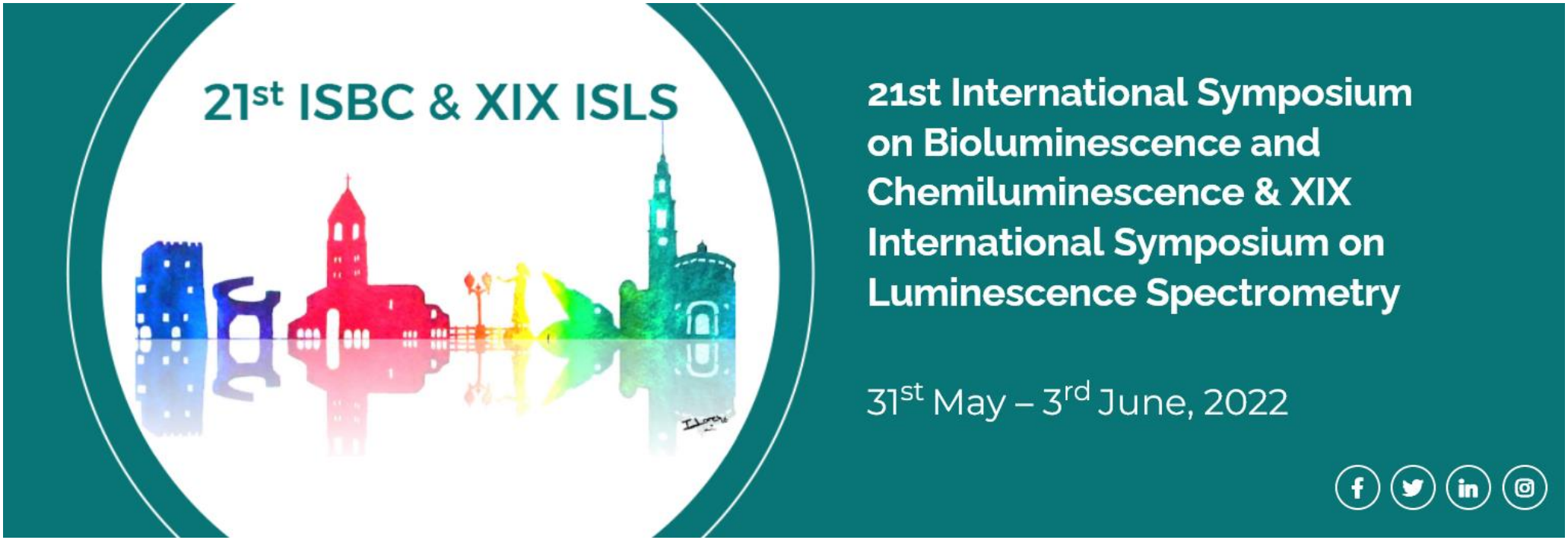

Scientific Program

MONDAY, MAY 30th					
16:00	19:00	REGISTRATION		16:00	19:00
19:00	20:30	ICE BREAKER WINE & opening of the exhibition hall (*"Asturias" room*)		19:00	20:30

TUESDAY, MAY 31st										
8:00	19:00	*REGISTRATION*							8:00	19:00
		"Anfiteatro" room								
8:30	9:00	Opening ceremony							8:30	9:00
9:00	9:45	Plenary Lecture	***Aladar A. Szalay***	*Use of light-emitting, live Vaccinia virus (smallpox vaccine) strains in immune-therapy of cancer patients in human clinical trials*					9:00	9:45
		"Anfiteatro" room				*"Gijón"* room				
10:00	10:30	Invited Lecture	***Keith V. Wood***	*Mechanistic Insights into Oplophorus Luciferase*		Invited Lecture	***Loic Blum***	*Enzymatic Analysis with Electrochemiluminescence*	10:00	10:30
10:30	11:30	COFFEE BREAK AND POSTER SESSION (*"Asturias" room*)							10:30	11:30
11:30	11:50	Keynote Lecture	***Jose María López de Luzuriaga***	*Gold(I) complexes showing Thermally Activated Delayed Fluorescence. Strategies for a new class of emitters*		Keynote Lecture	***Mara Mirasoli***	*Chemiluminescence biosensors for Space lifescience applications*	11:30	11:50
11:50	12:10	Keynote Lecture	***Dirk Poelman***	*$GdVO_4$:Nd Near-infrared emitting nanoparticles for bio-imaging: from top to bottom*		Keynote Lecture	***Stefan Schramm***	*Crystalline Fireflies – Understanding Chemiluminescence and Bioluminescence in the Solid State*	11:50	12:10
12:10	12:25	Oral presentation	***Agata Szczeszak***	*Luminescent materials as a protection against counterfeiting*		Oral presentation	***Gerhard Schwaiger***	*Chemiluminescence based quantification of Legionella by heterogeneous asymmetric recombinase polymerase amplification (haRPA) on a flow-based microarray*	12:10	12:25
12:25	12:40	Oral presentation	***Oier Pajuelo-Corral***	*A family of MOFs built from zinc(II) ion and 3-aminoisonicotinc acid with application in luminescent thermometry*		Oral presentation	***János Erostyák***	*Laurdan fluorescence spectroscopy study of cell membrane's phase properties*	12:25	12:40
12:40	12:55	Oral presentation	***Tomasz Grzyb***	*Shifting excitation of upconverting nanoparticles over 1000 nm – design, synthesis and applications*		Oral presentation	***Maria Maddalena Calabretta***	*Bioluminescent microtissues: towards cancer avatars*	12:40	12:55
12:55	13:10	Oral presentation	***Neso Sojic***	*Photo-Induced Electrochemiluminescence at Semiconductor Electrodes*		Oral presentation	***Francisco Javier del Campo***	*NFC-enabled ECL assays for mobile point of care devices*	12:55	13:10
13:10	13:25	Oral presentation	***Dominika Przybylska***	*Physicochemical properties of luminescent nanocolloids based on $Sr_{1-x}LuxF^{2+}x$ doped with Yb^{3+} and Tm^{3+}*		Oral presentation	***Andrea Lizette Larraga***	*Influence of multiple light parameters on photosensitiser activation for breast cancer treatment*	13:10	13:25
13:30	15:30	LUNCH							13:30	15:30

		"Anfiteatro" room				"Gijón" room				
15:30	16:00	Invited Lecture	***João Luís Machado dos Santos***	*Combining quantum dots with chemometrics for chemical analysis*		Invited Lecture	***Ángel Ríos***	*Luminescence support for developing the Analytical Nanoscience and Nanotechnology*	15:30	16:00
16:00	16:30	Invited Lecture	***Alfonso Fernández-González***	*On the luminescence of Carbon Dots: a versatile platform for sensing and labeling*		Oral presentation	***Adrián Sánchez Visedo***	*Multicomponent Nucleic Acid enzymes as signal amplification strategy for the detection of microRNA based on Fluorescence Resonance Energy Transfer*	16:00	16:15
						Oral presentation	***Esther Pinilla Peñalver***	*Riboflavin-based fluorescence as an efficient tool for graphene oxide and catechin sensing*	16:15	16:30
16:30	16:45	Oral presentation	***Natalia Villamayor Moreno***	*S,N Co-Doped graphene dots as distinctive sensing nanotool for a quenching responsive discrimination towards free and quercetin-loaded nanoemulsions*		Oral presentation	***Donato Calabria***	*An origami biosensor based on chemiluminescent immunoassay on magnetic microbeads for allergen traces detection*	16:30	16:45
16:45	17:00	Oral presentation	***Natalia Jurga***	*Determination of whole human blood penetration depth based on the luminescence of NIR-excited UCNPs*		Oral presentation	***Antony Ali Assaf***	*Evaluation of the impact of bad storage (temperature) on the chicken meat quality by Raman Spectroscopy coupled with chemometric methods*	16:45	17:00
17:00	17:15	Oral presentation	***Houda Moumene***	*Modelling Absorption Spectra of Furimamide - Nanoluciferase System*		Oral presentation	***Lamine Cissé***	*Spectrofluorimetric study for the determination of beta-blockers atenolol and bisoprolol fumarate residues in Senegal natural waters*	17:00	17:15
17:15	17:30	Oral presentation	***Guillermo Redondo Fernández***	*Ultrabright doped carbon dots as improved labels for immunosensing*		Oral presentation	***Giada Moroni***	*Synthesis and Photophysical Characterization of a Novel Class of N-Substituted Acridine-containing 1,2-Dioxetanes as Sensitive Thermochemiluminescent Probes in Distinct Environments*	17:15	17:30
17:30	17:45	Oral presentation	***James Anderson***	*Design, synthesis and bioluminescence of rotationally restricted infraluciferins*		Oral presentation	***Chuanyang Liu***	*Spatial-temporal characteristics of fluorescence dissolved organic matter on upstream of Yangtze river by parallel factor analysis based on excitation-emission-matrix*	17:30	17:45
17:45	18:00	Oral presentation	***Yves L. Janin***	*Analogues of a luciferin of marine origin, few chemistry contributions*		Oral presentation	***Lamine Cissé***	*Applications of photo-induced fluorescence methods for the quantification of diclofenac sodium in pharmaceutical formulations and environment.*	17:45	18:00
18:00	18:15	Oral presentation	***Vadim R. Viviani***	*Molecular properties, anatomical and taxonomical distribution of keroplatin and luciferase in Keroplatinae (Diptera: Keroplatidae)*		Oral presentation	***Giovanni Valenti***	*New Insights Into Electrogenerated Chemiluminescence Mechanism for the Enhancement of Bioanalytical Performance*	18:00	18:15
18:15	18:30	Oral presentation	***Christian Chimeno-Trinchet***	*Europium-doped Carbon Dots for analysis in aqueous and organic media*		Oral presentation	***Elena Bocharnikova***	*On the nature of the fluorescence of sulphaguanidine*	18:15	18:30
18:30	19:30	**POSTER SESSION** (*"Asturias" room*)							18:30	19:30
19:30	22:30	**WELCOME COCKTAIL (Asturian Espicha) and Asturias Traditional Music** (*El Tendayu - Pueblo de Asturias*)							19:30	22:30

WEDNESDAY, JUNE 1st

8:00	19:00	***REGISTRATION***							8:00	19:00
		***"Anfiteatro"* room**								
8:30	9:15	Plenary Lecture	***Aldo Roda***	*Current status and perspectives of miniaturized portable luminescence-based biosensors*					9:00	9:45
		***"Anfiteatro"* room**				***"Gijón"* room**				
9:30	10:00	Invited Lecture	***Isabelle Navizet***	*Modelling absorption and emission spectra of chemi- and bio-luminescent systems: challenges and perspectives*		Invited Lecture	***Ganesh D. Sockalingum***	*Characterization of glycosaminoglycans using vibrational spectroscopy and imaging at the molecular, cellular and tissue levels*	9:30	10:00
10:00	10:30	Invited Lecture	***Fernando Heering Bartoloni***	*Peroxyoxalate Chemiluminescence in Aqueous Media*		Invited Lecture	***Bruce Branchini***	*A New Beetle Luciferase Variant-Luciferin Substrate Analog Pair is a Promising Near-Infrared Light Source for in vivo Bioluminescence Imaging*	10:00	10:30
10:30	11:30	**COFFEE BREAK AND POSTER SESSION** (*"Asturias" room*)							10:30	11:30
11:30	11:50	Keynote Lecture	***Shimshon Belkin***	*Bioluminescent microbial sensors of buried explosives - recent advances*		Keynote Lecture	***Neso Sojic***	*Electroluminescence microscopy: From bead-based immunoassays to cell imaging*	11:30	11:50
11:50	12:10	Keynote Lecture	***Yoshihiro Ohmiya***	*Quantitative bioluminescence imaging in vitro and ex vivo*		Keynote Lecture	***Radhaballabh Debnath***	*Phononics of Phonon assisted Energy Transfer in Yb^{3+} aided Up-conversion Luminescence of Tm^{3+} and Ho^{3+} in a high BaO containing Tellurite Glass.*	11:50	12:10
12:10	12:25	Oral presentation	***Coubris Constance***	*Bioluminescence induction in Amphiura filiformis*		Oral presentation	***Amparo Navarro***	*Fundamentals and applications of aggregation induced emission of organogels based on bis(α-cyanostyryl) benzene*	12:10	12:25
12:25	12:40	Oral presentation	***Anderson Oliveira***	*A light on the ability of photoreception in bioluminescent and non-bioluminescent squid from studies of opsins*		Oral presentation	***Joaquín C. García Martínez***	*Aggregation-Induced Emission in Uncommon Media*	12:25	12:40
12:40	12:55	Oral presentation	***Martin Marek***	*Discovering the molecular principle of Renilla bioluminescence*		Oral presentation	***Carolina Diaz Norambuena***	*Advancing helicoBODIPYs as emitters of circularly polarized light*	12:40	12:55
12:55	13:25	Invited Lecture	***Carola Gregor***	*Autonomous bioluminescence microscopy of bacterial and mammalian cells*		Invited Lecture	***Mar Puyol***	*Microreactors for the controlled synthesis of photoluminescent nanoparticles*	12:55	13:25
13:30	15:00	**LUNCH**							13:30	15:00

		"Anfiteatro" room								
15:00	15:45	Plenary Lecture		**Sylvia Daunert**	*Bioluminescence in Nanoscale Enabling Technologies*				15:00	15:45
		"Anfiteatro" room				"Gijón" room				
16:00	16:30	Invited Lecture	**Jerome Mallefet**	*New lights on echinoderm's bioluminescence*		Invited Lecture	**Karen Sarkisyan**	*Plants with self-sustained luminescence*	16:00	16:30
16:30	17:00	Invited Lecture	**Vadim Viviani**	*From Red to Far-Red Bioluminescence: Novel Brighter combinations based on P. hirtus railroadworm luciferase and 6´-amino-luciferin analogs*		Invited Lecture	**Antonio Moreda-Piñeiro**	*Molecularly/ionic imprinted polymer-coated Mn-doped ZnS quantum dots as selective luminescence probes for fast and low-cost analysis of complex materials*	16:30	17:00
17:00	17:30	Invited Lecture	**Elizabeth A. H. Hall**	*Following LAMP with a Lanthanide MOF*		Invited Lecture	**Eulogio J. Llorent-Martínez**	*Novel nanomaterials-based luminescence systems with applications in pharmaceutical and agri-food fields*	17:00	17:30
17:30	17:50	Keynote Lecture	**Anurup Gohain Barua**	*Firefly Light at High and Low Temperatures*		Oral presentation	**Inmaculada Ortiz Gómez**	*Turn-on fluorescence smart quick response code for cyanide detection*	17:30	17:45
						Oral presentation	**Ruperto Bermejo Román**	*Using photoluminescence to study the stability of biliproteins as natural dyes in beverages: influence of preservatives*	17:45	18:00
18:00	19:00	**ISLS - ISBC MEETING (***"Anfiteatro" room***)**				Oral presentation	**Irina Yanina**	*Influence of coating of fluorescent upconversion nanoparticles by the shell on their toxicity*	18:00	18:15
						COFFEE BREAK AND POSTER SESSION (*"Asturias" room***)**			18:15	19:30

THURSDAY, JUNE 2nd

8:00	15:00	***REGISTRATION***							8:00	15:00
		"Anfiteatro" room				***"Gijón" room***				
8:30	9:15	Plenary Lecture	***Niko Hildebrandt***	*Nano-FRET biosensors for multiplexed diagnostics and imaging*					8:30	9:15
9:30	10:00	Invited Lecture	***Pimchai Chaiyen***	*Enzymatic Synthesis of New D-Luciferins and Development of New Detection Technologies*		Invited Lecture	***Francesco Baldini***	*Fluorescence sensing and intravascular microdialysis for personalised medicine: the case of immunosuppressants in transplanted patients*	9:30	10:00
10:00	10:30	Invited Lecture	***Yuichi Oba***	*Resurrecting the ancient glow*		Invited Lecture	***May C. Morris***	*Shining Light on Protein Kinases in Cancer with Fluorescent Peptide Biosensors: probing kinase activities and profiling biomarker signatures in tumour biopsies*	10:00	10:30
10:30	11:30	**COFFEE BREAK AND POSTER SESSION** (*"Asturias" room*)							10:30	11:30
		"Anfiteatro" room				***"Gijón" room***				
11:30	11:50	Keynote Lecture	***Stefano Girotti***	*Bioluminescent and chemiluminescent analysis of naturally occurring molecules in preparing Open-access Educational Materials.*		Keynote Lecture	***Valentina Marassi***	*FFF-assisted conjugation, characterization and purification of ultra-small octahedral PtNP nanozyme probes for versatile chemiluminescence detection in bioanalytics*	11:30	11:50
11:50	12:05	Oral presentation	***Cassius Vinicius Stevani***	*Bioluminescent mushroom-arthropod interaction in two Brazilian biomes*		Keynote Lecture	***Julia Pérez Prieto***	*NIR laser scanning microscopy for photophysical characterization of lanthanide-doped nanoparticles and nanohybrids*	11:50	12:10
12:05	12:20	Oral presentation	***Marcel Koken***	*Quick Spreading of Populations of an Exotic Firefly throughout Spain and Their Recent Arrival in the French Pyrenees*		Invited Lecture	***Guillermo Orellana***	*Integrated luminescent microsensors for PCB-based chemical sensing*	12:10	12:40
12:20	12:35	Oral presentation	***Kilian Holzapfel***	*Bioluminescence in the Pacific Ocean Neutrino Experiment: Results from three years of pathfinder data*		Oral presentation	***Domenico Caputo***	*Acoustofluidic lab-on-chip for DNA extraction and amplification of lung cancer biomarkers*	12:40	12:55
12:35	12:50	Oral presentation	***Nadezhda Kudryasheva***	*Bioluminescence Assays in Studding Biological Activity of Nanoparticles: Comparison of Toxic and Antioxidant Properties*		Oral presentation	***Ivo Piantanida***	*Reversible non-covalent sensing of DNA, RNA or protein structure by photo-switchable small molecule*	12:55	13:10
12:50	13:05	Oral presentation	***Laurent Duchatelet***	*Bioluminescence physiological regulation through photo-perception: an unexpected functional convergent evolution.*		Oral presentation	***Bettina Glahn-Martínez***	*Fluorescent recombinant protein magnetic Janus micromotors for tacrolimus monitoring*	13:10	13:25
13:05	13:20	Oral presentation	***Giorgia Zambito***	*On-site imaging of bioluminescent cells by smartphone.*		Oral presentation	***Jalil Mehrzad***	*In vitro bioluminescence-based assays reveal apoptotic properties of IL-17A in cancerous colorectal epithelia*	13:25	13:40
13:20	13:35	Oral presentation	***Wael Rabeh***	*Protein Dynamics Insight into the Origin of the Green and Red Emission of Beetle Luciferases*						
13:45	15:45	**LUNCH**							13:45	15:45
15:45	19:00	**Conference Excursion (Guided visit to "The Laboral City of Culture" and "Atlantic Botanical Gardens")**							15:45	19:00
20:00	23:30	**Conference Gala Dinner**							20:00	23:30

FRIDAY, JUNE 3rd

9:00	10:30	***REGISTRATION***								9:00	10:30
		"Anfiteatro" room									
9:00	9:45	Plenary Lecture		***Ángel Orte***	*Multiparametric microscopy and nanoscopy for quantitative imaging and sensing*					9:00	9:45
		"Anfiteatro" room				***"Gijón" room***					
10:00	10:30	Invited Lecture	***Ilia V. Yampolsky***	*Fungal bioluminescence system as a genetically encodable tool*		Invited Lecture	***Philippe Giamarchi***	*Analysis of pollutants by fluorescence and photo-induced fluorescence. From laser excitation to on-site early warning monitoring system prototypes*		10:00	10:30
10:30	11:30	**COFFEE BREAK AND POSTER SESSION** ("*Asturias*" room)								10:30	11:30
11:30	12:00	Invited Lecture	***Elisa Michelini***	*Bioluminescence goes portable: novel biosensors for point-of-need applications*		Keynote Lecture	***María Isabel Pividori Gurgo***	*Fluorescence-based approaches for cancer-derived exosomes*		11:30	11:50
						Keynote Lecture	***Fernando Heering Bartoloni***	*Tri and tetraphenylimidazoles as substrates for chemiluminescent reactions*		11:50	12:10
12:00	12:20	Keynote Lecture	***Dmitri Papkovsky***	*High-performance photoluminescent pH and O_2 sensing systems for cell analysis*		Keynote Lecture	***Aleksei Trofimov***	*Chemiluminescence assays for pro- and antioxidant activities of exogenous oxidative-stress modulators*		12:10	12:30
12:20	12:40	Keynote Lecture	***Susana de Marcos Ruíz***	*Fluorescence enzymatic nanobiosensors based on nano clusters*		Keynote Lecture	***Makoto Tsunoda***	*Posttranslational modifications of tubulin affect kinesin movements*		12:30	12:50
12:40	13:00	Keynote Lecture	***María de la Paz Aguilar-Caballos***	*New luminescent lateral flow assays for biomedicine and environmental analysis*							
		"Anfiteatro" room									
13:00	13:30	**CLOSING CEREMONY & AWARDS**								13:00	13:30
13:30	15:00	**FAREWELL COCKTAIL**								13:30	15:00

POSTER SESSION TUESDAY, MAY 31th

PS-T-01	***María Rodríguez-Castillo***	*Site Selective Excitation for Au(I)-Ag(I) heterometallopolymers. Tuning of the luminescent properties.*
PS-T-02	***Inés Soldevilla***	*TADF and Phosphorescent properties of phosphinogold(I) complexes: Study of the influence of the coordination environments*
PS-T-03	***Miguel Monge***	*Luminescent properties of catalytically active gold subnanoclusters*
PS-T-04	***Javier Cepeda***	*A family of chiral lanthanide(III)-based MOFs showing circularly polarized luminescence*
PS-T-05	***Isabel Blasco Pascual***	*Luminescent device based on terbium doped calcium phosphate nanoparticles for the determination of nitrites*
PS-T-06	***Slavomira Zatrochová***	*Stir bar sorptive extraction using hybrid monoliths incorporating metal-organic frameworks coupled with HPLC-FD for determination of estrogens*
PS-T-07	***Sylwia Ryszczyńska***	*Up-converting water-soluble core/shell nanoparticles doped with erbium ions for optical temperature sensing*
PS-T-08	***Shaun Murphree***	*Singlet oxygen photosensitizing behaviour of N1-blocked tetramethylalloxazines*
PS-T-09	***Federico Pini***	*Optimizing Upconverting Nanocrystals for FRET-based Biosensing*
PS-T-10	***Rafael Catarino Castro***	*Determination of aflatoxin-B1 using Cd-free quantum dots as a photocatalytic agent*
PS-T-11	***Ana Vico Cobos***	*Microfluidic device for the selective determination of sodium and potassium*
PS-T-12	***Caio Klocke Zamuner***	*Development of a yeast biosensor for caffeic acid based on fungal bioluminescent system*
PS-T-13	***Jouanneau Sulivan***	*TOXLAB : Multidimensional biosensor to assess toxicity of wastewaters*
PS-T-14	***Jorge Gómez-Carpintero***	*Fluorescence turn-on sensors for the in situ detection of reactive oxygen species*
PS-T-15	***Amin Piri***	*Electrostatic collection of airborne coronavirus and simultaneous enrichment via a ConA-coated microfluidic chip for PCR detection*
PS-T-16	***Iyanu Diriwari***	*Lanthanide-to-quantum dot FRET bioassays with CoraFluor Tb complexes*
PS-T-17	***Javier Camacho-Aguayo***	*Selective generation of gold nanoclusters mediated by flavo-enzymes to develop optical biosensors*
PS-T-18	***Etai Shpigel***	*Performance enhancement of bacterial bioreporters for the detection of trace explosives by using DNA shuffling, random mutagenesis and quorum sensing elements*
PS-T-19	***liat Moscovici***	*A yeast-based sensor system for the detection of endocrine disrupting compounds, coupled with high-performance thin layer chromatography.*
PS-T-20	***Sandra Rodríguez Varillas***	*The brightness of nature: green source of photoluminiscent carbon dots*

POSTER SESSION WEDNESDAY, JUNE 1st		
PS-W-01	***Chadaporn Kantiwiriyawanitch***	*Improving thermostability of firefly luciferase by enzyme engineering*
PS-W-02	***Pratchaya Watthaisong***	*Novel Luciferin Synthesis and Pesticide Detection by Luminescence Enzymatic Cascades*
PS-W-03	***Maria Pigiaki***	*Ultrafast Transient Absorption Spectroscopy of D-Luciferin Firefly Substrate*
PS-W-04	***Jittima Phonbuppha***	*Flavin-based luciferererase reporter gene and the light boosting system*
PS-W-05	***Daniel Rangel de Souza***	*Structural, functional and evolutionary aspects of lateral and head lanterns luciferases in Mastinocerini railroadworms (Coleoptera: Phengodidae)*
PS-W-06	***Gabriela Amancio Galeazzo***	*Bioluminescence in Anthoptilum murrayi Kölliker, 1880 (Anthozoa: Octocorallia: Anthoptilidae)*
PS-W-07	***Vadim Viviani***	*A blue-ghost firefly, a brighter luciferase and its applications in bioluminescent immunoassays, ATP assays and color tuning biosensors*
PS-W-08	***Gaku Mizuno***	*Basic bioluminescent mechanism in the lantern shark, Etmopterus molleri*
PS-W-09	***Zinaida Osipova (Kaskova)***	*Fluorescent compounds from Keroplatus spp. larvae*
PS-W-10	***Aleksandra S. Tsarkova***	*Structural elucidation and total synthesis of Odontosyllis undecimdonta luciferin*
PS-W-11	***Alexey Kotlobay***	*Odontosyllis luciferin biosynthesis pathway*
PS-W-12	***Jerome Mallefet***	*WHERE DOES YOUR GENE COME FROM? Evolution of light-emitting enzymes in luminous organisms*
PS-W-13	***Jaqueline Rodrigues Silva***	*D-luciferin synthesis as an alternative quinone detoxification pathway in Coleoptera?*
PS-W-14	***Antonio Ruiz-Medina***	*Determination of propineb fungicide by using a carbon quantum dots-europium ions system*
PS-W-15	***Arsenio Muñoz de la Peña***	*Optimization and application of a second order multivariate calibration method based in the maximum likelihood principle (MLU-PCR/RBL) for the determination of phenolic compounds in plums and comparison of the results with U-PLS/RBL*
PS-W-16	***Diène Diégane Thiaré***	*Determination and calculation of dipole moments and pKa by solvatochromic and FÖRSTER cycle methods based on absorption and emission spectra*
PS-W-17	***Inmaculada Ortiz Gómez***	*Colorimetric Smart Quick Response code for glucose and lactate determination*
PS-W-18	***Adriana Rivera-Piza***	*Mechanism of action of an anthocyanin derivative in gluconeogenesis and oxidative stress-induced cancer cell senescence*
PS-W-19	***Marie-José Durand***	*Contribution of RAMAN spectroscopy to assess cadmium toxicity on marine mussel (Mytilus edulis)*
PS-W-20	***Candela Melendreras García***	*Luminescent nano-MOFs for biogenic amines sensing*
PS-W-21	***Sergio Forcada Mazo***	*Design and evaluation of a competitive immunoassay strategy for Aflatoxin M1 quantification*
PS-W-22	***Jorge Espina-Casado***	*pH and water sensitive functionalized luminiscent carbon dots: synthesis and applications*

POSTER SESSION THURDAY, JUNE 2nd / FRIDAY, JUNE 3rd		
PS-TF-01	***Sakari Kulmala***	*Determination of Human Serum Amyloid A by Hot Electron-Induced Electrochemiluminescence*
PS-TF-02	***David Ibáñez***	*Spectro-electrochemiluminescence analysis of the simultaneous emission of two luminophores in RET-ECL systems*
PS-TF-03	***Emily Kerr***	*A redox-mediator pathway for enhanced multi-colour electrochemiluminescence in aqueous solution*
PS-TF-04	***Douglas Moraes Mendel Soares***	*Cestidin: a novel class of calcium-activated photoproteins isolated from the ctenophore Cestum veneris*
PS-TF-05	***Gabriela Verruck de Moraes***	*Harmothoe bioluminescence revisited*
PS-TF-06	***Angela Punzo***	*Jagged1-FLuc: a bioluminescent recombinant protein as potential diagnostic tool for the high- throughput screening of colorectal cancer*
PS-TF-07	***Hinano Imai***	*Characterization of purple pigment in photophores of the deep-sea hatchetfish, Polyipnus stereope*
PS-TF-08	***Alejandro F. Alba***	*Enhanced Electrochemiluminescence of a luminol analogue at carbon-silver electrodes.*
PS-TF-09	***Anastasia Melnikova***	*Bioluminescent method for assessing air pollution*
PS-TF-10	***Ekaterina Sushko***	*Biological activity of endohedral Gd-containing fullerenol via bioluminescent and chemiluminescent assays*
PS-TF-11	***Galina Zhukova***	*Bioluminescent analysis of saliva for identification of mental and physical stress*
PS-TF-12	***Bianca Nóbrega***	*Rhythmic production of Caffeic Acid Cycle metabolites in the bioluminescent fungus Neonothopanus gardneri*
PS-TF-13	***Isabel Durán Martín-Merás***	*SECOND-ORDER FLUORESCENCE DATA TO STUDY THE RIPENING OF PLUMS*
PS-TF-14	***Diégane Sarr***	*Direct spectrofluorimetric method for analysis of carbofuran and fluometuron in Senegalese natural water*
PS-TF-15	***David Ribeiro***	*Fluorometric kinetic determination of oxytetracycline using AgInS2 quantum dots as sensing elements and chemometric data analysis*
PS-TF-16	***Ana M. García-Campaña***	*Dispersive liquid-liquid microextraction coupled to liquid chromatography with fluorescence detection as analytical technique for determination of mycotoxins in milk and cereals*
PS-TF-17	***M. Antonia Martín***	*Pyrrole-derived curcumin analogues as fluorescence sensors for detecting misfolded amyloidogenic proteins involved in neurodegenerative diseases*
PS-TF-18	***Mario Domínguez García***	*Fluorimetric determination of atropine in food*
PS-TF-19	***Pavlína Moravcová***	*QuEChERS extraction and UHPLC-Fluorescence determination of ergot alkaloids in cereal-based products*
PS-TF-20	***JOSE JUAN SANTANA RODRIGUEZ***	*DEVELOPMENT OF A FABRIC PHASE SORPTIVE EXTRACTION PROCEDURE FOR THE DETERMINATION OF ANTICANCER FLUORESCENT DRUGS IN WASTEWATER*
PS-TF-21	***Rosana Badía Laiño***	*Properties of aurone-type compounds with an extended pi-system as visible range fluorescent probes*