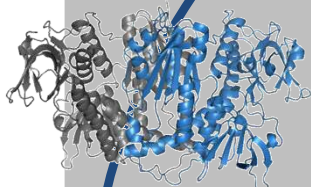


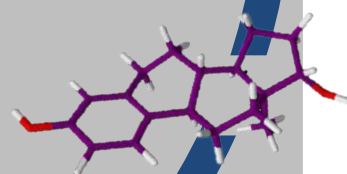


SYMPOSIUM OF MEDICINAL CHEMISTRY YOUNG RESEARCHERS



**Friday
June 22nd 2018**

**CSIC central office
Madrid**



Information: <http://www.seqt.org/es/eventos/symposium-jovenes>

ORGANIZATION



SPONSORSHIP



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Ana María González

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ACKNOWLEDGEMENTS

Beatriz de Pascual-Teresa (SEQT President)

Sara Preciado (SEQT Secretary)

José María Nicolás Amador (IQM-CSIC)

Eva María Priego (SEQT Secretary)

SCIENTIFIC PROGRAMME

8.30 - 9.00 **REGISTRATION**

9.00 - 9.15 **OPENING CEREMONY**

(Dr. Beatriz de Pascual-Teresa, CSIC member, Alejandro Revuelto, Clara Herrera)

9.15 - 10.00 **PLENARY LECTURE: José Martínez Orgado (Hosp. Clínico San Carlos)**
"To protect and to serve: cannabidiol for acquired brain damage in newborns"
(Chairpersons: Clara Herrera and Alejandro Revuelto)

10.00 - 10.25 **FLASH COMMUNICATIONS, *Session I*** (Chairpersons: María Gracia Baquero and Ana Lago)

F.1 Lara Gião Fidalgo (Universidade de Lisboa, iMed.Ulisboa)

"Torin-based compounds: exploring their potencial towards the treatment of protozoan neglected tropical diseases"

F.2 Julia Mayor Pillado (Centro de Investigaciones Biológicas, CIB-CSIC)

"Effect and mechanism of action of the alkylphospholipid analog edelfosine on gastric cancer cells"

F.3 Asier Selas Lanseros (Universidad del País Vasco)

"Synthesis and biological evaluation of novel quinoline derivatives with phosphorated substituents as Top I inhibitors"

F.4 Marcos Galán Ganga (Instituto de Investigaciones Biomédicas, IIBM-UAM)

"Implications of CB2 cannabinoid receptors in the neurodegenerative process associated to tauopathies"

F.5 Alfredo Hernández Cabanillas (Universidad Autónoma de Madrid)

"1,2,3-Dihydrooxadiazine compound, anticancer activity and toxicological study"

F.6 João Ravasco (Universidade de Lisboa, iMed.Ulisboa)

"Bifunctional *trans*-cyclooctenes (BITCOs) for potencial enhancement of spatial-temporal studies in biological systems"

F.7 Sara Castro Sánchez (Instituto de Investigaciones Biomédicas, IIBM-UAM)

LRRK2 inhibitor, JZ1.40, reduces TAU phosphorylation in a tauopathy mouse model"

10.25 - 11.10 **ORAL COMMUNICATIONS, *Session I*** (Chairpersons: María Gracia Baquero and Olaia Martí)

10.25 - 10.40 **O.1 Mikel Etxebeste Mitxelorena (Universidad de Navarra)**

"Novel organoselenium amides as promising leishmanicidal drugs"

10.40 - 10.55 **O.2 Pedro Miguel Pinto Fernandes (Universidade de Lisboa, iMed.Ulisboa)**

"Disclosing the structural and conformational features of the 20S native human proteasome"

10.55 - 11.10 **O.3 Myriam González Díaz (Universidad de Salamanca)**

"The trimethoxyphenyl ring in tubulin inhibiting sulfonamides analogues of CA-4, is it really essential for antimetabolic activity?"

11.10 - 11.40 **FLASH COMMUNICATIONS, *Session II*** (Chairpersons: Ana María González and Olaia Martí)

F.8 Bruno Di Geronimo (Universidad San Pablo CEU)

"Implicit or explicit approach? A DFT calculation of TBB alkylation reaction can be a good example"

F.9 Margarida Leonor Florindo Espadinha (Universidade de Lisboa, iMed.Ulisboa)

"Novel tryptophan-derived oxazoloindolinones as promising anticancer agents"

F.10 Jose Daniel Martínez Ordóñez (CIC-bioGUNE)

"Unraveling the molecular recognition features of DC-SIGN and mannose derivatives by means of novel ¹⁹F-NMR experiments and MD simulations"

F.11 Javier García Marín (Universidad de Alcalá)

"Towards disruption of ILK-parvin interaction as strategy against chronic kidney disease"

F.12 Marta Abellán Flos (Université Paris Sud)

“Re-designing pharmaceuticals: programming self-immolation to avoid ecotoxicity”

F.13 Andrea Bagán Polonio (Universitat de Barcelona)

“A self-disproportionation of enantiomers gives access to the pyrrolobenzodiazepine dilactam core”

F.14 Alba Vicente Blázquez (Universidad de Salamanca)

“Understanding antitubulin downstream events: a novel family of colchicine binding site inhibitors”

11.40 - 12.30

COFFEE-BRUNCH AND POSTER SESSION

12.30 - 13.30

ORAL COMMUNICATIONS, *Session II* (Chairpersons: Marta Gargantilla and Alejandro Revuelto)

12.30 - 12.45

O.4 Carlos Roca Magadán (Centro de Investigaciones Biológicas, CIB-CSIC)

“Fragile X syndrome pharmacotherapy: development of modulators of NCS1-RIC8a protein-protein interaction”

12.45 - 13.00

O.5 André Filipe da Silva Campaniço (Universidade de Lisboa, iMed.Ulisboa)

“Improving ADME properties of Azaaurones as antitubercular agents”

13.00 - 13.15

O.6 Alfonso Pérez Sánchez (Universidad Complutense de Madrid)

“Carbon nanoforms for biological applications”

13.15 - 13.30

O.7 Salvatore Scaffidi (Universitat de Barcelona)

“Drugging the FBW7 E3 ligase with a combined computational and biophysical approach”

13.30 - 14.15

PLENARY LECTURE: Roberto Chicharro (Grupo Juste)

“From gram to ton: 3,5-Diiodosalicylic acid”

(Chairpersons: María Gracia Baquero and Ana Lago)

14.15 - 16.15

LUNCH AND POSTER SESSION

16.15 - 17.45

ORAL COMMUNICATIONS, *Session III* (Chairpersons: Marta Barniol and Ana María González)

16.15 - 16.30

O.8 Pedro Juan Llabrés Campaner (hueleaquimica.wordpress.com)

“Divulgación científica: una labor necesaria”

16.30 - 16.45

O.9 Jorge Jonathan Nué Martínez (Instituto de Química Médica, IQM-CSIC)

“Halogen scan study of a bisimidazoline DNA minor groove binder that targets the kinetoplast of *Trypanosoma brucei*”

16.45 - 17.00

O.10 Marc Aragó i Belenguer (Universitat de Barcelona)

“Dibenzylxanthines as PEPCK-M inhibitors for cancer therapy”

17.00 - 17.15

O.11 Andrés González Santana (Instituto de Química Orgánica, IQOG-CSIC)

“A fast NMR-assisted combinatorial method for optimizing nucleic acid binders”

17.15 - 17.30

O.12 Ricardo Miguel Ribeiro Magalhães Lopes (Universidade de Lisboa, iMed.Ulisboa)

“N,O-Iminoboronates: Reversible iminoboronates with improved stability for cancer cells targeted delivery”

17.30 - 17.45

O.13 Shabnam Shaabani (University of Groningen)

“Drug discovery at the speed of sound”

17.45 - 18.30

PLENARY LECTURE: Michiel Van Gool (Janssen)

“Medicinal Chemistry of the mGlu2 NAM Project for the Treatment of Neuropsychiatric Disorders”

(Chairpersons: Marta Gargantilla and Olaia Martí)

18.30 - 19.00

CLOSING REMARKS & AWARDS *Sponsored by Molecules*

(SEQT council member, Molecules member, Alejandro Revuelto, Ana María González)

19.00-21.00

NETWORKING cocktail at “Taberna Vella Cardeño”