.gle/c7c4h6e3QEjK4Af09
- Digital attendance certificates (PDF) will be awarded:
  - Certificate to the symposium only for attendance of at least 3 days.
  - Certificate to the summer school only for attendance of at least 5 classes.
Participation in the Summer School is open to people from related fields:

- Academics and technicians.
- Postdoctoral fellows.
- Graduate students (MSc & PhD).
- Undergraduate students (>70% credits completed).

Acceptance of participation in the Summer School will be confirmed by email.

Access to the event without pre-registration will be subject to availability of space.

For more information: nanomedicinaunam@iquimica.unam.mx

Atte. Organizing Committee

https://www.iim.unam.mx/summerschool

More information:
nanomedicinaunam@iquimica.unam.mx