SPQ

QUICK REFERENCE BOOKLET

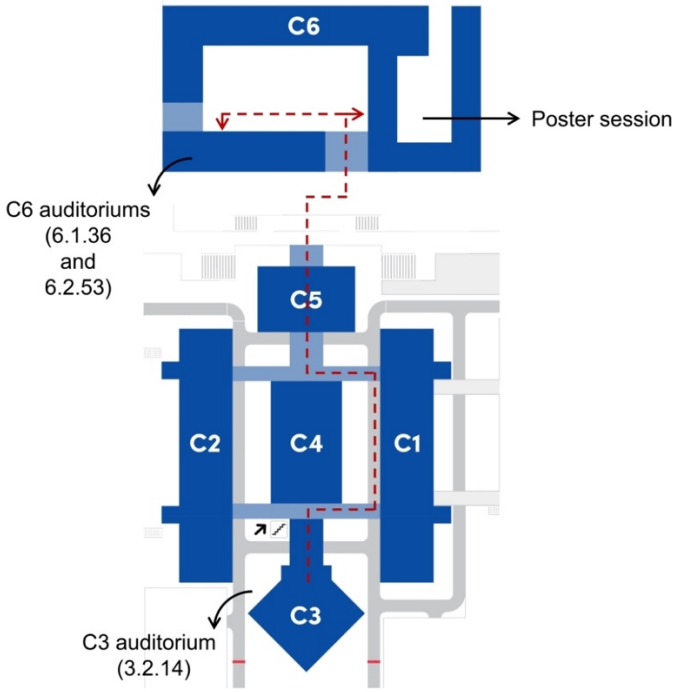
16ENQO
9ENQMB

16th National Organic Chemistry Meeting (16ENQO)
9th National Medicinal and Biological Chemistry Meeting (9ENQMB)
11–13 February 2026
Faculty of Sciences, University of Lisbon

IMPORTANT INFORMATION

Venue

Faculty of Sciences of the University of Lisbon (FCUL), **Buildings C3** and **C6.**
Campo Grande, 1749-016 Lisboa, Portugal.
The FCUL campus is located in Campo Grande and is easily accessible by public transport.



Oral communications

All speakers are requested to adhere to the stipulated time in order to avoid delays in the programme.
Time allocation (including discussion):

Plenary Lecture 45 min	**Invited Lecture** 30 min	**Keynote** 30 min	**Invited OC** 15 min	OC 15 min	Flash OC 7 min

Poster communications

Maximum size : A0, 85 x 110 cm, vertical orientation.
The posters will be on permanent display and should be put up on the first day of the meeting and removed on the third day of the meeting, after the last poster session.
The poster sessions will take place during the Wednesday and Thursday afternoon coffee breaks.

Conference Dinner (for participants with Full registration)

Thursday, February 12, 2026
Museu da Cerveja, Terreiro do Paço – Ala Nascente nº 62 a 65, 1100-148 Lisboa.

SCHEDULE

		Wednesday, Feb 11	Thursday, Feb 12		Friday, Feb 13	
			Room 3.2.14		*Room 3.2.14*	
9:00	9:45		**PL3 Tanja Weil**		**PL5 Mariola Tortosa**	
9:45	10:15		**IL3 - Miguel Machuqueiro**		**IL5 - Vera Silva**	
10:15	10:45		Coffee break		Coffee break	
10:45	11:30		**PL4 Gonçalo Bernardes**		**PL6 Rui Moreira**	
11:30	12:00		**IL4 - Ivo Sampaio-Dias**		**IL6 – Mª João Matos**	
12:00	14:00	Registration	Lunch & Exhibition area (C6)		Lunch & Exhibition area (C6)	
		Room 3.2.14	*Room 6.1.36*	*Room 6.2.53*	*Room 6.1.36*	*Room 6.2.53*
14:00	14:30	Opening Ceremony	**KN1 - Rafael Gomes**	**KN2 - Mª M. Santos**	**KN5 - Nuno Candeias**	**KN6 - Tânia Morais**
14:30	14:45		IOC1- Kevin Cariou	IOC2 - Ana Pina	IOC6 - Milos Vavrik	IOC7 – João Sardinha
14:45	15:00	**PL1 Amir Hoveyda**	OC1- Mª Manuel Marques	OC3 - Ana Estrela	OC8 - João Vale	OC10- Rita Silva-Reis
15:00	15:15		OC2 - João Simões	OC4 - Ana Laura Dias	OC9 - Nuno Moura	OC11 - Márcia Martins
15:15	15:30		F1 - Bruno Guerreiro F2 - Domingos Manuel	F3 - Eurico Lima F4 - Eduarda Ramos	F9 - Raquel Silva F10 - Mariana Peixoto	F11 - Bruna Costa F12- Esther Calvino-Sanles
15:30	15:45	**IL1 - Carlos Baleizão**	Posters & Exhibition area (C6)		Posters & Exhibition area (C6)	
15:45	16:00					
16:00	16:15	Coffee break				
16:15	16:45		**KN3 - João Tomé**	**KN4- Vânia Moreira**	**KN7 - Paula Ferreira**	**KN8 – Mª João Moreno**
16:45	17:00	**PL2 Anna Hirsch**	IOC3 - João Borges	IOC4- Alberto Dal Corso	IOC8- Carlos Monteiro	IOC9 - Patrícia Rijo
17:00	17:15		OC5 - Nuno Basílio	OC7- Nicholas Bossons	OC12- Mª João Queiroz	OC13 - Gonçalo Justino
17:15	17:30		OC6 - Sandra Pinto	IOC5- Jessica Baiget	F13 - Ricardo Chagas F14 - Milene Fortunato	F15 - Jorge Gonçalves F16 - Vasco Castanheira
17:30	17:45	**IL2 – Filipa Marcelo**	F5 - Ana Amorim F6 - Ricardo Ferraz	F7- Anastasiya Voloshchuk F8 - Patrícia Correia	Closing ceremony & awards	
17:45	18:00	Welcome Reception	General Meeting			
			Congress Dinner			

Plenary Lecture 45 min	Invited Lecture 30 min	Keynote 30 min	Invited OC 15 min	OC 15 min	Flash OC 7 min

SCIENTIFIC PROGRAM

Wednesday, February 11	
14:00	**Opening Cerimony** **Joaquim Luís Faria** (President of the Portuguese Chemical Society, FE-UP) **António Casimiro** (Vice-Dean of the Faculty of Sciences of the University of Lisbon) **Jaime Coelho** (Organizing Commitee and Chairperson of the 16ENQO/9ENQMB, FC-UL)
	***Chair**: Manuela Raposo / Pedro Góis*
14:45	**Plenary Lecture 1** **Amir H. Hoveyda** (Boston College, Chestnut Hill, United States) *Established chemistry reprogrammed for precise remolding of alkaloids*
15:30	**Invited Lecture 1** **Carlos Baleizão** (Instituto Superior Técnico, Universidade de Lisboa, Portugal) *Bridging organic chemistry and functional nanomaterials*
16:00	Coffee break
	***Chair**: Matilde Marques / Giovanni Poli*
16:45	**Plenary Lecture 2** **Anna K. H. Hirsch** (Helmholtz Institute for Pharmaceutical Research Saarland, Saarbrücken, Germany) *Tackling underexplored drug targets as a pathway to antibiotics with a novel mode of action*
17:30	**Invited Lecture 2** **Filipa Marcelo** (NOVA School of Science and Technology, Caparica, Portugal) *Glycan recognition as Chemical Biology strategy in cancer therapy*
18:00	**Welcome reception**
Thursday, February 12	
	***Chair**: Paula Branco / Paula Gomes*
9:00	**Plenary Lecture 3** **Tanja Weil** (Max Planck Institute for Polymer Research, Mainz, Germany) *Synthesis in living environments for material–cell communication*
9:45	**Invited Lecture 3** **Miguel Machuqueiro** (Faculdade de Ciências da Universidade de Lisboa, Portugal) *Computational methods to capture pH effects in biomolecules*
10:15	Coffee break
	***Chair**: Paula Branco / Paula Gomes*
10:45	**Plenary Lecture 4** **Gonçalo Bernardes** (University of Cambridge, Cambridge, United Kingdom) *Translational Chemical Biology*
11:30	**Invited Lecture 4** **Ivo E. Sampaio-Dias (**LAQV/REQUIMTE - Faculdade de Ciências da Universidade do Porto, Portugal) *Rational design of proline derivatives for the assembly of bioactive peptides targeting neurological disorders*
12:00	Lunch

	Room 6.1.36
	***Chair**: Fernanda Proença*
14:00	**Keynote 1** **Rafael F. A. Gomes** (iMed.ULisboa, Faculty of Pharmacy, Universidade de Lisboa, Lisbon, Portugal) *Ultra-high-pressure enables electrocyclization reactions*
14:30	**Invited Oral communication 1** **Kevin Cariou** (Chimie ParisTech, PSL University, CNRS, Paris, France) *Organometallic derivatization of drugs for promising antiparasitic and antifungal treatments*
14:45	**Oral Communication 1** **Maria Manuel B. Marques** (LAQV-REQUIMTE, *NOVA School of Science and Technology,* UNL) *Next-generation cyclic iodine(III) reagents driving new frontiers in bond-forming chemistry*
15:00	**Oral Communication 2** **João C. S. Simões** (University of Coimbra, CQC-IMS and Department of Chemistry, Coimbra, Portugal) *A novel synthetic pathway to trans-A2B2-porphyrins: from serendipitous discovery to controlled macrocyclization*
15:15	**Flash Oral Communication 1** **Bruno C. Guerreiro** (CCMAR, Faculty of Sciences and Technology, University of Algarve) *Unanticipated reactivity towards nucleophilic attack in the synthesis of saccharyl-1,3,4-thiadiazolyl conjugates*
15:22	**Flash Oral Communication 2** **Domingos Morais Manuel** (iMed.ULisboa, FFUL; CQE-IMS, FCUL; Inst. Sup. C. Educação da Huíla, Angola) *Synthesis of novel D-glucuronamide-based nucleos(t)ide analogs as promising anticancer and antibacterial hits*
	Room 6.2.53
	***Chair**: Susana Costa*
14:00	**Keynote 2** **Maria M. M. Santos** (iMed.ULisboa), Faculty of Pharmacy, Universidade de Lisboa) *Small molecules to reclaim tumor suppressor p53 function in cancer*
14:30	**Invited Oral communication 2** **Ana S. Pina** (ITQB, Universidade NOVA de Lisboa, Portugal) *Liquid–liquid phase separation driven peptide microreactors as minimal hubs for emergent catalysis*
14:45	**Oral Communication 3** **Ana Estrela** (Fundação GIMM, Lisboa, Portugal; Faculdade de Ciências, Universidade de Lisboa) *In vitro evaluation of innovative peptides towards breast cancer metastization*
15:00	**Oral Communication 4** **Ana Laura Dias** (iMed.ULisboa), Faculty of Pharmacy, Universidade de Lisboa) *Machine learning-guided target identification and optimization of a scorpion-venom alkaloid*
15:15	**Flash Oral Communication 3** **Eurico Lima** (CQ-VR, UTAD, *Vila Real*; RISE-Health, Faculty of Health Sciences, UBI, Covilhã) *"Mild modifications with major biological effects": in vitro efficacy of squaraine dyes as anticancer photodynamic agents*
15:22	**Flash Oral Communication 4** **Eduarda Ramos** (RISE-Health, Faculty of Sciences, University of Beira Interior, Covilhã, Portugal) *Bioinspired metallophore analogues: synthetic approaches and applications in infection diagnostics*
15:30	Coffe break and Posters (C6)

	Room 6.1.36
	***Chair**: Teresa Pinho e Melo*
16:15	**Keynote 3** **João P. C. Tomé** (Instituto Superior Técnico, Universidade de Lisboa, Portugal) *Visible-light-activatable molecules: porphyrins and related compounds*
16:45	**Invited Oral communication 3** **João Borges** (CICECO, Universidade de Aveiro, Portugal) *DNA-inspired supramolecular hydrogels assembled by combining non-covalent and covalent strategies*
17:00	**Oral Communication 5** **Nuno Basílio** (LAQV-REQUIMTE, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa) *Calixarene–pyrene conjugates for induced-fit recognition and dual-wavelength fluorescence sensing in water*
17:15	**Oral Communication 6** **Sandra N. Pinto** (iBB, Instituto Superior Técnico, Universidade de Lisboa, Lisbon, Portugal) *Dendrimer-induced biofilm disruption is accompanied by a global shift in Listeria monocytogenes gene expression*
17:30	**Flash Oral Communication 5** **Ana C. Amorim** (CQC-IMS, Department of Chemistry, University of Coimbra, Portugal) *Molecular design of new organic emitters for light-emitting devices*
17:37	**Flash Oral Communication 6** **Ricardo Ferraz** (LAQV-REQUIMTE, FCUP; RISE-Health, TBIO, ESS, Polytechnic of Porto) *How click chemistry could enhance antimalarial drugs with antimicrobial ionic liquids*
	Room 6.2.53
	***Chair**: João António*
16:15	**Keynote 4** **Vânia M. Moreira** (Faculdade de Farmácia da Universidade de Coimbra, Portugal) *Unlocking the potential of the diterpenoids for the treatment of infection*
16:45	**Invited Oral communication 4** **Alberto Dal Corso** (Università degli Studi di Milano, Italy) *A bispecific small molecule mediates armed antibodies targeting of bone mineral matrix*
17:00	**Oral Communication 7** **Nicholas Bossons** (Chemprecise Lda, Torres Vedras, Portugal; iMed.ULisboa, FFUL) *A scorpion venom derived natural product as a TRPV1 antagonist for the treatment of neuropathic pain*
17:15	**Invited Oral Communication 5 (Industry)** **Jessica Baiget (BIAL)** *Identification of a brain penetrant DβH inhibitor for the treatment of panic and anxiety disorders*
17:30	**Flash Oral Communication 7** **Anastasiya Voloshchuk** (iMed.Ulisboa, Faculty of Pharmacy, Universidade de Lisboa, Portugal) *Ferroptosis-inducing PROTACs for targeted cancer therapy*
17:37	**Flash Oral Communication 8** **Patrícia Correia** (REQUIMTE/LAQV, Department of Chemistry and Biochemistry, Faculty of Sciences, Porto) *When light heals: flavylium derivatives as a new class of photosensitizers for photodynamic antimicrobial therapy*
17:45	**General Meeting**

Friday, February 13	
	***Chair**: Emília Sousa/ Carlos Afonso*
9:00	**Plenary Lecture 5** **Mariola Tortosa** (Autonomous University of Madrid, Madrid, Spain) *Catalysis to increase complexity: stereoselective synthesis of sp^3-rich building blocks*
9:45	**Invited Lecture 5** **Vera L. M. Silva** (Universidade de Aveiro, Portugal) *Synthesis of novel glycosylated quinolone and acridone scaffolds and evaluation of their cytotoxic activity*
10:15	Coffee break
	***Chair**: Emília Sousa/ Carlos Afonso*
10:45	**Plenary Lecture 6** **Rui Moreira** (Faculdade de Farmácia da Universidade de Lisboa, Portugal) *Chemical Modalities and Precision Medicine. New tools for targeted drug release and targeted degradation of challenging proteins*
11:30	**Invited Lecture 6** **Maria J. Matos** (Faculty of Pharmacy, University of Santiago de Compostela, Spain) *Tackling underexplored drug targets as a pathway to antibiotics with a novel mode of action*
12:00	Lunch
	Room 6.1.36
	***Chair**: Victor Freitas*
14:00	**Keynote 5** **Nuno R. Candeias** (Universidade de Aveiro, Portugal) *Exploring the carbon-centred radical chemical space: from quinic acid to peroxysilanes*
14:30	**Invited Oral communication 6** **Milos Vavrik** (Department of Organic Chemistry, University of Vienna, Austria) *Regiodivergent cation sampling for distal Csp3-functionalization*
14:45	**Oral Communication 8** **João R. Vale** (iMed.ULisboa, Faculty of Pharmacy, Universidade de Lisboa) *Photocatalytic synthesis of indoles*
15:00	**Oral Communication 9** **Nuno M. M. Moura** (LAQV-Requimte and Department of Chemistry, University of Aveiro, Portugal) *Strategic synthetic approaches to push–pull porphyrin–carbazole derivatives*
15:15	**Flash Oral Communication 9** **Raquel Nunes da Silva** (LAQV-REQUIMTE; Chemistry and Biochemistry Department, Faculty of Sciences, University of Porto) *Bioactive recovery from tomato by-products: green chemical strategies for circular and sustainable food preservation*
15:22	**Flash Oral Communication 10** **Mariana Peixoto** (CQC– IMS, Department of Chemistry, University of Coimbra, Portugal) *Unlocking AIEgen potential via green multicomponent reactions*
	Room 6.2.53
	***Chair**: Fábio Santos*
14:00	**Keynote 6** **Tânia S. Morais (CQE-IMS, Faculdade de Ciências, Universidade de Lisboa; *IST-ID*)** *Unlocking the potential of ruthenium(II)-based compounds as anticancer chemotherapeutic and targeted agents*

14:30	**Invited Oral communication 7 (Industry)** **João Sardinha** (Hovione) *Micellar catalysis: enabling sustainable chemistry in water*
14:45	**Oral Communication 10** **Rita Silva-Reis** (LAQV-REQUIMTE, University of Aveiro; CITAB, Inov4Agro, UTAD, Vila Real, Portugal) *Solvent choice and decarboxylation as critical modulators of the antitumor activity of Cannabis sativa L. extracts*
15:00	**Oral Communication 11** **Márcia S. Martins** (Laboratório de Química Orgânica e Farmacêutica, FFUP; CIIMAR) *Discovery of new marine inspired therapeutic agents for topical treatment of inflammatory dermatological diseases*
15:15	**Flash Oral Communication 11** **Bruna D. P. Costa** (CCC-IMS and Department of Chemistry, University of Coimbra, Portugal) *Photodynamic therapy of endometrial cancer using newly designed hydrazone-functionalized corroles*
15:22	**Flash Oral Communication 12** **Esther Calvino-Sanles** (GIMM, Lisbon, Portugal; iMed.ULisboa, Faculty of Pharmacy, University of Lisbon) *Metal chelation mediated development of PET tracers based on de novo designed mini binders*
15:30	Coffe break and Posters (C6)
	Room 6.1.36
	***Chair**: Lucinda Reis*
16:15	**Keynote 7** **Paula M. T. Ferreira** (Centro de Química da Universidade do Minho, Braga, Portugal) *Liquid–liquid phase separation of dehydropeptides: from molecular design to functional assemblies*
16:45	**Invited Oral communication 8 (Industry)** **Carlos Monteiro** (Ascenza Agro) *Synthesis laboratory in the agrochemical industry*
17:00	**Oral Communication 12** **Maria-João R. P. Queiroz** (Centro de Química da Universidade do Minho (CQ-UM), Braga, Portugal) *One-pot CuAAC strategies for 1,4-disubstituted 1,2,3-triazoles on (hetero)aromatics, including a green protocol in PEG_{400}*
17:15	**Flash Oral Communication 13** **Ricardo Chagas** (LAQV REQUIMTE, NOVA FCT, Caparica, Portugal) *Design and site-specific grafting of fluorescent probes onto cellulose via orthogonal coupling strategies*
17:22	**Flash Oral Communication 14** **Milene A. G. Fortunato** (iMed.ULisboa, Faculty of Pharmacy, Universidade de Lisboa, Portugal) *In-situ derivatization and isolation strategy of marine natural products for bioactive analogue discovery*
	Room 6.2.53
	***Chair**: Filipa Siopa*
16:15	**Keynote 8** **Maria João Moreno** (Faculdade de Ciências e Tecnologia da Universidade de Coimbra, Portugal) *Why membranes matter: lipid bilayers and 3D drug descriptors in PK/PD prediction*
16:45	**Invited Oral communication 9** **Patrícia Rijo** (CBIOS, Universidade Lusófona; iMed.ULisboa, FFUL; CQE-IMS, Universidade de Lisboa) *Abietane diterpenoids: natural scaffolds for antitumor drugs*
17:00	**Oral Communication 13** **Gonçalo C. Justino** (CQE-IMS, IST-UL, Lisbon, Portugal) *Mass Spectrometry multi-omics reveals mortality biomarkers and ECMO-induced molecular stress in critical illness*

17:15	**Flash Oral Communication 15** **Jorge M. Gonçalves** (Chemistry Centre of University of Minho (CQUM), Braga, Portugal) *Fluorescent 2-aminopurine derivatives: synthesis, photophysical properties and quantum chemical calculations*
17:22	**Flash Oral Communication 16** **Vasco M. S. Castanheira** (LAQV-REQUIMTE, Department of Chemistry, University of Aveiro, Portugal) *Targeting Gram-positive bacteria with tailored cationic diketopyrrolopyrroles as photosensitizers*
	Room 6.1.36
17:30	**Closing ceremony & awards** **Manuela Raposo** (President of the Organic Chemistry Division, UMinho) **Pedro Góis** (President of the Medicinal Chemistry & Chemical Biology Division, FFUL) *Portuguese Award for Best PhD Thesis in Organic Chemistry 2025* *Portuguese Award for Best PhD Thesis in Medicinal Chemistry & Chemical Biology 2025* *Portuguese Award for Best Master Thesis in Organic Chemistry 2025* *Portuguese Award for Best Master Thesis in Medicinal Chemistry & Chemical Biology 2025*

LIST OF COMMUNICATIONS

	Plenary Lectures
PL1	**Amir H. Hoveyda** *Established chemistry reprogrammed for precise remolding of alkaloids*
PL2	**Anna K. H. Hirsch** *Tackling underexplored drug targets as a pathway to antibiotics with a novel mode of action*
PL3	**Tanja Weil** *Synthesis in living environments for material–cell communication*
PL4	**Gonçalo Bernardes** *Translational Chemical Biology*
PL5	**Mariola Tortosa** *Catalysis to increase complexity: stereoselective synthesis of sp^3-rich building blocks*
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	Keynotes
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	Flash oral communications
F1	**Bruno C. Guerreiro** *Unanticipated reactivity towards nucleophilic attack in the synthesis of saccharyl-1,3,4-thiadiazolyl conjugates*
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F15	**Jorge M. Gonçalves** *Fluorescent 2-aminopurine derivatives: synthesis, photophysical properties and quantum chemical calculations*
F16	**Vasco M. S. Castanheira** *Targeting Gram-positive bacteria with tailored cationic diketopyrrolopyrroles as photosensitizers*

	Poster communications
P1	**Zayra B. Silva** *Docking molecular and ADMET analysis of compounds derived from Catharanthusroseus against the E2 protein of CHIKV*
P2	**João Vaz** *Targeting cancer with near-infrared activated prodrugs*
P3	**Bárbara Bahls** *Design, screening and synthesis of new pyrrolo[4,3,2-de]quinolinone derivatives as new G4 targeting molecules*
P4	**Francisca Almeida-Pinto** *SARS-CoV-2 M^{pro}-targeting PROTACs to bypass antiviral resistance*
P5	**Bárbara Marques** *Anticancer potential of RuCp(II) complexes bearing (iso)nicotinic acid ligands*
P6	**Raquel M. Durão** *Easy access to functionalized sparteine derivatives via electrochemical cyanation of quinolizidine alkaloids*
P7	**Daiane N. Maronde** *Light-activated porphyrin for the photodynamic inactivation of S. aureus and E. coli*
P8	**João P. Telo** *Monoterpenoid selenophenes derived from (-)-carvone with GPx-like activity*
P9	**Cláudia Alves** *Cross-coupling approaches towards novel tryptanthrin derivatives*
P10	**Mariana P. Silva** *Selective synthesis of purple versus green-coloured azo-dyes with halochromic and antimicrobial properties*
P11	**Tiago Delgado** *Design, synthesis and activity of flexible nitrobenzamides as antitubercular agents targeting DprE1*
P12	**Catarina Henriques** *Breaking cancer resistance through the combinatorial use of Ru- and Se-based compounds*
P13	**Maria G. Rodrigues** *Developing an asymmetric catalytic version of the Barbier reaction: seeking new BACE-1 inhibitors*
P14	**Sara Hummeid** *Light-triggered modulation of VEGFR2: photoresponsive Sorafenib derivatives as antiangiogenic agents*
P15	**Inês Costa** *Length-dependent antimicrobial properties of peptide-ionic liquid conjugates*
P16	**Joana Agostinho** *Luminol-based chemiluminescent cyanines as new internal light sources in photodynamic therapy*
P17	**Gustavo Caldeira** *Photoactive glycodendritic conjugates for cancer imaging and therapy*
P18	**Bernardo Fragoso** *Optimizing SIRT1 activators for selectivity: a structure-based strategy to reduce off-target effects*
P19	**Margarida Fernandes** *Synthesis of magenta-coloured imidazole-based azo dyes*
P20	**Tomás G. Monteiro** *Design and synthesis of tryptophanol-derived PROTACs for selective degradation of DNA-contact p53 mutants*
P21	**Mathilde L. Boland** *Amphiphilic D-A-π-A benzothiadiazoles: photophysical insights for sensing and bioimaging applications*
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