



XXVI REUNIÓN BIENAL de Química Orgánica



Punta Umbría · Huelva · 14 - 17 Junio 2016

PROGRAM



TUE June 14th

9:00-9:30
 9:30-10:00
 10:00-10:45
 10:45-11:15
 11:15-11:45
 11:45-12:15
 12:15-12:45
 12:45-13:15
 13:15-13:45

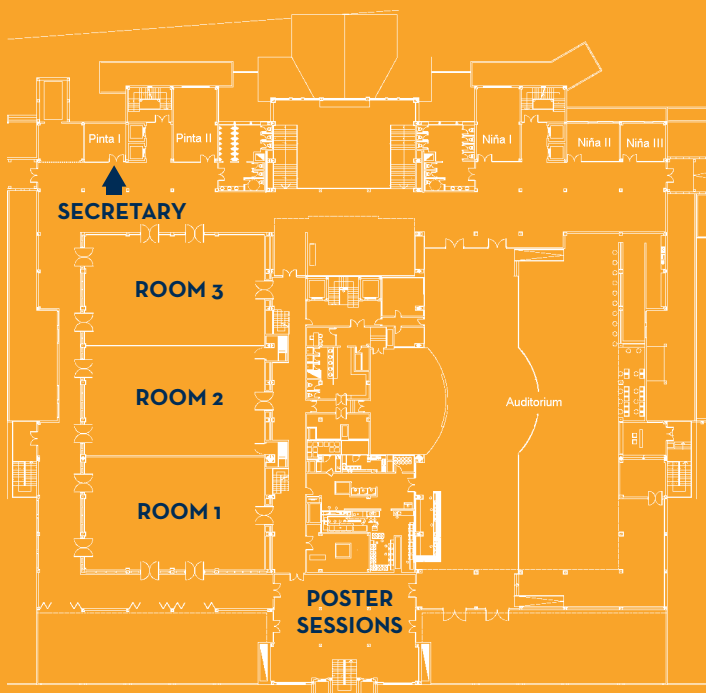
17:00-17:30
 17:30-18:00
 18:00-18:30
 18:30-19:00
 19:00-19:30
 19:30-20:00
 20:00-20:30
 20:30-21:30

Registration
Opening Ceremony and GEQOR 2016 Awards
Ignacio Rivas Medal Lecture: José L. Vicario Félix Serratosa Medal Lecture: Victor S. Martín Welcome Cocktail

WED June 15th

Room 1	Room 2	Room 3
CP1. J. F. Hartwig		
CD1. G. Asensio		
Ch. Y. Díaz		
COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
CO1-CO2	CO5-CO6	CO9-CO10
CO3-CO4	CO7-CO8	CO11-CO12
CF1-6	CF13-18	CF25-30
CF7-12	CF19-24	CF31-36

CP2. D. A. Leigh
Cl2. J. M. Cuerva
Cl3. N-C Reichardt
GEQOR Members Meeting
Poster Session



TIME SCHEDULE

	THU June 16th			FRI June 17th		
	Room 1	Room 2	Room 3	Room 1	Room 2	Room 3
9:00-9:30	CP3. R. Sarpong			CP5. K. Muñiz		
9:30-10:00	CD2. J. L. Mascareñas			CD3. F. P. Cossío		
10:00-10:45	CI4. E. Fernández			CI7. I. Larrosa		
10:45-11:15	COFFEE BREAK		COFFEE BREAK	COFFEE BREAK		COFFEE BREAK
11:15-11:45	CO13-CO14	CO17-CO18	CO21-CO22	CO25-CO26	CO29-CO30	CO33-CO34
11:45-12:15	CO15-CO16	CO19-CO20	CO23-CO24	CO27-CO28	CO31-CO32	CO35-CO36
12:15-12:45	CF37-42	CF49-54	CF61-66	CF73-78	CF85-90	CF97-102
12:45-13:15	CF43-48	CF55-60	CF67-72	CF79-84	CF91-96	CF103-108
13:15-13:45						
17:00-17:30	CP4. P. H. Seeberger			Lilly Session and Award Presentation		
17:30-18:00	CI5. D. González-Rodríguez			CI8. A. Company		
18:00-18:30	CI6. F. Schoenebeck			CP6. V. K. Aggarwal		
18:30-19:00				Closing ceremony		
19:00-19:30						
19:30-20:00						
20:00-20:30	Poster Session			Gala Dinner		
20:30-21:30						

GENERAL INFORMATION

The Lunch and Dinner mentioned in the Program refer to those housed at the Hotel venue. Welcome cocktail, coffee breaks and gala dinner are referred to all attendees.

POSTER PRIZES

Eight poster prizes will be provided by Chemical Communications (4), European Journal of Organic Chemistry (2) and Organic and Biomolecular Chemistry (2). They will be presented in the Closing Ceremony.

MEETING SECRETARY

An office for the Secretary of the Meeting will be opened every day.

PROGRAM

TUESDAY JUNE, 14th

- 17.00 h. Registration Open.
- 19.00 h. Opening Ceremony and GEQOR 2016 Awards Presentation.
GEQOR 2016 Medals Lectures. Rooms 1&2. Session Chair: Joan Bosch.
- 19.30 h. Ignacio Rivas Medal Lecture: José L. Vicario.
Playing with rings: organocatalytic approaches to stereodefined carbo- and heterocyclic scaffolds.
- 20.00 h. Félix Serratosa Medal Lecture: Victor S. Martín.
A journey to the synthesis of natural cyclic ethers.
- 20.30 h. Welcome Cocktail.
- 22.00 h. Dinner.

WEDNESDAY JUNE, 15th

Session 1. Rooms 1&2. Chair: Antonio Echavarren

- 09.00 h. ACS Catalysis Plenary Lecture (CP1).
John F. Hartwig, *Selective catalytic functionalizations.*
- 10.00 h. Bruker Keynote Lecture (CD1).
Gregorio Asensio, *Challenging transformations in scCO₂.*
- 10.45 h. CI1. Yolanda Díaz, *Aziridination as a key step towards the synthesis of sphingosine kinase-1 inhibitors: from metal-catalyzed to organomediated processes.*
- 11.15 h. Coffee break

Session 2. Room 1. Chair: Juan Carlos Carretero

- 11.45 h. CO1. Valentin Hornillos, *Catalytic asymmetric synthesis of phosphine boronates.*
- 12.00 h. CO2. Ruth Dorel, *Linear acenes made easy by gold catalysis.*
- 12.15 h. CO3. Pedro Ramírez-López, *Enantioselective synthesis of QUINAP and its congeners via dynamic kinetic asymmetric transformation (DYKAT).*
- 12.30 h. CO4. Diego J. Cárdenas, *Allenes from Ni-catalyzed Negishi coupling of propargyl bromides: the role of Ni.*
- 12.45 h. Flash presentations CF1-12.

Session 2. Room 2. Chair: Rosa Ortuño

- 11.45 h. CO5. Alfonso Alejo-Armijo, *Isolation and synthesis of A-type procyanidins.*
- 12.00 h. CO6. Francisco Nájera, *Synthesis of fluorescent dendrimeric antigen efficiently internalized by human dendritic cells.*
- 12.15 h. CO7. Ona Illa, *Stereoselective synthesis of chiral cyclobutane-cored triamines and their conjugation to Gd-DOTA. Behaviour as MRI contrast agents.*
- 12.30 h. CO8. Rafael Fernando Martínez, *A novel therapeutic target in the central nervous system: the LPA1 receptor.*
- 12.45 h. Flash presentations CF13-24.

Session 2. Room 3. Chair: Carlos Saa

- 11.45 h. CO9. Liher Prieto, *Formylcyclopropanes as enolate precursors in the asymmetric N-Heterocyclic Carbene (NHC) catalysed synthesis of 3,4-dihydropyran[2,3-B]indoles.*

- 12.00 h.** CO10. Xavier Verdaguer, *P*-stereogenic amino phosphines: versatile building blocks in ligand synthesis and asymmetric catalysis.
- 12.15 h.** CO11. Haizea Etxave, α -Keto amides in asymmetric direct aldol reaction catalyzed by Brønsted bases.
- 12.30 h.** CO12. Alicia Maestro, *Nuevas fullerentioureas quirales y su empleo en la reacción de Michael enantioselectiva.*
- 12.45 h.** Flash presentations CF25-36.
- 13.45 h.** Lunch and free time.

Session 3. Rooms 1&2. Chair: Mar Gómez Gallego

- 17.00 h.** AIQBE Plenary Lecture (CP2).
David A. Leigh, *Making the tiniest machines.*
- 18.00 h.** CI2. Juan M. Cuerva, *Oligo (phenylene ethynylene)s (OPES), new tricks for an old dog.*
- 18.30 h.** CI3. Niels-Christian Reichardt, *Synthesis and biomedical applications of parasite glycans.*
- 19.00 h.** GEQOR Members Meeting.
- 20.00 h.** Posters session.
- 21.30 h.** Dinner.

THURSDAY JUNE, 16th

Session 4. Rooms 1&2. Chair: Sergio Castellón

- 09.00 h.** Atlantic Copper Plenary Lecture (CP3).
Richmond Sarpong, *Strategies and methods for chemical synthesis inspired by complex alkaloids.*
- 10.00 h.** EURJOC Keynote Lecture (CD2).
José Luis Mascareñas, *Metal-based tools in catalysis and chemical biology.*
- 10.45 h.** CI4. Elena Fernández, *Organocatalytic activation of diborons towards unexpected organoboron synthesis.*
- 11.15 h.** Coffee break.

Session 5. Room 1. Chair: Rafael Pedrosa

- 11.45 h.** CO13. Juan Sarria, *Chloromethylgold(I) complexes as source of reactive carbenoids in condensed phase.*
- 12.00 h.** CO14. Javier Adrio, *Expanding the scope of metal catalyzed 1,3-dipolar cycloaddition of azomethine ylides.*
- 12.15 h.** CO15. Belén Rubial, *New alkynylation strategies catalyzed by gold(I) complexes using alkynylsilanes.*
- 12.30 h.** CO16. Pablo Barrio, *Trip acid-catalyzed asymmetric allylboration of ortho-alkynyl benzaldehydes: applications and factors governing enantioselectivity.*
- 12.45 h.** Flash presentations CF37-48.

Session 5. Room 2. Chair: Juan Granja

- 11.45 h.** CO17. Juana M. Pérez, *Impregnated-magnetite and deep eutectic solvents: a green approach for the cross-dehydrogenative coupling reaction.*
- 12.00 h.** CO18. Yichen Wu, *NH-heterocyclic arylidonium salts: a stepping stone on route to the less developed N1-Aryl-5-Iodoimidazoles.*

- 12.15 h.** CO19. Oscar Pàmies, *Asymmetric transformations of challenging 1,1-disubstituted olefins.*
12.30 h. CO20. Juan I. Padrón, *Intramolecular hydroamination vs Prins cyclization: synthesis of five and seven membered azacycles.*
12.45 h. Flash presentations CF49-60.

Session 5. Room 3. Chair: Anna Roglans

- 11.45 h.** CO21. Ana Bahamonde, *Mechanism of the stereoselective α -Alkylation of aldehydes driven by the photochemical activity of enamines.*
12.00 h. CO22. Isabel Aparici-Espert, *Sunscreen-based photocages for topical drugs.*
12.15 h. CO23. Lucia Guillade, *Approach to the synthesis of nahuic acid.*
12.30 h. CO24. Josep Bonjoch, *Amide radical cyclizations in total synthesis.*
12.45 h. Flash presentations CF61-72.

13.45 h. Lunch and free time.

Session 6. Rooms 1&2. Chair: Jesús Jiménez Barbero

- 17.00 h.** Journal of Organic Chemistry Plenary Lecture (CP4).
Peter H. Seeberger, *Preventing and fighting infectious diseases: carbohydrate vaccines and flow chemistry.*
18.00 h. CI5. David González-Rodríguez, *Multicomponent macrocyclic assemblies from a DNA base Toolkit.*
18.30 h. CI6. Franziska Schoenebeck, *Adventures in catalysis: from mechanisms to applications.*
20.00 h. Poster Session.
21.30 h. Dinner.

FRIDAY JUNE, 17th

Session 7. Rooms 1&2. Chair: Rosario Fernández

- 09.00 h.** Agilent Plenary Lecture (CP5).
Kilian Muñoz, *Enantioselective and light-induced catalysis with redox-active halides*
10.00 h. CEPESA Keynote Lecture (CD3).
Fernando P. Cossio, *Emergent properties in catalysis: from Fe(II)-containing macromolecules to organocatalysts.*
10.45 h. CI7. Igor Larrosa, *Pd, Cr and Ag in C-H activation: reactivity and selectivity control in the synthesis of biaryls.*

11.15 h. Coffee break.

Session 8. Room 1. Chair: Esther Lete

- 11.45 h.** CO25. Francisco Juliá-Hernández, *Pd-catalyzed C(sp³)-H Functionalization/carbenoid insertion: quaternary carbon centers via multiple C-C bond-formation.*
12.00 h. CO26. Anna Pla-Quintana, *Enantioselective Rh(I)-carbenoid mediated cascade.*
12.15 h. CO27. Carles Rodríguez-Esrich, *Polystyrene-supported TRIP: synthesis and application to the allylboration of aldehydes.*
12.30 h. CO28. Carlos Vila, *Organocatalytic enantioselective Friedel-Crafts alkylation of indoles in the carbocyclic ring.*
12.45 h. Flash presentations CF73-84.

Session 8. Room 2. Chair: Roberto Sanz

- 11.45 h.** CO29. María Pérez, *Spirooxindole systems from tryptophanol-derived lactams: new spirocyclization reactions.*
- 12.00 h.** CO30. Pedro Alonso, *Synthesis of cyclic alkenyl triflates by a cationic cyclization reaction*
- 12.15 h.** CO31. Patricia García-García, *Synthesis and properties of novel BN isosteres of polycyclic aromatic compounds.*
- 12.30 h.** CO32. José M. Sansano, *Enantioselective 1,3-dipolar cycloadditions of azomethine ylides derived from 2-oxoaldehydes.*
- 12.45 h.** Flash presentations CF 85-96.

Session 8. Room 3. Chair: Isidro G. Collado

- 11.45 h.** CO33. Jaime Rodríguez, *Aislamiento y elucidación estructural de enigmazole C, un nuevo macrólido citotóxico procedente de la esponja neopeltidae SP.*
- 12.00 h.** CO34. Rocío Domínguez, *Designing new small molecules for understanding structure-properties relationship in BHJ solar cells.*
- 12.15 h.** CO35. Alberto Martínez-Cuevza, *Translational isomerism in molecular shuttles triggered by molecular recognition.*
- 12.30 h.** CO 36. María Magdalena Cid, *Design and scope of novel chiral cyclophanes.*
- 12.45 h.** Flash presentations CF 97-108.
- 13.45 h.** Lunch and free time.

Session 9. Rooms 1&2. Chair: José M. González

- 17.00 h.** Lilly Research Program Presentation (CO37).
M. Ángeles Martínez Grau, *Open innovation drug discovery (OIDD): program expansion and new approaches for collaboration.*
- 17.15 h.** Lilly Award Presentation.
- 17.30 h.** Lilly Award Lecture (C18).
Anna Company, *Spectroscopic studies and oxidizing reactivity of two high-valent Ni-oxygen species.*
- 18.00 h.** Universidad de Huelva Plenary Lecture (CP6).
Varinder Aggarwal, *Assembly line synthesis.*
- 19.30 h.** Closing ceremony.
- 21.30 h.** Gala dinner (at Hotel Auditorium).



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