

International School on Biological Crystallization

Granada (SPAIN), October 4th – 9th, 2026

LABORATORIO DE ESTUDIOS CRISTALOGRAFICOS, IACT-CSIC

Thursday, October 8th

DEMONSTRATION FAIR

D01	Crystallization of membrane proteins in lipid mesophases	Martin Caffrey
D02	Microfluidic tools and crystallization: from fabrication to application	Isaac Rodríguez
D03	How to perform vapor diffusion experiments: Hanging and Sitting drops	Bara Kaščáková & Ivana K.S.
D04	Protein crystallization by capillary counterdiffusion	Luis González
D05	Dialysis, crystallization and the Hofmeister series	Jeroen Mesters
D06	Microbatch crystallization under oil	Angeles Hernández
D07	The Mushroom: a Vapor diffusion set-up for media scale crystallization	Hassan Alshamaa
D08	Protein crystallization in planar oscillatory flow reactors	Filipa Castro
D09	Crystallization in gel media	Sara Illescas
D10	Intracellular protein crystallization	Lars Redecke
D11	Nucleation from theory to practice	A. Van Driessche
D12	Hands-on demonstration of μ crystal preparation and fixed-target loading	J.M. Martín-García
D13	Crystal fishing and mounting (Crystal Harvesting Demonstration)	Simon Tanley
D14	Microseed Matrix Screening experiments using a robot	Patrick Stewart
D15	Formulatrix NT8v4 – crystallization robot for protein drop setting	Kate Lewis
D16	Efficient nanoparticle characterization. Advanced DLS/ELS with <i>Benano</i>	Enrique Mazarrón
D17	BlazeMetrics	Richard Becker
D18	Feeling Like a Syringe Pump for Droplet-Based Microfluidic Crystallization	Nadine Candoni

20:00

GALA DINNER (CARMEN DE LA VICTORIA)

Arrange your own crystallization menu and ENJOY IT!!!

Nº	TITLE	TUTORS	9:20 10:00	10:00 10:40	11:00 11:40	11:40 12:20	12:20 13:00	15:00 15:40	15:40 16:30	16:30 17:15
D01	Crystallization of membrane proteins in lipid mesophases	Martin Caffrey	■			■		-	-	-
D02	Microfluidic tools and crystallization: from fabrication to application	Isaac Rodríguez		■	■		■		■	
D03	How to perform vapor diffusion experiments: Hanging and Sitting drops	Bara K./Ivana K.S.	■			■		■		
D04	Protein crystallization by capillary counterdiffusion	Luis González		■	■		■		■	
D05	Dialysis, crystallization and the Hofmeister series	Jeroen Mesters			■		■	■		
D06	Microbatch crystallization under oil	Angeles Hernández	■			■			■	
D07	The Mushroom: a Vapor diffusion set-up for media scale crystallization	Hassan Alshamaa		■	■		■			■
D08	Protein crystallization in planar oscillatory flow reactors	Filipa Castro	■			■			■	
D09	Crystallization in gel media	Sara Illescas		■	■		■			■
D10	Intracellular protein crystallization	Lars Redecke		■		■				■
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D13	Crystal fishing and mounting (Crystal Harvesting Demonstration)	Simon Tanley		■		■			■	
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D15	Formulatrix NT8v4 – crystallization robot for protein drop setting	Kate Lewis	■		■			■		
D16	Efficient nanoparticle characterization. Advanced DLS/ELS with <i>Benano</i>	Enrique Mazarrón		■		■			■	
D17	BlazeMetrics	Richard Becker	■			■		■		■
D18	Feeling Like a Syringe Pump for Droplet-Based Microfluidic Crystallization	Nadine Candoni					■	■		■