



PROGRAM

Monday, 16 October

8:30	REGISTRATION
10:20	OPENING
10:30	<p>PLENARY LECTURE (35+10min Q/A) Ennio Tasciotti - <i>IRCCS San Raffaele & San Raffaele University</i> “Exploring the nano-bio interface of biomimetic materials”</p>
11:20	<p>SESSION 1 – Cancer Research <u>ORAL COMMUNICATIONS (10+2min Q/A)</u> Sofia Parrasia - <i>University of Padova</i> “Peptides as a targeting strategy to eradicate Pancreatic Ductal Adenocarcinoma (PDAC)”</p> <p>Maria Cristina Failla - <i>University of Turin</i> “Development of PET imaging tracers for c-Met aberrant tumors using ⁶⁸Ga chelators”</p> <p>Valeria Nele - <i>University of Naples Federico II</i> “Self-assembling nanoparticles for miRNA delivery towards precision medicine against metastatic melanoma”</p> <p>Giulia Moro - <i>University of Naples Federico II</i> “Portable electrochemical device for detecting circulating miRNAs associated to cancer”</p> <p>Michele Mannelli - <i>University of Florence</i> “Metabolic changes induced by Aurothiomalate in A2780 ovarian cancer cells”</p> <p><u>SLAM (5min)</u> Lara Lamelza - <i>Sapienza University of Rome</i> “Rational design and synthesis of anthraquinone-based SMO inhibitors for the treatment of hedgehog-dependent tumors”</p> <p>Antonella Miglione - <i>University of Naples Federico II</i> “Combining printed electrodes with lateral flow test strip for enhanced applications in cancer detection”</p>
12:50	LUNCH & POSTER SESSION 1

<p>14:05</p>	<p>SESSION 2 – Light-related <u>ORAL COMMUNICATIONS (10+2min Q/A)</u> Francesco Saccoliti - <i>Istituto Italiano di Tecnologia</i> “Investigation of the mechanism of action of CFTR corrector ARN23765 via Photo-Affinity Labeling (PAL) approach”</p> <p>Giuseppe Domenico Arrabito - <i>University of Palermo</i> “Exploring ROS formation from ZnO/cellulose acetate composites films in Aqueous Solution: Light vs. Darkness”</p> <p>Alessandra Zanut - <i>University of Padova</i> “Enhancing Analytical Sensing with DNA-Based Nanoswitches for Dual-Signal Electrochemiluminescence at the Nanoscale”</p> <p>Giulio Goti - <i>University of Padova</i> “A General Organophotoredox Strategy to Difluoroalkyl Bicycloalkane Hybrid Bioisosteres”</p> <p><u>SLAM (5min)</u> Silvia Mizzoni - <i>University of Verona</i> “Circularly Polarized activity from two photon excitable Europium and Samarium chiral bioprobes”</p> <p>Cristina Volpini - <i>University of Pavia</i> “Targeted gold nanoparticles with heating efficiency for Endometriosis Photothermal Therapy”</p>
<p>15:20</p>	<p>SPONSORED TALK</p>
<p>15:35</p>	<p>COFFEE BREAK</p>
<p>16:05</p>	<p>INVITED LECTURE (20+5 min Q/A) Paola Occhetta - <i>Polytechnic of Milan</i> “Beating organs-on-chip as innovative technological platforms for drug discovery: advanced in vitro models of human physiology and pathology”</p>
<p>16:35</p>	<p>SESSION 3 – Inhibitors & related tools <u>ORAL COMMUNICATIONS (10+2min Q/A)</u> Rossella Sveglij - <i>University of Udine</i> “Fipronil Detection with a Smartphone-based Aptasensor: Addressing the Small Molecule Challenge”</p> <p>Giusy Tassone - <i>University of Siena</i> “Evidence of amino-thiadiazoles as innovative inhibitors of human glutaminyl cyclase, validated target for neurodegenerative disorders”</p> <p>Letizia Crocetti - <i>University of Florence</i> “Ebselen analogues as Human Neutrophil Elastase (HNE) inhibitors and antioxidant agents”</p> <p><u>SLAM (5min)</u> Simona Barone - <i>University of Naples Federico II</i> “HDAC6 inhibitors as therapeutic option in cystic fibrosis: the first proof of concept”</p>

	<p>Emilia Cassese - <i>University of Naples Federico II</i> “Discovery of NDM-1 non-conventional degraders with a novel mechanism of action to fight antibiotic resistance”</p> <p>Federica Blua - <i>University of Turin</i> “Design, synthesis and selection of INF200, a new non-sulfonylurea based NLRP3 inhibitor”</p> <p>Laura Braconi - <i>University of Florence</i> “New piperazine derivatives as dual P-gp and hCA XII inhibitors to overcome multidrug resistance”</p>
17:45	CLOSING
18:30	CITY WALK

Tuesday, 17 October

9:00	<p>PLENARY LECTURE (35+10min Q/A) Alessio Ciulli - <i>University of Dundee</i> “How PROTAC degraders work: Molecular recognition and design principles”</p>
9:50	<p>SESSION 4 - Viral Research <u>ORAL COMMUNICATIONS (10+2min Q/A)</u> Deborah Grifagni - <i>University of Florence</i> “Targeting 3-chymotrypsin-like protease of SARS-CoV-2 by protein degradation: the first stirrings of PROTAC”</p> <p>Valeria Tudino - <i>University of Siena</i> “Quinazolin-4(3H)-one-based modulators of <i>Pseudomonas aeruginosa</i> virulence factors”</p> <p>Simone Cavalera - <i>University of Turin</i> “Monitoring strategies of the immune response to SARS-CoV-2 after vaccination/recovery by lateral flow immunoassay”</p> <p><u>SLAM (5min)</u> Tessa Bolognesi - <i>University of Florence</i> “Expression of Nucleocapsid protein (N) from SARS-CoV-2 and its characterization through high-field NMR spectroscopy”</p> <p>Alessia De Santis - <i>University of Florence</i> “An antiviral agent triggering the proteolysis of the main protease from <i>Coxsackievirus B3</i>”</p>
10:50	COFFEE BREAK

<p>11:20</p>	<p>SESSION 5 - Natural Products & Green Chemistry</p> <p><u>ORAL COMMUNICATIONS (10+2min Q/A)</u></p> <p>Chiara De Luca - <i>University of Ferrara</i> “Promising green solvents as alternatives to acetonitrile in RP-LC for biopharmaceuticals applications”</p> <p>Davide Moi - <i>University of Cagliari</i> “Redesigning and improving the synthesis of coumarin-based TADF dyes for bioimaging applications”</p> <p>Lidia Ciccone - <i>University of Pisa</i> “Hybrid compounds natural products based as multifunctional agents against Alzheimer’s disease”</p> <p>Martina Zangheri - <i>University of Bologna</i> “A double steroid chemiluminescence immunoassay employing reusable microchannel and functionalized superparamagnetic microbeads ”</p> <p><u>SLAM (5min)</u></p> <p>Valeria Consoli - <i>University of Catania</i> “Role of novel synthesized caffeic acid phenethyl ester derivatives as HO-1 inducers and ferroptosis effectors for anticancer therapy”</p> <p>Vincenzo Piccolo - <i>University of Naples Federico II</i> “Exploring unripe Datterini tomatoes as a promising nutraceutical for sarcopenia prevention”</p> <p>Debora Concetta Santonocito - <i>University of Catania</i> “Extraction of α-tomatine from food waste of tomato processing”</p>
<p>12:40</p>	<p>SESSION 6 – Nucleic Acids</p> <p><u>ORAL COMMUNICATIONS (10+2min Q/A)</u></p> <p>Alessio Bonucci - <i>CNRS France</i> “Combining EPR and NMR spectroscopies to investigate the function and dynamics of XRCC4 protein involved in the non-homologous DNA end joining pathway”</p> <p>Arianna Rossetti - <i>Polytechnic of Milan</i> “TEMPO-labeled polyethyleneimines for gene-delivery with antioxidant perspectives”</p> <p><u>SLAM (5min)</u></p> <p>Chiara Nosengo - <i>University of Ferrara</i> “Purification of Oligonucleotides”</p> <p>Cecilia Scandurra - <i>University of Bari Aldo Moro</i> “Detection of SARS-CoV-2 subgenomic mRNAs with a bioelectronic sensor”</p> <p>Patrick Severin Sfragano - <i>University of Florence</i> “DNA Electrochemical Biosensing using a Versatile and Automatable Microfluidic Platform”</p>
<p>13:30</p>	<p>LUNCH & POSTER SESSION 2</p>

14:45	INVITED LECTURE (20+5 min Q/A) Mattia Mori - <i>University of Siena</i> “Non-conventional targeting of non-conventional targets”
15:15	SPONSORED TALK 2
15:30	SESSION 7 – Tools <u>ORAL COMMUNICATIONS (10+2min Q/A)</u> Angela Bonaccorso - <i>University of Catania</i> “Quality by Design tools in early-stage nanopharmaceuticals development” Mario Prejanò - <i>University of Calabria</i> “Molecular modelling for (bio)technologies” Annalisa Scroccarello - <i>University of Teramo</i> “Paper substrates integrating laser-induced platinum nanostructures with nanozyme activity for smartphone-based ascorbic acid determination” <u>SLAM (5 min)</u> Luca Capelli - <i>University of Parma</i> “Protease detection using activity-based CRISPR-Cas amplification” Diego Garcia Jimenez - <i>University of Turin</i> “Ad hoc tools to monitor bRo5 chameleonicity” Giovanni Protopapa - <i>Polytechnic of Milan</i> “A new microfluidic cartridge to prepare non-viral gene delivery complexes” Filippo Silveri - <i>University of Teramo</i> “Lab-made nanostructured third-generation biosensors for fructose determination in food and biological samples”
16:45	SESSION 8 - Binding <u>ORAL COMMUNICATIONS (10+2min Q/A)</u> Alessandro Giraud - <i>University of Milan</i> “From MG624 to selective antagonists of $\alpha 9\alpha 10$ nicotinic acetylcholine receptor” Pierre Picchetti - <i>Karlsruhe Institute of Technology</i> “Beyond Fluorescent Signal Readouts: New Design Principles for Cucurbit[n]uril-Based Chemosensors” Matteo Rossi Sebastiano - <i>University of Turin</i> “A drug repurposing strategy to treat an ultra-rare IAHSF form” Domiziana Masci - <i>Catholic University of Sacred Heart</i> “Structure-Activity Relationship Investigation into the Antitubercular Potential of N-aryl-2,5-dimethylpyrroles” <u>SLAM (5 min)</u> Lorenzo Baldini - <i>University of Florence</i> “Click Chemistry for advancing the development of dual RGD integrin/MMP ligands” Andrea Di Santo - <i>University of Florence</i> “Surface Plasmon Resonance biosensor to detect and quantify drug and anti-drug

	antibodies in patients treated with the therapeutic monoclonal antibody Adalimumab”
18:00	<p>SESSION 9 - Materials</p> <p><u>ORAL COMMUNICATIONS (10+2min Q/A)</u></p> <p>Angelo Tricase - <i>University of Bari Aldo Moro</i> “High-selective Molecular Imprinted Polymers for low-trace food contaminants detection”</p> <p>Marina Massaro - <i>University of Palermo</i> “Chemical modification of clay minerals for application in life science”</p> <p><u>SLAM (5 min)</u></p> <p>Elena Allegritti - <i>University of L’Aquila</i> “Lipid mesophases-based beads as new platform for sustained release of TOFA”</p>
18:35	CLOSING
20:00	SOCIAL DINNER

Wednesday, 18 October

9:00	<p>PLENARY LECTURE (35+10min)</p> <p>Luisa De Cola - <i>Mario Negri Institute</i> “Porous materials for biomolecules delivery”</p>
9:50	<p>SESSION 10 - Metal-related</p> <p><u>ORAL COMMUNICATIONS (10+2min Q/A)</u></p> <p>Anna Pintus - <i>University of Cagliari</i> “Antibacterial and antibiofilm gold(III) complexes featuring bidentate C^N/N^N and S^S ligands (C^N = C-deprotonated 2-benzylpyridine, N^N = 2,2'-bipyridine and 1,10-phenanthroline derivatives, S^S = 1,2-dicyanoethene-1,2-dithiolate)”</p> <p>Fabio Di Nardo - <i>University of Turin</i> “Development and application of a colorimetric device for urinary zinc detection to improve prostate cancer diagnosis”</p> <p><u>SLAM (5 min)</u></p> <p>Laura Marretta - <i>University of Palermo</i> “Ruthenium (II) metal complexes: synthesis and binding with mitochondrial G-quadruplex DNA”</p> <p>Lorenzo Chiaverini - <i>University of Pisa</i> “Novel dimolybdenum paddlewheel complexes bearing NSAID ligands. Synthesis, characterization and possible biological applications”</p> <p>Walter Vieri - <i>University of Florence</i> “Exploring the impact on metabolism of ovarian cancer treatment with gold-based drugs using a context-specific genome-scale metabolic model”</p>

	<p>Andrea Geri - <i>University of Florence</i> “Reactions of Auranofin and Medicinal Gold(I) Compounds with Human Thioredoxin Reductase through ESI-Q-TOF MS”</p> <p>Leonardo Querci - <i>University of Florence</i> “NMR of Paramagnetic Proteins: New Routes for ¹³C Direct Detection in Challenging Iron-Sulphur Proteins”</p> <p>Rosa Maria Dell’Acqua - <i>University of Milan</i> “Bioorganometallic platinum(II)-peptide nucleic acid conjugates”</p>
11:00	COFFEE BREAK
11:30	<p>SESSION 11 - Nanosystems <u>ORAL COMMUNICATIONS (10+2min Q/A)</u> Sima Singh - <i>University of Naples Federico II</i> “On-site electrochemical detection of Zinc (II) in biological samples by Bismuth-MXene nanocomposites”</p> <p>Nora Bloise - <i>University of Pavia</i> “In vitro investigation of the impact of protein corona on the biological effects of gold nanoparticles against human breast cancer cells”</p> <p>Filippo Rossi - <i>Polytechnic of Milan</i> “Decorated nanogels as promising tools for selective drug delivery in spinal cord injury”</p> <p><u>SLAM (5 min)</u> Philippa Jacob - <i>University of Nottingham</i> “Poly(diglycerol adipate) Variants as Enhanced Nanocarrier Replacements in Drug Delivery Systems”</p> <p>Susy Brusco - <i>University of Naples Federico II</i> “Engineered poly(lactide-co-glycolide) nanoparticles for co-delivery of antigens and immune adjuvants to the respiratory mucosa”</p> <p>Francesca Ferrara - <i>University of Ferrara</i> “Vesicular nanosystems for the transdermal delivery of mangiferin to counteract the O₃-induced cutaneous damage”</p> <p>Ada Raucci - <i>University of Naples Federico II</i> “Paper-Based Electrochemical Platform to Detect miRNA-652 associated to Triple-Negative Breast Cancer”</p>
12:45	<p>INVITED LECTURE (20+5 min Q/A) Chiara Borsari - <i>University of Milan</i> “Selective Targeting of the PI3K-mTOR Pathway for Cancer Treatment”</p>
13:15	LUNCH & POSTER SESSION 3
14:30	<p>SESSION 11 - Deep Investigation <u>ORAL COMMUNICATIONS (10+2min Q/A)</u> Maria Gessica Ciulla - <i>University of Milan</i></p>

	<p>“Design, synthesis and assessment of a new series of ppGpp synthetase inhibitors against bacterial persistence”</p> <p>Alessia Vignoli - <i>University of Florence</i> “Metabolomics in Human Ageing: studying Alzheimer’s disease evolution via a personalized serum NMR-based approach”</p> <p>Panagis Polykretis - <i>CNR Florence</i> “Atomic Force Microscopy applied to the study of the CSF of Alzheimer’s disease patients”</p> <p>Giovanni Bellomo - <i>University of Perugia</i> “Plasma protein profiling reveals novel specific biomarkers reflecting the multifactorial nature of Alzheimer’s disease continuum”</p> <p><u>SLAM (5 min)</u> Angela Tino - <i>University of Florence</i> “NMR-based investigation of intrinsically disordered regions of modular proteins for tailored design of interacting peptides”</p> <p>Gabriele Cianfoni - <i>Sapienza University of Rome</i> “Towards the total synthesis of pentacaronic acid”</p> <p>Massimiliano Vinci - <i>University of Florence</i> “Identifying prognostic biomarkers of ischemic stroke in elderly patients using a serum NMR-based metabolomic approach”</p> <p>Beatrice Bargagna - <i>University of Florence</i> “Molecular basis of the Multiple Mitochondrial Dysfunctions Syndrome 2: the pathogenic His96Arg BOLA3 mutation”</p>
<p>16:00</p>	<p>SESSION 12 - Materials <u>ORAL COMMUNICATIONS (10+2min Q/A)</u> Morena Miciaccia - <i>University of Bari Aldo Moro</i> “Harmaline-based scaffold as Human Caseinolytic Protease P (hClpP) inducers for Diffuse Intrinsic Pontine Glioma (DIPG) treatment”</p> <p>Francesca Ghirga - <i>Sapienza University of Rome</i> “Rational design and synthesis of a water-soluble resorcarene-based linker for immunosensors development”</p> <p><u>SLAM (5 min)</u> Camillo Morano - <i>University of Milan</i> “Tip-tip filtration as a non-conventional tool for the improvement of single-phase lipids extraction”</p>
<p>16:35</p>	<p>AWARDS</p>
<p>17:00</p>	<p>CLOSING CEREMONY</p>

POSTER SESSION 1

P1: **Federica Agosta** - *University of Ferrara*

“In silico analysis of Fibroblast Activation Protein ligand selectivity”

P2: **Sara Alfano** - *Sapienza University of Rome*

“Sustainable polyhydroxyalkanoates aminolysis by using choline-taurinate ionic liquid for nanoparticles preparation”

P3: **Alessia Angelillo** - *University of Naples Federico II*

“Lipid nanoparticles encapsulating miR182-3p for breast cancer treatment”

P4: **Ester Butera** - *University of Catania*

“Delivery of AuNCs into extracellular vesicles using fusogenic liposomes cargos”

P5: **Sara Calenda** - *University of Florence*

“Design and synthesis of edaravone-based thiazolo[5,4-d]pyrimidine derivatives. New antioxidant A2A and A2B adenosine receptor antagonists as multitarget agents against demyelinating diseases”

P6: **Michele Catacchio** - *University of Bari Aldo Moro*

“Ultrasensitive electronic biosensors for early detection of *Xylella fastidiosa*”

P7: **Noemi Dessi** - *University of Udine*

“Determination of Fipronil in Honey Samples by an electrochemical Competitive replacement Assay”

P8: **Silvia De Caro** - *University of Pavia*

“Nitrate stress in synthetic models of neuromelanins”

P9: **Teresa De Rosa** - *University of Naples Federico II*

“Monitoring of cyanobacterial blooms along the Campania coastline: anabaenopeptins detection in the food chain”

P10: **Nicole Innocenti** - *University of Trento*

“Targeting the undruggable: Developing pharmacological degraders for the Cellular Prion Protein”

P11: **Elisabetta Lacolla** - *Sapienza University of Rome*

“Development of polysaccharide-based nano-systems containing Lactoferrin for treatment of respiratory infections”

P12: **Laura Landolfi** - *University of Naples Federico II*

“Drug-repurposing campaign targeting the fatty acids pocket of SARS-CoV-2 Spike protein”

P13: **Giuliano Napolitano** - *University of Naples Federico II*

“Synthesis and pharmacological evaluation of hybrid molecules containing fibrates and the semi-synthetic bile acid derivative BAR502”

P14: **Roberta Panebianco** - *University of Catania*

“Design of novel antiproliferative nanosystems based on hyaluronan-terpyridine conjugates”

P15: **Maddalena Paolillo** - *University of Naples Federico II*
“Binding to lysozyme of VIVO–pyranonato and VIVO–pyridinone”

P16: **Benedetta Brugnoli** - *Sapienza University of Rome*
“Chitosan-sodium usnate nano-assemblies activity against osteosarcoma 143B cells”

P17: **Seyedeh Rojin Shariati Pour** - *University of Bologna*
“Development of a Chemiluminescent Method for the Analysis of Antioxidant Activity in Cosmetic Products”

P18: **Andrea Criscuolo** - *University of Naples Federico II*
“Towards improved anti-HMGB1 G-quadruplex-forming aptamers: studies on dimerization”

P19: **Nastassja Burrini** - *University of Orléans*
“Neoelectins, towards new tools for selective sugar targeting”

POSTER SESSION 2

P1: **Vincenza Armenise** - *University of Bari Aldo Moro*
“Alginate hydrogels to deliver plasma generated RONS for biomedical purposes”

P2: **Eleni Axioti** - *University of Nottingham*
“Effect of hydrophobicity alterations and purification nature on poly(glycerol adipate) self-assembling behaviors”

P3: **Sabrina Banella** - *University of Ferrara*
“Unveiling the cisplatin/hyaluronan complex: a macromolecular delivery system for safer loco-regional chemotherapy”

P4: **Clarissa Ciarlantini** - *Sapienza University of Rome*
“Development of magnetic molecular imprinted polymer systems for biomedical applications”

P5: **Wanda Cimmino** - *University of Naples Federico II*
“Nucleic acid-based portable device for liquid biopsy application”

P6: **Giuseppe Cinà** - *University of Palermo*
“Functional biofilms based on alginate polymer filled with modified halloysite for active food packaging”

P7: **Flavio Della Pelle** - *University of Teramo*
“Low-cost benchtop approaches for the manufacturing of nanostructured platforms for bioanalytical applications”

P8: **Eleonora Diamanti** - *University of Bologna*
“Toolbox to hijack the E3 ligase in viral infections”

P9: **Simone Fabbian** - *University of Padova*
“If you get the switch you get the control: OSCP subunit as an emerging therapeutic target for the PTP modulation”

P10: **Verdiana Marchianò** - *University of Bari Aldo Moro*

“Analytical Characterization of (h-PG) D(-)-Fructose Amperometric Biosensor based on Self-Templated Highly Porous Gold”

P11: **Chiara Papi** - *University of Turin*

“Effect of Gd-based contrast agents on endogenous Chemical Exchange Saturation Transfer (CEST) signals: a new tool for investigating water dynamics across cell membrane in tumor by MRI”

P12: **Eleonora Parolin** - *University of Trento*

“Development of PROTACs for Cancer Treatment”

P13: **Giulio Pavan** - *University of Padova*

“Highly efficient electrochemiluminescence from imidazole based thermally activated delayed fluorescence emitters”

P14: **Roberta Sole** - *University of Calabria*

“Transdermal Delivery of Phloretin by Gallic Acid Microparticles”

P15: **Matteo Spedicato** - *University of Ferrara*

“Exploring green alternatives to acetonitrile in reversed-phase liquid chromatography: from small molecules to biomolecules”

P16: **Gabriella Tito** - *University of Naples Federico II*

“Structural studies of two anticancer metallodrugs with B-DNA double helical dodecamer”

P17: **Morgan Reynolds-Green** - *University of Nottingham*

“Synthesis of polymers with core-shell morphology in supercritical carbon dioxide”

P18: **Rossella Santonocito** - *University of Catania*

“Monitoring stress conditions with optical sensor array”

P19: **Francesca Romano** - *University of Naples Federico II*

“Comparison of the biological effects of Gadodiamide (Omniscan) and Gadoteridol (ProHance) by means of multi-organ and plasma metabolomics”

POSTER SESSION 3

P1: **Federica Leone** - *University of Palermo*

“Synthesis of fluorescent nanomaterials based on halloysite for potential fluorescence imaging”

P2: **Noemi Bognanni** - *University of Catania*

“Linear polymers of Hyaluronan-Cyclodextrin as carriers for Sorafenib”

P3: **Martina Rosati** - *University of Florence*

“Towards cost-effective side-chain isotope labelling of proteins expressed in human cells”

P4: **Francesco Mattii** - *University of Florence*

“Design of plasmonic nanoparticles as functional fillers for 3D printable biocompatible photopolymers”

P5: **Federica Curcio** - *University of Calabria*

“Solid Lipid Nanoparticles Hydroquinone-Based for the Treatment of Melanoma: Efficacy and Safety Studies”

P6: **Ilaria Cursaro** - *University of Siena*

“Development of potential HDAC6-targeting PROTACs for the treatment of idiopathic pulmonary fibrosis”

P7: **Angela Fabiano** - *University of Pisa*

“Skin anti-aging carrageenan gel containing SNEDDS loaded with Sichuan pepper extract”

P8: **Alvaro Gacho Temprano** - *University of Siena*

“Molecular dynamics simulations of the interaction between antibacterial small molecules and the staphylococcus aureus lipid bilayer”

P9: **Valentina Giraldi** - *University of Bologna*

“Functionalization of electrospun poly(L-lactic acid) scaffold with a selective β -lactam integrin agonist for tissue regeneration”

P10: **Giuliano Migliorini** - *CNRS France*

“Macromolecular crowding effects on enzymatic kinetics and diffusion in the extracellular matrix”

P11: **Luca Morgan** - *University of Padova*

“Red emitting thermally activated delayed fluorescence emitters for electrochemiluminescence applications”

P12: **Lorenzo Quadrini** - *University of Florence*

“Enzyme-Based Catalytic Methods for Real-Time Monitoring of Urea”

P13: **Valentina Monaci** - *University of Florence*

“Optimizing vaccine design for prevention of neonatal sepsis”

P14: **Anastasiia Tulupova** - *University of Prague*

“Plasmon-assisted organic electrochemistry – towards selective hydrogenation”

P15: **Erica Vigiani** - *University of Florence*

“Targeting the adenosinergic axis in cancer immunotherapy: design and synthesis of small molecules as CD73 inhibitors”

P16: **Jacopo Vigna** - *University of Trento*

“Synthesis of covalent inhibitors targeting m6a reader proteins”

P17: **Fabrizio Villapiano** - *University of Naples Federico II*

“Physicochemical and technological studies of nanoparticles loaded with rutin/2-hydroxypropyl- β -cyclodextrin inclusion complex”

P18: **Ersilia Villano** - *University of Naples Federico II*

“Physicochemical and technological studies of nanoparticles loaded with rutin/2-hydroxypropyl- β -cyclodextrin inclusion complex”

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