


	Instituto de Investigaciones en Materiales/Institute of Materials Research	Facultad de Química/ College of Chemistry	Campus Juriquilla	Campus Juriquilla	Campus Juriquilla
	MONDAY, APRIL 6	TUESDAY, APRIL 7	WEDNESDAY, APRIL 8	THURSDAY, APRIL 9	FRIDAY, APRIL 10
8:15			Coffee		
8:30	Registration and Welcome by host directors	Reception		Reception	
8:45			Welcome by host directors		
9:00	Opening	Keynote Lecture 3 Crossing the Blood-Brain Barrier: Strategies for Protein and Gene Therapeutic Delivery to the Brain Dr. Flavia M. de Sousa	School 2 Advanced Nanomedicine and Biomaterial Platforms for Inflammatory Diseases: Engineering, Targeted Delivery, and In Vivo Translation Dr. Hélder Santos	Keynote lecture 6 Quantum sensing for measuring stress responses in single cells Dr. Romana Schirhagl	
9:15					
9:30	Keynote Lecture 1 Rational Bioengineering of Nanomedicines: From Controlled Design to In Vivo Applications Dr. Hélder Santos	Keynote Lecture 4 Drug Delivery to the Brain: Crossing the Blood-Brain Barrier Dr. Inge S. Zuhorn	Visit to the Scientific Visualization Laboratory (LAVIS-UNAM) for UG professors Dr. Alfredo Varela	School 3 Targeted Drug Delivery with Nanomedicines: Drug Delivery across Cellular Barriers Dr. Inge S. Zuhorn	
9:45					
10:00	Presentation of Materials Science and Engineering-PCEIM program Dr. Sandra Rodil	Coffee Break			
10:15					
10:30	Coffee Break	Presentation of UNAM-Groningen program Camila Carvajal Vergara		Coffee Break	
10:45					
11:00	School 1 Engineering the Cellular Microenvironment: Tools and Technologies for Tissue Regeneration and Cancer Therapy Dr. Mohammad-Ali Shabazzi	Presentation of Biochemical Sciences Program Dr. Claudia Treviño	Coffee Break	Keynote Lecture 7 Light, Gel, and Biomimicry: Shaping the Way for Advanced Tissue Healing and Drug Delivery Dr. Mohammad-Ali Shahbazi	
11:15					
11:30	Keynote lecture 2 Quantifying nanoparticle uptake and distribution kinetics in human cells Dr. Christoffer Åberg	PRIVATE EVENT Visit to College of Chemistry facilities	Visit to the Center of Applied Physics and Advanced Technology - National Lab facilities Dr. Remy Ávila	Presentation of the Biomedical Sciences Program Dr. Nuria Sánchez Puig	
11:45					
12:00	PRIVATE EVENT Visit to Materials Research Institute facilities		Lunch	Closure	
12:15					
12:30		Conclusion of Activities in Mexico City			
12:45					
13:00		Transfer to Juriquilla			
13:15					
13:30			Presentation of Materials Science and Engineering Program Dr. Sandra Rodil		
13:45					
14:00			Keynote Lecture 5 Nanoparticle cell internalisation and distribution across scales: From single particles to cell populations Dr. Christoffer Åberg		
14:15					
14:30					
14:45					
15:00					
15:15					
15:30					
15:45					

PRIVATE EVENT
Organizers & Invited Speakers
Strategic Meetings

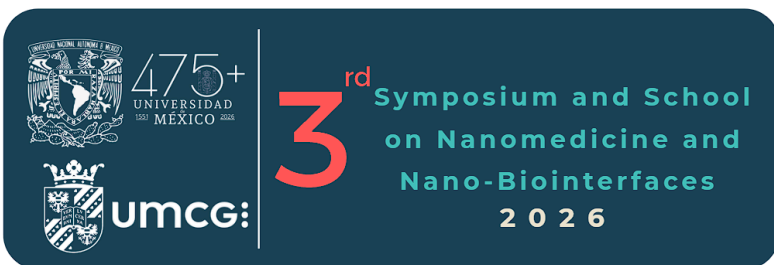


**3rd Symposium and School
on Nanomedicine and
Nano-Biointerfaces
2026**

PROGRAM

MONDAY April 6th | Instituto de Investigaciones en Materiales, Mexico City

08:30-09:00	Registration and Welcome <i>Auditorio IIM</i>
09:00-09:30	Opening <i>Auditorio IIM</i>
09:30-10:30	Keynote lecture 1: Dr. Hélder Santos <u><i>Rational Bioengineering of Nanomedicines: From Controlled Design to in vivo Applications</i></u> <i>Auditorio IIM</i>
10:30-11:00	Talk: Dr. Sandra Rodil <u><i>Presentation of Graduate Programs Materials Science and Engineering Program (PCEIM)</i></u> <i>Auditorio IIM</i>
11:00-11:15	Coffee Break <i>Auditorio IIM Reception Area</i>
11:15-12:15	School day 1: Dr. Mohammad-Ali Shahbazi <u><i>Engineering the Cellular Microenvironment: Tools and Technologies for Tissue Regeneration and Cancer Therapy</i></u> <i>Auditorio IIM</i>
12:15-13:15	Keynote Lecture 2: Dr. Christoffer Åberg <u><i>Quantifying Nanoparticle Uptake and Distribution Kinetics in Human Cells</i></u> <i>Auditorio IIM</i>
13:15-13:45	PRIVATE EVENT - Visit to the Materials Research Institute facilities



TUESDAY April 7th | Facultad de Química, Mexico City

08:30-09:00	Reception <i>Auditorio A</i>
09:00-10:00	Keynote Lecture 3: Dr. Flavia Moreira de Sousa <u><i>Crossing the Blood-Brain Barrier: Strategies for Protein and Gene Therapeutic Delivery to the Brain</i></u> <i>Auditorio A</i>
10:00-10:45	Keynote Lecture 4: Dr. Inge S. Zuhorn <u><i>Drug Delivery to the Brain: Crossing the Blood-Brain Barrier</i></u> <i>Auditorio A</i>
10:45-11:00	Coffee Break <i>Auditorio B Reception Area</i>
11:00 - 11:30	Talk: Camila Carvajal Vergara <u><i>Presentation of UNAM-Groningen Program</i></u> <i>Auditorio A</i>
11:30 - 12:00	Talk: Dr. Claudia Treviño <u><i>Presentation of Biochemical Sciences Graduate Program</i></u> <i>Auditorio A</i>
12:00-13:00	PRIVATE EVENT - Visit to College of Chemistry facilities
13:00	Transfer to Juriquilla, Querétaro <u><i>Conclusion of Activities in Mexico City</i></u>




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CIENCIAS Bioquímicas





3rd Symposium and School on Nanomedicine and Nano-Biointerfaces 2026

WEDNESDAY April 8th | Campus Juriquilla, Querétaro

8:15 - 8:45	Opening coffee <i>Auditorio "Dr. Flavio Mena Jara" Hall</i>
8:45 - 9:00	Welcoming Session <i>Auditorio "Dr. Flavio Mena Jara" Hall</i>
09:00-10:00	School Day 3: Dr. Hélder Santos <u><i>Advanced Nanomedicine and Biomaterial Platforms for Inflammatory Diseases: Engineering, Targeted Delivery, and In Vivo Translation</i></u> <i>Auditorio "Dr. Flavio Mena Jara" Hall</i>
10:00 - 11:15	Laboratory Visit with Dr. Alfredo Varela <u><i>Guided tour through the Scientific Visualization Lab for UG professors</i></u> <i>LAVIS-UNAM, Instituto de Neurobiología</i>
11:15-11:30	Coffee break
11:30 - 13:00	Laboratory Visit with Dr. Remy Ávila <u><i>Visit to the Center of Applied Physics and Advanced Technology - National Lab facilities</i></u> <i>CFATA Labs</i>
13:00 - 14:30	Lunch
14:30 - 15:00	Talk: Dr. Sandra Rodil <u><i>Presentation of Materials Science and Engineering Graduate Program</i></u> <i>Auditorio "Dr. Flavio Mena Jara" Hall</i>
15:00-16:00	Keynote Lecture 5: Dr. Christoffer Åberg <u><i>Nanoparticle cell internalisation and distribution across scales: From single particles to cell populations</i></u> <i>Auditorio "Dr. Flavio Mena Jara" Hall</i>




**3rd Symposium and School
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THURSDAY April 9th | Campus Juriquilla, Querétaro

08:30-09:00	Reception
09:00-10:00	Keynote Lecture 6: Dr. Romana Schirhagl <i>Quantum sensing for measuring stress responses in single cells</i> Auditorio "Dr. Flavio Mena Jara" Hall
10:00-11:00	School Day 4: Dr. Inge S. Zuhorn <i>Targeted Drug Delivery with Nanomedicines: Drug Delivery across Cellular Barriers</i> Auditorio "Dr. Flavio Mena Jara" Hall
11:00-11:30	Coffee Break
11:30-12:30	Keynote Lecture 7: Dr. Mohammad-Ali Shahbazi <i>Light, Gel, and Biomimicry: Shaping the Way for Advanced Tissue Healing and Drug Delivery</i> Auditorio "Dr. Flavio Mena Jara" Hall
12:30-13:00	Talk: Dr. Nuria Sánchez Puig <i>Presentation of Biomedical Sciences Program. (PDCB)</i> Auditorio "Dr. Flavio Mena Jara" Hall
13:00 - 13:30	Talk: Camila Carvajal Vergara <i>Presentation of UNAM-Groningen Program</i> Auditorio "Dr. Flavio Mena Jara" Hall
13:30 - 14:00	Closure of UNAM-Groningen School <i>Closure From Local Hosts (CFATA and INB Directors)</i>

FRIDAY April 10th

09:00-15:00	PRIVATE EVENT Organizers & Invited Speakers Strategic Meetings
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