

## Plenary Lectures (PL)

N°	Author	Title
PL 1	Norman García	Derivados Fenólicos en la Vida Cotidiana y las Consecuencias de su Fotooxidación
PL 2	Miguel Ángel Miranda	Photochemistry of Drug-Biomolecule Complexes
PL 3	Alexander Geer	Type I and II Photosensitized Oxidation Reactions: Basic Reactions and a Novel Lipophilic Alkyl-Chain Pterin
PL 4	Vanderlei Salvador Bagnato	Photodynamic Action: New perspectives on the microbial control and cancer treatment
PL 5	Jean Cadet	Photo-induced damage to cellular DNA: formation and mechanistic insights
PL 6	Enrique San Román	Photophysics of Dyes in Heterogeneous Systems

## Invited Lectures (IL)

N°	Author	Title
IL 1	Uwe Pischel	Organoboron fluorescent dyes: are there alternatives for Bodipy?
IL 2	Gabriela Oksdath	Photochemical Approaches to Build-up Heterocyclic Compounds
IL 3	Carla Schmidt Cavalheiro	Photochemical deposition of silver nanoparticles on clay and bionanocomposites films
IL 4	Alberto Postigo	Electron-catalyzed Radical Perfluoroalkylation of Organic Sulfides: The Serendipitous Use of the TMEDA/I <sub>2</sub> Complex as a Radical Initiator
IL 5	Virginie Lhiaubet	Intrinsic Photosensitizers for DNA Damage Formation and Repair
IL 6	Erick Leite Bastos	Betalains: from fluorescent flowers to functional dyes
IL 7	Cornelia Bohne	Mechanistic Diversity for the Dynamics of Cucurbit[n]uril-Guest Complexes
IL 8	Sandra Churio	From marine molecules to the ideal sunscreen: what do the photophysicochemical studies tell?
IL 9	Mathieu Frenette	Industry-Academia Collaborations in the Development of Photoredox Reactions That Generate C-S, C-N, and C-C Bonds
IL 10	Raquel Galian	Colloidal Lead bromide Perovskites as promising luminescent nanomaterials
IL 11	Nancy Pizarro	Photochemistry of Rhenium Complexes Bearing P,N-Bidentate Ligands
IL 12	Luciana Giordano	Design and synthesis of fluorescent molecular probes and their applications

## Short Lectures (SL)

N°	Author	Title
SL 1	<b>Cristian Strassert</b>	Hybrid supramolecular photosensitizers in functional microscopy and PDT
SL 2	<b>Denis Fuentealba Patiño</b>	Supramolecular Control of Singlet Oxygen Generation Using Cucurbit[ <i>n</i> ]urils
SL 3	<b>Juliana Marioni</b>	Searching for new strategies against <i>Candida tropicalis</i> biofilm: natural photosensitizing anthraquinones in combination with Amphotericin B
SL 4	<b>Eduardo Peña Cabrera</b>	Chromophores á la carte, simple methods for the preparation of complex fluorescent materials
SL 5	<b>Cacier Hadad</b>	Some Models for Luminescence in Lanthanide-doped Solids
SL 6	<b>Mariana P. Serrano</b>	Photosensitized oxidation of 2'-deoxyguanosine 5'-monophosphate: mechanism of the competitive reactions and product characterization
SL 7	<b>Tito Scaiano</b>	Photocatalytic performance of palladium-modified TiO <sub>2</sub> : from UV to visible light organic transformations
SL 8	<b>Andreas Faust</b>	Molecular imaging and PDT-mediated therapy of bacterial infections with maltodextrin-based probes: A question of structure and stability
SL 9	<b>Lorena Valle</b>	Integration of Temperature and Blue-Light Sensing in <i>Acinetobacter baumannii</i> Through the BlsA Sensor
SL 10	<b>Juan J. Romero</b>	Silicon Based Biomimetic Dyads: Photophysics and Charge Separation Processes
SL 11	<b>Andrés Durantini</b>	Shedding New Light into Lipid Oxidation in GUVs and Bacteria. From Membrane Dynamics to Cell Survival

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**SL 12**

**Jimena Mora**

Concerted One-Electron Two-Proton Transfer Processes (E2PT) in Models Inspired by the Tyr-His Couple of Photosystem II

## Flash Talks (FT)

N°	Author	Title
FT1	<b>Diamela María Rocca</b>	Amoxicillin coated gold nanoparticles with photo-antibacterial action on antibiotic resistant strains
FT2	<b>Sandra Estébanez Ruiz</b>	Photochemical formation of a fluorescent thymidine-pterin adduct in DNA
FT3	<b>Brian Ospina Calvo</b>	Variability in chlorophyll fluorescence spectra of Eggplant Fruit grown under different light environments: case study
FT4	<b>Rocío Torres</b>	Effects of Gold Nanoparticles on the photophysical parameters and photosynthetic capacity of Leaves and Chloroplasts
FT5	<b>Maria Luisa Marin</b>	“Snorkelling” vs “diving” in mixed micelles probed by means of photoactive bathymeter.
FT6	<b>Iván Maisuls</b>	Photophysical, photochemical and photosensitizing properties of a Rhenium complex with dipyrido[3,2-a:2,3-c]phenazine (dppz) and norharmane (nHo) as ligands, $\text{Re}(\text{CO})_3(\text{dppz})(\text{nHo})^+$ . A Laser Flash Photolysis study
FT7	<b>Eugenia Reynoso</b>	Charge Distribution-Inactivation Relationships of Chlorine Derivatives in Photoinactivation of <i>S. aureus</i> and <i>E. coli</i>
FT8	<b>Juan Manuel Romero</b>	Modeling chlorophyll fluorescence at canopy level for different species
FT9	<b>María Laura Dell’Arciprete</b>	Fluoroquinolone Antibiotics Encapsulation in Calcium Phosphate-Nanoliposome for Bacteria Treatment
FT10	<b>Julio R. De La Fuente Urrutia</b>	Photoreductions of Quinoxalin-2-one Derivatives.

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<b>FT11</b>	<b>Anabel E. Lanterna</b>	Contributions of the Single-molecule Techniques to the Organic Tool-Kit: Click Chemistry as a Proof of Concept
<b>FT12</b>	<b>María Noel Urrutia</b>	A novel result about the stability of aqueous solution of folic acid under UV-A radiation
<b>FT13</b>	<b>Pedro Aramendía</b>	Protein association dynamics studied by super resolution fluorescence microscopy
<b>FT14</b>	<b>Paulina Cardoso-Schivi</b>	Nanoemulsions of <i>Trichoclina sinuata</i> (Asteraceae) extracts as sunlight-activated insecticides
<b>FT15</b>	<b>Martín Mirenda</b>	Fluorescence of highly absorbing samples in transmission geometry with a commercial spectrofluorometer
<b>FT16</b>	<b>Maximiliano Rossa</b>	Exploring MS and IRMPD fingerprints of protonated Watson-Crick and Hoogsteen pairs of (Cytosine-Guanine)H <sup>+</sup>

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