

Biotech France 2018 Conference Program

June 26, 2018		
15:00 - 17:00	Registration	Registration Area

June 27, 2018		
Biotech France 2018 - Session I: Biochemical / Bioprocess Engineering / Pharmaceutical / Medical Biotechnology		
Conference Room 508		
Session's Chairs: Dr. Yvonne van der Meer, Maastricht University, The Netherlands Prof. Mathieu Sperandio, INSA Toulouse, France		
08:30 - 12:00		Registration Area
Conferences Registration		
10:00 - 10:30	Maximizing the atom efficiency of redox reactions: Exploiting the exquisite selectivity of oxidoreductases F. Mutti	Prof. Francesco Mutti, University of Amsterdam, The Netherlands
10:30 - 11:00		Coffee Break Area
Coffee Break / Posters Session I		
11:00 - 11:30	Development of Biotechnological Approach for the Production of Novel Nutraceuticals and Natural Bio-ingredients and Their Encapsulation S. Kermasha	Prof. Selim Kermasha, McGill University, Canada
11:30 - 11:45	On the way towards cofactor supply via flow Biocatalysis F. Busch, M. Schürmann and R. Kourist	Mr. Florian Busch, InnoSyn B.V., Geleen, The Netherlands
11:45 - 12:00	Endophytic fungi as robust biocatalysts to oxyfunctionalize hydrocarbon terpenes F. Cecati and M. Kurina-Sanz	Dr. Marcela Kurina-Sanz, San Luis National University, Argentina
12:00 - 12:15	The use of Laccase in a biotechnological approach for the degradation of aflatoxins S. Borgomano, M. Lacroix and S. Kermasha	Dr. Sabrina Borgomano, INRS-Institute Armand-Frappier, Canada
12:30 - 14:00		Restaurant (Rue Basse)
Lunch Break		

June 27, 2018		
Biotech France 2018 - Session II: Environmental Biotechnology - Green Economy		
Conference Room 508		
Session's Chairs: Prof. Pierre Monsan, INSA Toulouse, France Dr. Yvonne van der Meer, Maastricht University, The Netherlands Prof. Ica Manas-Zloczower, Case Western Reserve University, Cleveland, USA		
14:00 - 14:30	Refactoring carbon metabolism of microbial systems for added value production from renewable carbon source J-M. Francois	Prof. Jean-Marie Francois, INSA de Toulouse, France
14:30 - 14:45	Biotechnology Innovation Observatory R.F. de Brito, M. Shintaku and D.J. Macedo	Dr. Ronnie Fagundes de Brito, Brazilian Institute of Information in Science and Technology, Brazil
14:45 - 15:00	Statistical optimization of chitin extraction from mushroom wastes by lactic acid fermentation in a stirred tank bioreactor N. Patra and N. Abu-Ghannam	Dr. Nivedita Patra, Institute of Technology Rourkela, India
15:00 - 15:30	From BioSciences to BioProduction: The Pre-industrial Demonstrator TWB. P. Monsan	Prof. Pierre Monsan, INSA Toulouse, France
15:30 - 16:00	Environmental impact of bio-based products Y. Van der Meer	Dr. Yvonne van der Meer, Maastricht University, The Netherlands

16:00 - 16:30	Coffee Break / Posters Session I	Coffee Break Area
16:30 - 17:00	Engineering structural composites using bio-based materials L. Yue, A. Patel, Y. Qiang and I. Manas-Zloczower	Prof. Ica Manas-Zloczower , Case Western Reserve University, Cleveland, USA
17:00 - 17:30	Microbial resource management for environmental biotechnology M. Sperandio	Prof. Mathieu Sperandio , INSA Toulouse, France
17:30 - 17:45	Production and use of microbial biomass helping sustainability in fish production chain E. H. G. Ponsano, T. L. M. Grassi, E. F. E. Santo, L. K. F. Lima and R. C. Pereira	Prof. Elisa Ponsano , Estadual Paulista University, Brazil
17:45 - 18:00	Pesticides in the Environment and Mitigation Technologies M. C. Diez , M. Levio and F. Gallardo	Dr. María Cristina Diez , University of La Frontera, Chile

June 27, 2018		
Biotech France 2018 - Session III: Pharmaceutical / Medical Biotechnology		
18:00 - 18:15	Implementation of bacterial expression systems for the detection of L-asparaginase activity in droplet-based microfluidics M. Morvan , A. Vigne, J. Lopez Morales, C.S. Karamitros, M.Konrad and J.C. Baret	Mr. Mickaël Morvan , Bordeaux University, France
18:15 - 18:30	Targeting Cancer at the Nuclear Pore A.S. Azmi	Dr. Asfar Azmi , Wayne State University, USA
18:30 - 18:45	Reliability of 2D Kinematic Analysis of Sagittal and Frontal Plane Motion During Running in Individuals with Patellofemoral Pain L. Cedin , T.C. Rosa, B.O. Peixoto and D.H. Kamonseki	Prof. Luísa Cedin , Paulista University, Brazil
18:45 - 19:00	Genetic transformation of Physcomitrella patens to overexpress Pp-miR536 C.X. Ordoñez , S.R. Meléndez, A.A. Becerra, M. Á. Villalobos López, F.F.R.Cárdenas and J.G. Jorge	Ms. Carmina Xicohtencatl Ordoñez , National Polytechnic Institute, Mexico

June 28, 2018		
Nanotech / Biotech Joint Plenary session II		
Amphitheatre H		
Session's Chairs:		
Prof. Francesco Mutti, University of Amsterdam, The Netherlands		
Dr. Olivier Sandre, Institut Polytechnique de Bordeaux, France		
Dr. Jean-Olivier Durand, Institut Charles Gerhardt Montpellier, France		
Dr. Winnie Edith Svendsen, Technical University of Denmark, Denmark		
08:30 - 09:00	From antibodies to Metal Organic Frameworks: a Full Set of Enveloppes for metal cofactors in order to build up new artificial metalloenzymes J-P.Mahy , W. Ghattas, F. Avenier and R. Ricoux	Prof. Jean-Pierre Mahy , Paris-Sud University, France
09:00 - 09:30	Expanding and exploring natural sequence space – from protein engineering to chemo-enzymatic cascade reactions C. Mügge, Á. Gomez-Baraibar and R. Kourist	Prof. Robert Kourist , Ruhr University Bochum, Germany/ Graz University of Technology, Austria
09:30 - 10:00	Design and Evolution of New Biocatalysts for Organic Synthesis N. J. Turner	Prof. Nicholas Turner , The University of Manchester, UK
10:00 - 10:30	Practical biocatalytic solutions for the design of chemoenzymatic and multienzymatic concurrent processes V. Gotor-Fernández	Prof. Vicente Gotor- Fernandez , University of Oviedo, Spain
10:30 - 11:00	Coffee Break / Posters Session II	Coffee Break Area

11:00 - 11:30	Nanomedicines for the treatment of cancer and neurological diseases P. Couvreur	Prof. Patrick Couvreur, UMR CNRS 8612, France
11:30 - 12:00	Nanotechnology against viral diseases F. Stellacci	Prof. Francesco Stellacci, Ecole Polytechnique de Lausanne, Switzerland
12:00 - 12:45	Applications of Artificial Intelligence in Biotech and Nanotech research M. Cristovao	Dr. Michele Cristovao, Springer Nature, Germany
12:30 - 14:00	Lunch Break	Restaurant (Rue Basse)

June 28, 2018 – 13:45 – 13:55

Conference Group Photo

At the conference registration desk (located at Rue Haute)

All conference participants are requested to be present for the Conference Group Photo

June 28, 2018		
Biotech / Nanotech Joint Session II.A: Nanotechnology for life science		
Conference Room 109/110		
Session's Chairs: Dr. Stéphane Mornet, Bordeaux University, France Prof. Rui Silva, University of Aveiro, Portugal Prof. Giulio Caracciolo, Sapienza University of Rome, Italy		
14:00 - 14:30	Brain Structure and Function Combine to Create the Characteristics of a Bio-Metamaterial S.D.Morgera	Prof. Salvatore Domenic Morgera, University of South Florida, USA
14:30 - 15:00	Nanostructures for biological and environmental applications W.E. Svendsen	Dr. Winnie Edith Svendsen, Technical University of Denmark, Denmark
15:00 - 15:30	Clickable' Recombinant Spider Silk and its Healthcare Applications N.R. Thomas, D. Harvey, R. Earlam, P. Bardelang, S.L. Goodacre and A. Cockayne	Prof Neil R. Thomas, University of Nottingham, UK
15:30 - 16:00	Surface nanoengineering of intravenously administered inorganic nanoparticles L. Adumeau, C. Vecco-Garda, G. Clofent-Sanchez, C. Genevois, F. Couillaud and S.Mornet	Dr. Stéphane Mornet, ICMCB (UMR 5026 CNRS - Bordeaux University - Bordeaux INP), France
16:00 - 16:30	Coffee Break / Posters Session II	Coffee Break Area
16:30 - 16:45	Vitamin A palmitate-loaded NLC for cosmetic application S. AlZahabi and A.R. Ramadan	Ms. Sham AlZahabi, American Uni. Cairo, Egypt

June 28, 2018

Biotech / Nanotech Joint Session II.B: Nanomedicine- Bioimaging

Conference Room 111/112

Session's Chairs:

Dr. Valeria Grazú, University de Zaragoza, Spain
Prof. Wolfgang Ensinger, Technische Universitaet Darmstadt, Germany
Prof. Neil R. Thomas, University of Nottingham, UK

14:00 - 14:30	The iNAPO project: Biomimetic ion conducting polymer nanopores for bio-molecular and chemical sensing W. Ensinger, M. Biesalski, G. Buntkowsky, K. Hamacher, B. Laube, H. F. Schlaak, G. Thiel, Ch. Trautmann, N. van der Vegt and M. Vogel	Prof. Wolfgang Ensinger, Technische Universitaet Darmstadt, Germany
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14:30 - 14:45	Confocal Laser Endomicroscopy Guided Photothermal/Photodynamic Therapy of Pancreatic Cancer H. Li , K. Yang and Y. Cheng	Dr. Hui Li , Shanghai Jiaotong University, China
14:45 - 15:00	Dual Metallofluorescent Nanoparticles for live cells assays A. Delgado-Gonzalez , E. Garcia-Fernandez, T. Valero, M.V. Cano-Cortes, M.J. Ruedas-Rama, A. Unciti-Broceta, A. Orte, R.M. Sanchez-Martin and J.J. Diaz-Mochon	Mr. Antonio Delgado- Gonzalez , University of Granada, Spain
15:00 - 15:15	Design of Polyelectrolyte Microcapsules Encoded with Excitonic Nanoparticles and Prospects of their Applications as Novel Bio-imaging and Theranostic Tools G. Nifontova , M. Zvaigzne, M. Baryshnikova, E. Korostylev, F. Ramos-Gomes, F. Alves, I. Nabiev and A. Sukhanova	Dr. Galina Nifontova , National Research Nuclear University MEPhI-Moscow, Russia
15:15 - 15:30	Development of new theranostic platforms based on carbon dots M. Claudel , J. Fan, F. Pons and L. Lebeau.	Mr. Mickaël Claudel , University of Strasbourg, France
15:30 - 15:45	Reduction of methemoglobin to oxyhemoglobin under influence of nanoparticles of perfluorocarbon emulsion and cytoflavin. E.A. Manchenko , E.K. Kozlova, A.M. Chernysh and V.A. Sergunova	Mrs. Ekaterina Manchenko V.A.Negovsky Scientific Research Institute of General Reanimatology- Moscow, Russia
15:45 - 16:00	Nanostructure as biomarkers for the diagnosis of donor blood during long-term storage. V.A. Sergunova , E.K. Kozlova, A.M. Chernysh and E.A. Manchenko	Mrs. Victoria Sergunova , V.A. Negovsky Scientific Research Institute of General Reanimatology- Moscow, Russia
16:00 - 16:30 Coffee Break / Posters Session II Coffee Break Area		
16:30 - 16:45	Novel Approach to Flow Label-Free Multiplex Biosensing via Photonic Crystal Surface Wave Detection Technique I.O. Petrova , V.N. Konopsky, Nabiev and A. Sukhanova	Dr. Irina Petrova , National Research Nuclear University MEPhI-Moscow, Russia
16:45 - 17:00	Feasibility of magnetic nanoparticles encapsulated inside carbon nanotubes for hyperthermia R. Ghunaim , S. Hampel, R. Klingeler and B. Büchner	Ms. Rasha Ghunaim , Leibniz Institute for Solid State and Material Research Dresden, Germany
17:00 - 17:15	Magnetic Nanozyme-Linked Immunosorbent Assay for Ultrasensitive Influenza A Virus Detection S. Oh, J. Kim, V.Tan Tran, D. Kyu Lee and J. Lee	Prof. Jaebeom Lee , Pusan National University, Rep. of Korea
17:15 - 17:30	Targeting and Killing of Leukemic Cells with Magnetic Nanowires N. Alsharif , J. Merzaban, T. Ravasi and J. Kosel	Ms. Nouf Alsharif , KAUST, Saudi Arabia
17:30 - 17:45	Bare Magnetic Nanoparticles for Protein Recognition S. Schwaminger , S. Blank-Shim, P. Anand, M. Borkowska- Panek, K. Fink, P. Fraga-García, W. Wenzel and S. Berensmeier	Mr. Sebastian Schwaminger , Technical Univ. of Munich, Germany

June 28, 2018		
Biotech / Nanotech Joint Focused Session on Nanotechnology for drug and gene delivery		
Conference Room 561		
Session's Chairs:		
Dr. Olivier Sandre, Institut Polytechnique de Bordeaux, LCPO, France		
Dr. Sonia Trigueros, University of Oxford, UK		
14:00 - 14:30	Magnetic Iron Oxide Nanoparticles Grafted by a Thermosensitive Peptide Brush: Uptake by Tumor Cells and Cytotoxicity by Magnetic Hyperthermia O. Sandre	Dr. Olivier Sandre , Institut Polytechnique de Bordeaux – LCPO, France
14:30 - 15:00	Nano-Delivery Overcoming the major challenges in Drug and Gene delivey S. Trigueros	Dr. Sonia Trigueros , University of Oxford, UK

15:00 - 15:30	Mesoporous silica, periodic mesoporous organosilica, and mesoporous silicon nanoparticles for drug delivery and two-photon Photodynamic Therapy J-O. Durand	Dr. Jean-Olivier Durand Institut Charles Gerhardt Montpellier, France
15:30 - 16:00	Nanotherapeutics for Targeted Elastic Matrix Regenerative Repair in Vascular Disorders A. Camardo, S.Carney, N. Sharma and A.Ramamurthi	Dr. Anand Ramamurthi , Cleveland Clinic, USA
16:00 - 16:30	Coffee Break / Posters Session II	
		Coffee Break Area
16:30 - 16:45	Challenges on the development of nanotherapeutics: biophysical studies to guide formulation development E.Fernandes, T.B. Soares, H.Gonçalves and M. Lúcio	Dr. Marlene Lúcio University of Minho, Portugal
16:45 - 17:00	Biophysical characterization based on biomimetic nanosystems/drug interactions: a new strategy for a rational drug design process E. Fernandes , S. Bernstorff and M. Lúcio	Mrs. Eduarda Fernandes , University of Minho, Portugal
17:00 - 17:15	Diclofenac interaction with lipid nanosystems as membrane models: a bio-physical assessment of in vitro profiling T.B Soares , E. Fernandes, S. Bernstorff and M. Lúcio	Ms. Telma Bezerra Soares , University of Minho, Portugal
17:15 - 17:30	Novel oxide nanomaterials for drug delivery through the blood-brain-barrier W. Lipinski , M.M. Godlewski, J. Kaszewski, Z. Gajewski and M. Godlewski	Mr. Waldemar Lipinski , Faculty of Veterinary Medicine- Warsaw, Poland
17:30 - 17:45	SiO ₂ nanoparticles as a vehicle for delivery of nucleoside triphosphate analogues into cells S. Vasilyeva , A. Shtil, I. Grin and D. Stetsenko	Dr. Svetlana Vasilyeva , Siberian Branch of the Russian Academy of Sciences, Russia
17:45 - 18:00	Synthesis of PHA nanoparticles for drug delivery: optimizing the size distribution via the effect of the surfactant V. Amstutz , N. Hanik and M. Zinn	Dr. Véronique Amstutz , University of Applied Sciences and Arts Western Switzerland, Switzerland
18:00 - 18:15	A report on synthesis of NIR light responsive nanoparticles-in-microparticles by a double emulsion method: Photothermal and drug delivery use in future M. Dhanka , D. S Chauhan and R. Srivastava	Mr. Mukesh Dhanka , Indian Institute of Technology Bombay, India

June 29, 2018		
Biotech/ Nanotech Joint Session III.C: NanoMedecine / Nanosafety		
Conference Room 558		
Session's Chairs:		
Dr. Jean-Olivier Durand, Institut Charles Gerhardt Montpellier, France		
Dr. Sonia Trigueros, University of Oxford, UK		
09:00 - 09:30	Short, long term fate and biodegradation of IONPs in vivo V. Grazú and J. M. de la Fuente	Dr. Valeria Grazú , University de Zaragoza and CIBER-BBN, Spain
09:30 - 09:45	Nanoparticle delivery of drugs for Tuberculosis I.L. Batalha , A. Bernut, R.A. Floto and M.E. Welland	Dr. Iris Batalha , University of Cambridge, UK
09:45 - 10:00	Synthesis of Gold Nanovehicles for Con-trolled Drug Delivery Applications R. Lopes Rodrigues , F.Xie, A. Porter and M. Ryan	Ms. Rosalia L. Rodrigues , Imperial College London, UK
10:00 - 10:30	Coffee Break	
		Coffee Break Area
10:30- 11:00	Nanopattern improves chondrogenesis for cartilage regeneration. I.Casanellas, A. Lagunas, I. Tsintzou, Y. Vida, D. Collado, E. Pérez-Inestrosa, C. Rodríguez Pereira, J. Magalhaes and J.Samitier	Prof. Josep Samitier Martí , Institute for Bioengineering of Catalonia (IBEC), Spain

11:00 - 11:15	Characterization of the interaction of graphene oxide with the mammalian sperm membrane J.Simões , M.Ramal Sanchez, R. Zappacosta M. Ciulla, A.Di Stefano, A. Fontana, P. Lanuti, E.Ercolino, M. Marchisio, G. Capacchietti, L. Valbonetti, N. Bernabò and B. Barboni	Ms Juliana Simões , University of Teramo, Italy
11:15 - 11:30	A Potential Approach to Assess and Control the Potential Risks Related to Nanomaterials C. Schimpel , S. Resch and A. Falk	Ms. Christa Schimpel , BioNanoNet, Austria
11:30 - 11:45	Tuball™ Single wall Carbon Nanotubes: Health, Safety & Environmental issues G. Van Kerckhove	Mr. Gunther Van Kerckhove , OCSIA Europe Sarl, Luxembourg
11:45 - 12:00	Review of human health risk assessment models considering their input requirements and applicability during nanomaterial product development results from the EU H2020 'CALIBRATE' project T. Oosterwijk , R. Franken, M. Heringa, I. Rodriguez, A. Saämanen, T. Kanerva, M. Dal Maso, M. Poikkimaki, K.A. Jenssen, C. de Jong-Rubingh, R. Stierum and W. Fransman	Mr. Thies Oosterwijk , TNO, Risk Assessment of Products In Development, The Netherlands

June 29, 2018

Biotech / Nanotech Joint Session III.D: Nanomaterials for food applications

Conference Room 461

Session's Chairs:

Dr. Clara Silvestre, ICTP/CNR, Naples, Italy

Dr. Giovanna G. Buonocore, ICTP/CNR, Naples, Italy

09:00 - 09:30	Nanotechnology in the food packaging sector: recent applications and future trends A.Sanches Silva	Dr. Ana Sanches Silva , National Institute of Agrarian and Veterinary Research, Portugal
09:30 - 10:00	Active biopolymer film or coating for food packaging application: structure-properties relationship and shelf life extension E. Torrieri	Prof. Elena Torrieri , University of Naples Federico II, Italy
10:00 - 10:30	Coffee Break	
	Coffee Break Area	
10:30 - 10:45	PAA.PVA-PAMAM bio-nanocomposite films incorporating thymol for food packaging G. Amariei , K. Boltes, I. Iriepa, I. Moraleda, P. Letón and R. Rosal	Ms. Georgiana Amariei University of Alcalá, Spain
10:45 - 11:00	A novel antibacterial strategy based on oxide nanoparticles for medical and food-related polygraphy J. Cymerys-Bulenda , R. Pietuszka, A. Słońska-Zielonka, S. Gierałowska, B.S. Witkowski, Z. Gajewski, M. M. Godlewski and M. Godlewski	Dr. Joanna Cymerys-Bulenda , Warsaw University of Life Sciences – SGGW, Poland

Posters Session I: June 27, 2018
Biotech France 2018

Exhibition and Posters Hall

N.	Title	Author/Affiliation/Country
1	Bioinformatic identification method of evolutionary ranges for functional small peptides on genomes H. Takahashi , N. Hayashi, A. Takahashi and H. Onouchi	Dr. Hiro Takahashi , Kanazawa University, Japan
2	Enhancing Cas9 nuclease expression in Escherichia coli using defined media G.P. Carmignotto and A.R. Azzoni	Ms. Gabriela Carmignotto , University of Sao Paulo, Brazil
3	Novel Bioreactor System for Continuous IgG Production M.Hagihara , S. Ohya, T.Harada, S.Yamada	Mr. Masahiko Hagihara UBE Industries, Ltd, Japan
4	Isolation and selection of microorganisms capable of tolerating different pesticides for the construction of a microbial consortium R.A. Saldaña , Á.E. Absalón and D.V. Cortés-Espinosa	Ms. Rosa Arenas Saldaña , National Polytechnic Institute, Mexico
5	Dendron-Grafted Polylysine-Based Dual-Modal Nanoprobe for Ultra-Early Diagnosis of Pancreatic Precancerosis via Targeting a Urokinase-Type Plasminogen Activator Receptor H. Li, K. Yang, and Y. Cheng	Dr. Cheng Yingsheng , Shanghai Jiaotong University, China
6	Niemann-Pick Type C2 Protein Inhibits PBGF-BB-Induced Hepatic Stellate Cells Proliferation Y.H. Wang , Y. C. Twu and Y.J. Liao	Ms. Yuan His Wang , National Yang-Ming University, Taiwan .
7	Selenate Reduction to Elemental Selenium by Shigella sonnei strain SE6-1 and Its Potential Mechanism Elucidated by Genome Sequence A. Cho, H. Lee and J-H. Lee	Dr. Ji-Hoon Lee , Chonbuk National University, Rep.of Korea
8	Improved shoot regeneration, salinity tolerance and reduced fungal susceptibility in transgenic tobacco constitutively expressing PR-10a gene M.Dabi , P. Agarwal and P.K Agarwala	Ms. Mitali Dabi , CEA Saclay, France

Posters Session II: June 28, 2018

Biotech/ Nanotech Joint session on NanoBioMedicine / Nanosafety

Exhibition and Posters Hall

1	Conductance measurements in Laponite-stabilized internally self-assembled particles in water. C. Barth , T. Dégousée, S. Gallanti and F. Muller	Dr. Céline Barth , ECE-Paris Engineering School, France
2	Capture and growth of cells on the ligand modified polystyrene chips coated with agarose and agarose/gelatin M.K. Lee and J. Jeong	Dr. Myung Kyu Lee , Korea Research Institute of Bioscience and Biotechnology, Rep. of Korea
3	Selective Claudin-4 Targeting of Clostridium Perfringens Enterotoxin (CPE)-conjugated Poly-sialic acid Nanoparticles for effective pancreatic cancer therapy M.K. Shim, I.K. Cho, K. Kim and J-H. Kim	Prof. Jong-Ho Kim , Kyung Hee University, Rep. of Korea
4	Silver-Polyvinyl Pyrrolidone (Ag-PVP) Nanoparticles Exhibit Antibacterial Activity against Chlamydia muridarum in Mouse J774 Macrophages S.Dixit, S. R. Singh and V.A. Dennis	Dr. Vida A. Dennis , Alabama State University, USA
5	Numerical optimization of the carboplatin encapsulation into Boron Nitride nanotubes J. Bentin and F. Picaud	Mr. Jeremy Bentin , University of Bourgogne-Franche-Comté, France
6	A new neural-cell specific peptide for targeted delivery of drug-loaded nanoparticles R. Huey , D. Rathbone, P. McCarron and S. Hawthorne	Ms. Rachel Huey , Ulster University, UK
7	Cationized Polymer (dCatAlb) Encrusted Nanoformulation enhance the chemotherapeutic activity of Doxorubicin V. Jhonson, N. Raval , P.Gondaliya, V.Tambe, K.Kalia and R. Tekade	Ms. Nidhikumari Raval , National Institute of Pharmaceutical Education and Research, India

8	Self-assembled Polymeric Nanoparticles for Targeting Mitochondrial Complex II K. Kwon, G. Battogtokh, Y.-Y. Cho, J. Y. Lee, H. S. Lee and H. C. Kang	Prof. Han Chang Kang , The Catholic University of Korea, Rep. of Korea
9	Customized D2B-gold coated Nanoparticles: promising therapeutic agents against prostate cancer. M. Sarkis, G. Minassian, H. Naim, G. Fracasso, J.D. Holmes, K. Rahme and E.Ghanem	Dr. Esther Ghanem , Notre Dame University, Lebanon
10	Exploitation of the liposome-biomolecular corona for early detection of pancreatic cancer D. Pozzi, L. Digiacomo, S. Palchetti, F. Giulimondi, M. Cartillone, C. Cascone, R. Coppola, D. Caputo and G. Caracciolo	Prof. Giulio Caracciolo , Sapienza University of Rome, Italy
11	Enhanced Gene Transfection by Multifunctional Properties of Polymeric Vitamins H. Cho, J. Y. Lee, Y.-Y. Cho, H. S. Lee and H. C. Kang	Prof. Hye Suk Lee , The Catholic University of Korea, Rep. of Korea
12	Preparation and physicochemical characterization of nanostructured iron(III) hydroxyphosphates as potential vaccine adjuvants N. Angelova and G. Yordanov	Ms. Nadezhda Angelova , Sofia University, Bulgaria
13	Gold nanoparticle-based colorimetric immunosensor for estradiol A. Minopoli , B. Della Ventura, C. Schiattarella, N. Sakač and R. Velotta	Mr. Antonio Minopoli , University of Naples "Federico II", Italy
14	Big Instrument- and Chaotropic Detergent-Free Assay for Ultra-sensitive Biomolecule Nucleic Acid Isolation and Detection Via Binary Nanomaterial H. F. Liu , F. Zhao, E. Y. Lee and Y. Shin	Ms. Huifang Liu , University of Ulsan, Rep. of Korea
15	Fabrication of Highly Sensitive Ammonia Sensor: Potential Use for Diagnosis Purpose T.N. Ly and S. Park	Mr. Tan Nhiem Ly , Dongguk University, Rep. of Korea
16	Rapid and Sensitive Detection of pathogen diagnosis based on Microfluidic Enrichment with a Label-free Nanobiosensing Platform T.N.T. Dao , J. Yoon, C. Eun Jin, B. Koo, E. Yeong Lee,, K. Han, T.Y. Lee and Y. Shin	Ms. Nguyen Dao , Ulsan University, Rep.of Korea
17	Development of X-shaped DNA as an immune adjuvant for the cancer immunotherapy through dual activation of TLR9 and inflammasomes J.E. Koo, H.E. Lee, S.H. Eom, H.C. Kang, Y-Y. Cho, H.S. Lee and J.Y. Lee	Dr. Joo Lee , The Catholic University of Korea, Rep.of Korea