

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.

7th 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

Symposium

09:45: Opening Ceremony

1st 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

2nd 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

Symposium

1st Morning Session Chairperson: Prof. Rubén Vicente

09:30-10:15 **Prof. Rubén Martín**, *Institut Català d'Investigació Química (ICIQ-Spain)*
Ni-Catalyzed Functionalization of Csp³ 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**

2nd 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

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**

7th 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**

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