POSTER SESSION

20-21 June		
T1-1	Alessia Mariano	Nanostructured TiC Layer: a suitable surface for Osteointegration
T1-2	Maria Gioia Fabiano	Nanoemulsions of Satureja montana Essential Oil: Antimicrobial and Antibiofilm Activity against Avian Escherichia coli Strains
T1-3	Francesca I. Placitelli	Loading of phototherapeutic drug 5-aminolevulinic acid on TiO2 nanoparticles: a new approach for potential dual phototherapeutic effects
T1-4	Beatrice Pennacchi	Synthesis and characterizations of hydrophilic thiol-capped gold nanoparticles for drug delivery applications
T1-5	Federica Arcidiacono	Design and characterization of self-cleaning and antibacterial surfaces functionalized with nanocomposites for biosafety applications
T1-6	Nicole Balasco	Molecular Dynamics of biomolecules: atomic-level models of amyloid-like self-assembling peptides
T1-7	Paola Marzullo	Ammonium Formate-Pd/C as a New Reducing System for 1,2,4-Oxadiazoles. Synthesis of Guanidine Derivatives and Reductive Rearrangement to Quinazolin-4-Ones with Potential Anti-Diabetic Activity
T1-8	Daniel Laima	Overcoming the skin barrier: Microemulsions as delivery systems for antimicrobial peptides
T1-9	Adrien Moragues	New immobilized bifunctional biochemical tools for oxidized amino acids identification and localization
T1-10	Mariangela Clemente	Design of cationic liposomes as drug delivery systems for the transport across the blood-brain barrier
T1-11	Pierluigi Graniero	Gold nanoparticles functionalized with organic dye molecules for potential applications in biomedical imaging
T1-12	Leonardo Ariodante	Understanding the interaction between full-length Frataxin and RNF126
T1-13	Martina Marsotto	XPS and NEXAFS investigation on functionalized titanium surfaces for biomedical applications
T1-14	Maria Laura De Sciscio	Influence of neighbouring amino acids on Asn deamidation rates
T1-15	Arianna Marcucci	Preparation and characterization of bioactive polymer nanosystems for treatment of viral respiratory infectionsPreparation and characterization of bioactive polymer nanosystems for treatment of viral respiratory infections
T1-16	Simone Amatori	Gold nanorods: synthesis, structural characterizations and in vitro biological tests for future applications in nuclear medicine
T1-17	Cecilia De Angelis	Lignin nanoparticles as sustainable photoprotective carriers for sunscreen filters
T1-18	Fabiana Pandolfi	Newly synthesized deferiprone derivatives as antibiofilm and antimicrobial agents
T1-19	Adan Sultan	Liposomes for enhanced bioavailability of alexidine dihydrochloride, a poorly water-soluble drug
T1-20	Francesca Santangeli	Development of RSV-loaded liposomes to investigate the delivery across the Blood Brain Barrier
T1-21	Alessandra Visocchi	Preparation and characterization of liposomes for the delivery of antarctic fish-derived antimicrobial peptides (AMPs)
T2-1	Giacomo Proietti Tocca	Microbial CO2 conversion to value-added products: a two-step process
T2-2	Benedetta Giannelli Moneta	High-resolution mass spectrometry-based suspect screening approach for the determination of the main sulfonamides transformation products in surface water

T2-3	Giulia Simonetti	Analysis of organic and inorganic tracers in WEEE plant
T2-4	Emanuele Dell'Aglio	Chemical-physical diagnostics propaedeutic to the conservative restoration of the Cippo Funerario of Quinto Cornelio Procliano
T2-5	Pierfrancesco Atanasio	Structural and Electrochemical Properties of Rice Husk Derived Carbon Aerogels
T2-6	Nastaran Arabhalvaei	Laccase Encapsulated on Zeolite Imidazolate Framework: Electrochemical investigation for amoxicillin detection in water
T2-7	Valeria D'Annibale	Theoretical characterization of the electronic properties of P1 push-pull organic chromophore for Dye-sensitized Solar Cells
T2-9	Giulia Pedrizzetti	Manufacturing of aluminide coatings modified via electroless platinum plating on different Ni-based superalloys for high temperature applications
T2-10	Eva Gualtieri	Optimizing Si/C ratio of composite anodes from rice husk for lithium-ion batteries via acidic pre-treatment and low temperature magnesiothermic reduction
T2-11	Marcello Messi	A green prophylactic treatment to reduce the absorption of toxic elements in bees
T2-12	Matteo Palluzzi	Synthesis of ionic liquids, prepared by novel green methods, for energy storage devices
T2-13	Maria Alexandropoulou	Effect of thermochemical pretreatments on biofuels' production from different lignocellulosic biomasses
T2-14	Maria Luisa Astolfi	Fluorescence determination of formaldehyde in air samples
T2-15	Angelo Cecinato	Organic contaminants in dusts of hospital interiors
T2-16	Nesrine Faraj	Renewables for energy communities in mountain areas
T2-17	Catracchia	Fe-MOR for N2O abatement: Operando-FTIR and catalytic study
T2-18	Clara Marandola	Bioelectrochemical processes for biogas upgrading
T2-19	Daniele Iannarelli	A predictive model on the Protosphera experiment plasma's arc state
T2-20	Giovanni Gammaitoni	Surface chemistry of hard carbons in Na-ion batteries: an XPS study
T3-1	Morgan Reynolds-Green	In situ crosslinking of block copolymers in supercritical CO2: creating structured hierarchical microparticles without loss of internal morphology.
T3-2	Xiaoya Li	Nonionic antimicrobial poly(vinyl alcohol)s with indole functionality
T3-3	Ilaria Silvestro	Molecularly Imprinted Polymers based on acrylate chitosan for 2,4-Dichlorophenoxyacetic acid removal
T3-4	Benedetta Palucci	Stabilization of Carbon Fibers from Lignin and Cellulose Precursors
T3-5	Lorenzo Augusto Rocchi	Effect of annealing time and temperature above and below the Tg of poly(L-lactide)
T3-6	Livia Migliorini	Polymer and gold nanoparticles: synthesis and characterization for biomedical applications
T3-7	Elisa Sturabotti	Synthesis of hyaluronic acid sulfonated hydrogels in aqueous medium by using safe reactants: Cemical, mechanical and biological characterization
T3-8	Valerio Napoleone	Linoleic acid-based covalent adaptable networks (CANs) with recyclability and self-healing properties
T3-9	Sara Palmieri	Fast produced sonochemical molecularly imprinted polymers for selective aflatoxins determination in food supplements
T3-10	Joachim C. Lentz	N-Hydroxyethyl acrylamide as a functional eROP initiator for the preparation of nanoparticles in "greener" reaction media
T3-11	Luca Stefanuto	Design and synthesis of stimuli-responsive polymers for wastewater treatment
T3-12	Flavio Piras	Polymeric nanoparticles entrapping essential oils: an approach for de-restoration and conservation of archaeological woods

T3-13	Flavia Marzulli	Impact of the recirculation factor on polyhydroxyalkanoates production with mixed microbial cultures in a continuous process
T3-14	Tim Sassmann	polysaccharide based microgels for plant health application
T3-15	Luca Acquaviva	Sustainable food packaging: a survey on the presence of contaminants
T3-16	Marcello Della Sala	Theoretical-computational characterization of the temperature dependence of the thermodynamics and kinetics of lipopeptides
T3-17	Flavio Rizzo	Computational modelling of the interaction of actinomycin D with human telomeric G-quadruplex DNA
T3-18	Barbara Saliero	Preparation and characterization of liposomes for the delivery of antarctic fish-derived antimicrobial peptides (AMPs)
T5-1	Lucia Ingenito	New approach to sustainable agricultural practices: nanostructured biopesticide formulations
T5-2	Lorenzo Antonelli	Assessment of the enantiomeric purity of quizalofop-ethyl in a commercial formulation and its stereoselective fate in soil and agricultural products.
T5-3	Andrea Maslov	Nanoscale modeling of ice nucleation on cold solid substrates for anti-icing purposes
T5-4	RiccardoZema	Immobilization of Carbon Material on Ceramic Porous Membrane via Click-Chemistry
22-23 June		
T4-1	Laura Capobianco	Production of starch and carotenoids from microalgal biomass cultivated in a pilot plant integrated with wastewater treatment
T4-2	David Albano	Characterization of shredded fractions from end-of-life photovoltaic panels to optimize glass and metal recovery
T4-3	Rida Jbr	Chemical separation: a step towards a full recycling and recovery of Cotton and PET fibers from blended textile
T4-4	Cinzia Michenzi	Conversion of industrial orange peel waste by an integrated Hydrothermal and Electrochemical sustainable approach to NanoCarbon Materials for Catalysis Applications
T4-5	Fabiola Sciscione	Plastic waste: unlocking existing barriers for systems change
T4-6	Martina Neri	Efficient separation of Neodymium and Iron with 5-chloro-7-iodo-8-hydroxyquinoline
T4-7	Reshma Babu	Valorisation of sludge biomass from wastewater treatment plants
T4-8	Veronica D'Eusanio	SPME-GC-MS Analysis of VOCs from Winter Melon Pomace Dietary Fibers before and after Bleaching Treatment with H2O2
T4-9	Gaia Salvatori	Electro-fermentation as a strategy to produce value-added compounds from waste organic substrates
T4-10	Valentina Orlandi	The fish product as an example of renewable resource: exploitation and valorization of mullet (Mugil cephalus) skin
T4-11	Flavia Del Signore	Synthesis of proteins and lutein by photo-hetero bioreactors operated under light-dark cycles
T4-12	Marina Cerasa	Plastic debris as source of secondary microplastics directly released into the environment
T6-1	Vanessa Piacentini	Aprotic Electrolytes with Lithium Salts in Li-O2 batteries: characterization via experiments and Polarizable Molecular Dynamics
T6-2	Viviana Chiappini	Spent coffee grounds as a cheap and renewable feedstock for the immobilization of Candida Rugosa Lipase (CRL)
T6-3	Martina Croce	Sustainable collection and complete extraction of oral fluid for forensic toxicology applications

T6-4	Esther Ambrose-dempster	Enzymatic degradation of PET plastic by mechanical agitation
T6-5	Martina Sonnino	Inclusion complexes of essential oils with β-cyclodextrins by using superitical fluids: characterization and release studies
T6-6	Filippo Vitale	Preparation of eco-friendly nanostructured composites for biomedical application
T6-7	Valerio Morlacci	Electrochemical-induced cascade reaction of ortho-substituted anilines and 2-formyl benzonitriles: one-pot access to nitrogen-bridged polyheterocycles
T6-8	Desirèe Pecora	Flow synthesis of nature-derived MITO-phenolic compounds as potential neuroprotective agents
T6-9	Isabela N. Souza	Efficient removal of pesticide from tomato (Solanum lycopersicum L.) using alternative washing agents in aqueous solutions
T6-10	Nina Felli	The use of isoamyl acetate as green extraction solvent: application to the liquid-phase microextraction of pesticides from urine samples.
T6-11	Elena Papa	Monitoring of cannabinoids in milk by an innovative solventless method without sample pretreatment
T6-12	Massimo Giuseppe De Cesaris	Enantioseparation of azole antifungals by capillary electrochromatography (CEC)
T6-13	Daniele Di Luca	Extraction, isolation and chemical characterization of sulfated polysaccharides from microalga Chlamydomonas Reinhardtii
T6-14	Akiko Tsurumaki	In-situ and ex-situ films formed by hydrogels for conservation of copper
T6-15	Tiziana Esposito	Innovative microalgae-based health products by eco-friendly advanced technologies
T6-16	Laura N Puente-De La Cruz	A greener digestion method for the analysis of some elements in rice using ICP-MS
T6-17	Margretha J. Dragt	Detection of several drugs of abuse in hair by parallel artificial liquid membrane extraction and UPLC-MS/MS analysis
T6-18	Fernanda A. Arzani	Silica nanoencapsulation of green chemical agents for the preservation of stone and metal surfaces
T6-19	Chiara Genova	Development of eco-friendly biocides based on Calamintha nepeta – loaded chitosan nanoparticles to be employed in the conservation of biocolonized cultural heritage materials
T6-20	Eryka Mrotek	Techno-economic Evaluation of Heterotrophic Microalgal Cultivation Approaches
T6-21	Vyali Georgian Moldoveanu	Multicomponent domino imine formation/decarboxylation/1,3 dipolar cycloaddition for the synthesis of spiro-pyrrolizine oxindoles
T6-22	Leonardo Romani	Monitoring of pollutants in settled dust of indoor workplaces
T6-23	Francesco Vicentini	Sequential asymmetric organocatalysis towards the synthesis of spiro-decalin oxindole derivatives
T7-1	Luca Fontanella	Continuous on-site monitoring of water conductivity/temperature with a homemade Open-Source, Arduino-based instrument useful for education and research
T7-2	Rosalia Moreddu	Contact Lens Sensors for Ocular Health Monitoring
T7-3	Marta Guembe-Garcia	Proof of concept: cheap sensor array for air monitoring
T7-4	Alessia Fantoni	Zn(II)-Salophen-based Plasmonic Nanosensors for the Selective Detection of Dicarboxylates in Water

T7-5	Denise Gregucci	Exploiting bioluminescence and colorimetric detection for smartphone-based detection of Hg2+
T7-6	Selene Fiori	Nanocomposites based on biochar and transition metal dichalcogenides for effective sensors
T7-7	Lara Lamelza	Resorc[4]arene-based site directed immobilization of antibodies for immunosensors development
T7-8	Ananthakrishnan Mohan	Magnetically co-doped ITO Nanoparticles (ITO-NPs) for Refractometric biosensing
T7-9	Manasa Nandimandalam	Lab-on-chip system immobilized with aptamer assay for bacterial ATP detection using amorphous silicon photosensors
T7-10	Riccardo Sergi	Polydiacetylene vesicles for naked-eye detection of phenolic compounds
T8-1	Valeria Lanzilotto	Understanding XPS binding energy shifts of self--associated melamine molecules in aqueous solution
T8-2	Gabriele Melchiorre	Dissipative dynamic covalent chemistry (DDCvC) based on the transimination reaction
T8-3	Daiana G. Mitrea	Investigation of light-emitting properties of nematic liquid crystals doped with double cyclopalladated complexes
T8-4	Alessandra Procopio	Macrocyclizations catalyzed in a confined environment
T8-5	Allan J. Mora Abarca	Synthesis, characterization, and antimicrobial activity of a new series of β-face expanding bile acid derivatives.
T8-6	César E Ayerdis	Synthesis and physicochemical characterization of new gemini surfactants derived from bile acids and bipyridine derivatives
T8-7	Juan C Salazar	Synthesis and characterization of deoxycholic acid derivatives with possible biological effects on cancer cells.
T8-8	Marco Ranaldi	Gold nanoparticles stabilized with organometallic compounds for applications in optoelectronics devices
T8-9	Theodora A. Ilincă	Luminescent liquid crystals based on palladium(II) complexes with Schiff base derivatives containing perfluoroalkyl group
T8-10	Chiara Romeo	Synthesis and functionalization of gold nanobipyramids for SERS applications
T8-11	Lorenzo Michelini	Enantioselective preparation of a chiral building block for the synthesis of Oryzalexin S.
T8-12	Fang Huang	Cultivation of the gut bacterium Prevotella copri DSM 18205T using glucose and xylose as carbon sources
T8-13	Gioacchino Schifino	Self-assembly of TPPS4 porphyrin aggregates: axial and supramolecular chirality
T8-14	Ketevani Nanobashvili	Study of water and temperature induced electric percolation of conductance of sodium bis (2-ethylhexyl) sulfosuccinate and polyoxyethylene (4) lauryl ether mixed reverse microemulsions
T8-15	Lorenzo Celio	Enantio and diastereoselective total synthesis of (-)-parthenolide
T8-16	Roberto Di Pasquale	The carboxylation of Graphene Oxide. A DFT study


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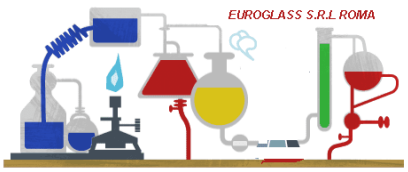

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