

# 2022 Barluenga Lectureship

Oviedo, October 26-28, 2022



*The “Barluenga Lectureship” is awarded yearly to an exceptional scientist whose work has significantly impacted some area of Chemistry. The recipient of this award delivers a lecture and receives a commemorative medal in an event organized by the University of Oviedo. From this year onwards, an additional lecture is established in honor and memory of Professor Kilian Muñiz, in recognition of his contribution to the development of the Barluenga Lectureship. Other invited lectures are presented by renowned scientists in a symposium organized for the occasion.*

## 7<sup>th</sup> Barluenga Lectureship (2022)

**Prof. Dr. Peter Seeberger**

*Max-Planck Institute for Colloids and Surfaces (Germany)*

## Inaugural Kilian Muñiz Lecture (2022)

**Prof. Dr. Paolo Melchiorre**

*Institut Català d'Investigació Química (ICIQ-Spain)*

All Ceremonies and Lectures will be held in

**Aula Magna de la Clínica Universitaria de Odontología**

*Facultad de Medicina y Ciencias de la Salud, Campus del Cristo (Universidad de Oviedo)*

**October 26, 2022 (Wednesday)**

## *Symposium*

09:45: **Opening Ceremony**

**1<sup>st</sup> Morning Session** Chairperson: Prof. Miquel Pericàs

### *Inaugural Kilian Muñiz Lecture*

10:00-11:00 Prof. Paolo Melchiorre, *Institut Català d'Investigació Química (ICIQ-Spain)*  
*Photochemistry & Organocatalysis: New Radical Opportunities*

11:00-11:30: **Coffee break**

**2<sup>nd</sup> Morning Session** Chairperson: Prof. Carlos Valdés

11:30-12:30: **Short Oral Communications**

- O1 Cristina de la Encarnación
- O2 Jesús M. Fernández-García
- O3 Irene Sánchez-Sordo
- O4 Jorge González-Rodríguez

12:30-13:15 Prof. Rosario Fernández, *Universidad de Sevilla (Spain)*  
*Development of New Catalytic Systems. Applications in Asymmetric Catalysis*

13:15-15:30: **Lunch**

**Afternoon Session** Chairperson: Prof. Javier Cabeza

15:30-16:15: Prof. Abraham Mendoza, *Stockholm University (Sweden) & ICMol (Spain)*  
*Sustainable Organic Synthesis with Highly Unsaturated Carbon Equivalents*

16:15-17:15: **Short Oral Communications**

- O5 Liher Prieto
- O6 Lucía López
- O7 Paula González-Andrés
- O8 Manuel Plaza

17:15-18:00 Dr. June Ereño, *CICbioGUNE (Spain)*

*Deciphering the Molecular Details of the Interaction Mode of Siglecs with Sialylated Ligands: From Chemistry to Biology*

**October 27, 2022 (Thursday)**

## *Symposium*

### **1<sup>st</sup> Morning Session Chairperson: Prof. Rubén Vicente**

09:30-10:15 **Prof. Rubén Martín**, *Institut Català d'Investigació Química (ICIQ-Spain)*

*Ni-Catalyzed Functionalization of Csp<sup>3</sup> C-H Bonds*

10:15-11:00 **Prof. Joaquín García-Álvarez**, *Universidad de Oviedo (Spain)*

*Design of Greener Synthetic Protocols in Transition-Metal-Catalysis, Main-Group Chemistry and Biocatalysis in Sustainable Solvents*

11:00-11:30: **Coffee break**

### **2<sup>nd</sup> Morning Session Chairperson: Prof. Marcos G. Suero**

11:30-12:15 **Dr. Anne Nijs**, *Editor-in-Chief of the EurJOC (Germany)*

*Chemistry Europe and EurJOC – A Look behind the Scenes*

12:15-12:45: **Short Oral Communications**

- O9 Sergio González-Granda
- O10 Thomas Rigotti

12:45-13:30: **Prof. Luis M. Liz-Marzán**, *CICbiomaGUNE (Spain)*

*A Further Twist in the Growth of Metal Nanocrystals*

13:30-15:45: **Lunch**

### **Afternoon Session Chairperson: Prof. Rosa López**

15:45-16:30: **Prof. Israel Fernández**, *Universidad Complutense de Madrid (Spain)*

*Recipient of the GEQOR-José Barluenga-Medal 2020*

*The Pauli-Repulsion Lowering Concept in Catalysis*

16:30-17:15: **Prof. Mariola Tortosa**, *Universidad Autónoma de Madrid (Spain)*

*Recipient of the GEQOR-José Barluenga-Medal 2021*

*Catalysis to Increase Complexity: a 10-Year Journey*

17:15-17:30 **Prize-Giving Ceremony for Best Short Oral Communications**

**October 28, 2022 (Friday)**

**Morning Session      Chairperson: Prof. Rosario Fernández**

***Symposium***

09:15-10:00: **Prof. José Alemán**, *Universidad Autónoma de Madrid (Spain)*

*Recipient of the GEQOR-José Barluenga-Medal 2022*

***Molecular Complexity Through Organo- and Photo-Catalytic Processes***

10:00-10:30: **Barluenga 2020, 2021 and 2022 GEQOR medals ceremony**

10:30-11:15: **Coffee break**

***7<sup>th</sup> Barluenga Lecture***

11:15-12:45: **Ceremony and Lecture**

***Laudatio*      Prof. Jesús Jiménez Barbero**

**Prof. Dr. Peter H. Seeberger**, *Max-Planck Institute for Colloids  
and Surfaces (Germany)*

***Automated Glycan Assembly: Basis for Diagnostics, Vaccines  
and Material Sciences***

## ***Previous Barluenga Lectureship Award Recipients***

2014: **Prof. Manfred T. Reetz**, *Philipps-Universität Marburg (Germany)*

2015: **Prof. K. Peter C. Vollhardt**, *University of California, Berkeley (USA)*

2016: **Prof. François Diederich**, *ETH Zürich (Switzerland)*

2017: **Prof. Ben L. Feringa**, *University of Groningen (The Netherlands)*

2018: **Prof. Hisashi Yamamoto**, *Chubu University (Japan)*

2019: **Prof. Erick M. Carreira**, *ETH Zurich (Switzerland)*

## ***Organizers***

**Departamento de Química Orgánica e Inorgánica  
Instituto Universitario de Química Organometálica Enrique Moles  
Universidad de Oviedo**

## ***Sponsors***

