

POSTER SESSION – Monday, 17 October

BIOTECH

P01	Silvia Gonçalves	Brazil	<i>Evaluation of the Thermal Behavior of Styrene / Lignin-Based Polymers</i>
P02	Monica Cobos	Spain	<i>Preparation and Properties of Poly(vinyl alcohol)/Chitosan Blends for Packaging Material</i>
P03	Chahinez Benbayer	Algeria	<i>Fluorinated surfmers modified clays and their corresponding polystyrene nanocomposites: structure-properties relationship study</i>
P04	Gulben Avsar	Turkey	<i>Levan Nanofibers as Functional Biomaterials</i>
P06	Burak Adnan Erkorkmaz	Turkey	<i>Microbial Levan Production by a Cost-Optimized Process</i>
P07	Daniela Huber	Austria	<i>Laccase mediated chitosan-phenolic hydrogels</i>
P08	Merve Erginer	Turkey	<i>Levan Sulfate as a Heparin-mimetic Bioactive Glycan for Tissue Engineering Applications</i>
P09	Sabine Kugler	Germany	<i>Bio-mediated Materials Fabrication: Exopolysaccharides as Structural Templates</i>
P10	Marine Blondeau	France	<i>Formation of intracellular (Ca, Mg, Sr, Ba)-carbonates by a cyanobacterium: a new bio-indicator of water quality, with high potential for bioremediation</i>
P11	Julius Andrew Nunez	Philippines	<i>Antibacterial efficiency of magnetron sputtered TiO₂ on polymethylmethacrylate (PMMA)</i>
P12	Bahia Boubekeur	Algeria	<i>Investigation of the biodegradability of LDPE/ PLA/jute fibers bio-based composites: Comparison of hydrolysis and soil burial tests</i>
P13	Mariana Pereda	Argentina	<i>Antimicrobial efficiency of chitosan edible coatings enriched with geraniol and vanillin on the preservation of fresh-cut strawberries</i>
P14	Nicolas Le Goff	France	<i>Degradable molecularly imprinted polymers as delivery system</i>
P15	Peter Veres	Hungary	<i>Hybrid gelatin-silica aerogels as drug delivery matrices for low water-solubility drugs</i>

P16	József Kalmár	Hungary	<i>Biopolymer based aerogels as drug delivery system. Kinetics and mechanism of adsorption/desorption processes</i>
P17	Chadia Ihemouchen	Algeria	<i>Hydrothermal degradation of high density poly (ethylene)/olive husk flour composite</i>
P18	Kizkitza González-Munduate	Spain	<i>Functionalized polysaccharides ready for the diels-alder reaction</i>
P20	Zahia Benredjem	Algeria	<i>Treatment of wastewater containing organic pollutant</i>
P21	Zakia Hank	Algeria	<i>New Thiosemicarbazide Complexes of Cobalt (II) and Copper (I): Synthesis, Characterization, Catalytic and Biological Studies.</i>
P22	Sultana Boutamine	Algeria	<i>Synthesis, Characterization and Antimicrobial Activity of some Transition Metal Complexes with Paracetamol Drug.</i>
P23	Nawal Khier	Algeria	<i>A Green and efficient Method for the synthesis of homodimeric (β-dicarbonyl)arylmethanes and dihydropyridine from Dimédone in water</i>
P24	Samir Bayou	Algeria	<i>Functionalization of the inorganic fillers for dental composites by photo-polymerization sol-gel</i>
P25	Anita Eckstein	Slovakia	<i>Modification of silk fibrous mats for medical application</i>
P26	Alena Šišková	Slovakia	<i>Cellulose: controlled release system applied in agriculture</i>
P27	Patrick Martin	France	<i>Yeast cells immobilized in gellan particles ionically crosslinked</i>
P28	Vasilios Tsanaktis	Greece	<i>Synthesis & Characterization of Poly(2-methylpropylene-2,5-furanoate), Poly(isosorbide-2,5-furanoate) and Poly(1,4-dimethylcyclohexane-2,5-furanoate) Bio-based Polyesters</i>
P29	Djilali Kaid-Ameur	Algeria	<i>Modeling of Dye penetrant examination by The planning of experiments</i>
P30	Sabrina Sam	Algeria	<i>Acetylcholinesterase immobilization on functionalized silicon surface</i>
P31	Valeria Gonzales Coronel	Mexico	<i>Preparation and characterization of thermosensitive polymer microcapsule - indomethacin</i>
P32	Hyesun Lee	South Korea	<i>Antimicrobial spine-bone cement for controlled release formulation and in vivo biological assessments</i>

P33	Anne Aubert-Pouessel	France	<i>Microparticles based of vegetable oils cross-linked by sol-gel chemistry as drug delivery systems@</i>
P34	Aude Falcimaigne-Cordin	France	<i>Hydrogel synthesis by enzyme-mediated polymerization using immobilized peroxidase</i>
P35	Milena Zieleniewska	Poland	<i>Preparation and characterization of the rigid polyurethane foam composites with recycled egg shells</i>
P36	Monika Aguścik	Poland	<i>Viscoelastic polyurethane foam with herbal plant filler</i>
P37	Amani Moussa	France	<i>Reducing-end functionalization of chitosan oligomers</i>
P38	Antigoni Theodoratou	France	<i>Structure and Viscoelasticity of Castor Oil Hybrid Films</i>
P39	Laura Benassi	Italia	<i>Rice Straw based Bioplastic: First Results</i>
P40	Amel Bendouma	Algeria	<i>Biolignine valuation in arid soil fertilization of degraded area of the local region Laghouat Algeria</i>
P41	Yan Wang	Belgium	<i>Crossed-lamellar microstructure of mollusc shells, new inspiration of biomimetic material</i>
P42	Oum Hani Bezzerrouk	Algeria	<i>Water treatment using both physical and biological process within photocatalysis with semiconductors and Lemna minor plants.</i>
P44	Soumeya Krimat	Algeria	<i>Chemical Analysis of Essential Oil of Salvia chudaei Batt. Et Trab. And Its Antimicrobial Properties</i>
P45	Mualla Öner	Turkey	<i>Experimental Design for the Production of Precipitated Calcium Carbonate</i>
P46	Yan Zhou	Hong Kong	<i>Erbium complexes for bladder cancer specific imaging and photodynamic therapy</i>
P47	Lijun Jiang	China	<i>Targeting EBNA1: Small molecule for the imaging and inhibition of EBV-related tumors</i>
P48	Marion Sanglard	New Zealand	<i>Preparation and characterization of bio-based telechelic polyesters</i>
P50	Alina Sionkowska	Poland	<i>3D composites based on the blends of chitosan and collagen with the addition of hyaluronic acid</i>

P51	Zineb Rhandour	Morocco	<i>Antimicrobial activity of the marine sponge <i>Cinachyrella tarentina</i> from the Moroccan Atlantic coast</i>
P52	Fabricio Machado	Brazil	<i>Styrene / Glycidyl Ester Suspension Copolymerizations</i>
P53	Virginie Sottile	UK	<i>Integrated multimodal culture platform to enable large scale drug screen for stem cell chondrogenesis</i>
P54	Zahia Benredjem	Algeria	<i>Coupling of electrodialysis and leaching processes for removing of cadmium from phosphate ore</i>
P55	Mualla Öner	Turkey	<i>Characterization of Calcium Carbonate Crystals Obtained in the Presence of Biopolymer under Ultrasound Waves</i>
P56	Alena Siskova	Slovakia	<i>Electrospun nano-fibrous mats for bio-applications</i>
P57	Hyesun Lee	South Korea	<i>Fast Osteo-regeneration with Surface-immobilization of Hydroxyapatite on Chitosan Scaffolds</i>
P58	Said Sabir	Morocco	<i>Treatment of wastewater by adsorption on raw ore graphite (deposit point 214-area Sidi Bouothmane - Marrakech)</i>

NANOTECH

P59	Adriana Lungu	Romania	<i>Novel thiol containing dimethacrylate dental formulations</i>
P60	Verena Tinnemann	Germany	<i>Statistical analysis of the detachment characteristics of micro patterned dry adhesives</i>
P61	Livia Menezes	Brazil	<i>The effect of nanoclays in the coloration and light transmittance of dental adhesives</i>
P62	Eduardo Molina	Brazil	<i>Multifunctional Siloxane-polyetheramine hybrids for drug delivery systems and effective water cleaning</i>
P63	Shingo Tamesue	Japan	<i>Highly Tolerant and Durable Adhesion between Hydrogels Utilizing Intercalation of Cationic Substituents into Micromica as Inorganic Host–Organic Guest Interactions.</i>
P64	Stefanie Krüger	Germany	<i>Silk based Hybrid Materials</i>
P65	Juliete Neves	Brazil	<i>Encapsulation of calendula essential oil via suspension polymerization</i>
P66	Norma Marrufo-Hernandez	Mexico	<i>Synthesis characterization and evaluation of novel Metal Organic Framework for the adsorption/inhibition of polyphenol oxidase</i>
P67	Stefania Nardecchia	Brazil	<i>A Comparative Study of Graphene Oxide from Different Parent Graphites for Membrane Applications</i>
P68	Charlène Reverdy	France	<i>Superhydrophobic surfaces manufacturing with nanocellulose</i>
P69	Arantzazu Santamaria-Echart	Spain	<i>Two different incorporation routes of cellulose nanocrystals in electrospun waterborne polyurethane nanocomposites</i>
P70	Ouahiba Bechiri	Algeria	<i>Synthesis and caracterisation of new materials polyanioniques substitute by Fe³⁺</i>
P71	Kaïssa Abdmeziem	Algeria	<i>Solar light photocatalysis over a new hybrid material. Application in wastewater treatment.</i>
P72	Paolo Canepa	Italy	<i>Functionalization of TiO₂ surfaces through phosphonate-anchored molecular layers</i>
P73	Matjaž Ličen	Slovenia	<i>Self-assembly of lipophilic guanosine derivatives in thin surface films</i>

P74	Janis Zicans	Latvia	<i>Manufacturing of multi-walled carbon nanotubes containing polymer nanocomposites via latex based approach and their structural, electrical and mechanical characteristics</i>
P75	Fatma Zohra Tighilt	Algeria	<i>Electrochemical sensors of p-nitrophenol based on mesoporous silicon/ polyvinylpyrrolidone</i>
P76	Samia Belhousse	Algeria	<i>Silicon nanowires assembling with polypyrrole for organic pollutants sensing</i>
P77	Patrycja Dynarowicz-Latka	Poland	<i>Non-conventional surface active materials for biomedical applications: FmHnFm triblock semifluorinated n-alkanes</i>
P78	Anass Bakour	Morocco	<i>Graphene Oxide In situ reduction effect on the optical properties of P3HT/rGO composites</i>
P79	Emna El Kout	Tunisia	<i>New ante and Post functionalization strategies for hydrophobic surfaces elaboration</i>
P80	Christian Goldhahn	Switzerland	<i>Functionalization of Wood with Metal and Metal Oxide NPs - Introducing Novel properties to Wood Materials</i>
P81	Razie Akbari	Iran	<i>Wetting, Hydrophobicity, Metal oxides, Surface tension, Surface roughness, Smart surfaces</i>
P82	Jie Tang	Australia	<i>A dual-ligand approach enables lipid-coated calcium phosphate nanoparticles to enhance target delivery to breast cancer cells</i>
P83	Zoubida Habes	Algeria	<i>Ion-selective Electrodes (ISEs) for Cd²⁺, Hg²⁺ and Pb²⁺ : Requirements for Correct Measurements and Application in Analysis of Potable, Industrial and Waste Waters</i>
P84	Nacera Dahmani	Algeria	<i>Nanoencapsulation of essential oils of Artemisia herba alba with enhanced antimicrobial activity</i>
P85	Juergen M. Lackner	Austria	<i>Foraminifera as biomimetic archetype of multi-layered hard coatings on soft substrates</i>
P86	Hajji Rabiaa	Tunisia	<i>Lignocellulose Cryogel from Flax fibers-Ionic liquid Solution under Freeze drying</i>
P87	Marta Vidiella del Blanco	Switzerland	<i>Tuning wood surface wettability by grafting-from ATRP</i>
P88	Andreia Pimenta	Portugal	<i>Ocular drug delivery from contact lenses: mimetizing the hydrodynamic conditions of the eye</i>
P89	Rawia Ben Trad	Tunisia	<i>Staudinger reductive amination: a powerful tool for heterobifunctional surfaces elaboration</i>

SMARTTECH

P90	Ryota Maruyama	Japan	<i>Bioinspired Signal Processing Device Elements using Polymer Blends</i>
P91	Shunsuke Nakamura	Japan	<i>Self-beating capsule triggered by glucose recognition</i>
P92	Golnaz Isapour	Switzerland	<i>Smart Photonic Crystals of Stimuli-responsive Microgels</i>
P93	Tamara Calvo-Correas	Spain	<i>Shape-memory bionanocomposites based on chitin and fully biobased polyurethanes</i>
P94	Tofik Nagiev	Azerbaijan	<i>Research biomimetic sensor – TPhPFe(III)/Al₂O₃/Si</i>
P95	Katarzyna Kłucińska	Poland	<i>Improving selectivity of fluorimetric water sensing in aprotic solvents</i>
P96	Khelifi Reski	Algeria	<i>Conception and realisation of electronic load dedicated to concentrated photovoltaic (CPV) characterisation</i>
P97	Faezeh Gerayeli	France	<i>Tuning the Properties of Hydrogels to Optimise Controlled Release that is Stimulated by Ultrasound</i>
P98	Meng Su	China	<i>Nanoparticle Based Curve Arrays for Multi-Recognition Flexible Electronics</i>
P99	Zdenka Kucekova	Czech Republic	<i>Conductivity and Cytotoxicity of Solvent-extracted Polyaniline</i>
P100	Petra Rejmontová	Czech Republic	<i>Adhesion, Proliferation and Migration of NIH/3T3 cells on Modified Polyaniline</i>
P101	Amel Boukhouiete	Algeria	<i>Synthesis of electrolytic nickel in continuous mode</i>
P102	Machi Takeuchi	Japan	<i>Tuning of Temperature-Sensitive Color-Change Properties of Layered Organic Polymer through Intercalation and the Practical Application to Paper-Based Devices</i>
P103	Xiaoming Sun	Australia	<i>One step way to synthesis nickel hydroxide/expanded graphite oxide composite for supercapacitors</i>
P104	Thomas Chaffraix	France	<i>Self-healing behaviour of zinc-based metallocsupramolecular dendrimers</i>
P105	Hern Kim	South Korea	<i>ZrO₂-IPTES-graft-PVdFHP nanocomposite polymer electrolyte for electrochromic devices application</i>
P106	Luca Nucara	Italy	<i>Ionic Strength Responsive Sulfonated Polystyrene Colloidal Crystals</i>