 **1- Alexander M. Seifalian (University College London- UK)**	Alexander Marcus Seifalian is a Professor of Nanotechnology and Regenerative Medicine, and Director of UCL Centre for Nanotechnology & Regenerative Medicine at University College London (UCL-CNRM). He has been the driving force behind the Centre's development of bypass grafts, stents, heart valve, nerve regeneration, cartilage drug delivery and patent filing and commercialization. He has received grant support of over £3.8 million from research councils and industry over the past 4 years. Prof. Seifalian has been extensively involved in commercialization of medical devices, including: i) the development of a vascular by-pass graft funded by MedLink Projects, this being based on poly(carbonateurea) urethane (PCU) with a commercialized version used in renal dialysis; ii) the development of a miniature implantable portal blood pump (EEC Funded) currently under clinical trial; iii) the development of a laser light activated vascular sealant, which has now been commercialized; and iv) synthesis of polymeric scaffolds for academic and commercial use. His research team has been awarded the top prize by Medical Future 2007 for development of cardiovascular devices including bypass grafts using the family of new innovative materials. He is a Fellow of Institute of Nanotechnology.
 **2- Farshid Sefat (University of Bradford- UK)**	Farshid Sefat is a lecturer in Biomedical Engineering at the University of Bradford and Visiting Professor at Stevens Institute of Technology (New Jersey, USA). Previously he was Head of Biomedical Engineering Department at King Faisal University (Saudi Arabia). He completed his post doctorate research assistant at University of Sheffield (UK) in the area of cornea tissue engineering. He received his Ph.D. (2011) and BEng. (2005) degrees from University of Bradford (UK) both in Biomedical Engineering. He also obtained his MSc (2006) in Biomedical Engineering (Cell and Tissue Engineering) from Keele University, (UK). His research is based on developing nanobiomaterials to control cellular behavior with particular emphasis in developing engineered materials for tissue engineering. His key areas of research interest are skin, hair, breast and cornea tissue engineering, oral/dental tissue engineering, bone and cartilage cell engineering.
 **3- Bo Örjan Gunnar Nyström (University of Oslo- Norway)**	Bo Nyström is a professor at the Department of Chemistry, University of Oslo, Norway. He received his PhD degree from the Institute of Physical Chemistry, Uppsala University, Sweden, in 1978, “Transport phenomena in dilute and moderately concentrated macromolecular solutions studied with special reference to the sedimentation velocity technique”. Nyström became "docent" at the same Institute in 1980. His research activities focus on structural, dynamical, and rheological studies of associating polysaccharides, hydrogels, microgels, responsive copolymers, and nanoparticles. He is involved in several projects on the production of polymeric nanobeads of various natures for drug delivery and other biomedical applications. In recent years, Nyström has especially been interested in the use of polymers for biomedical applications. Nyström has about 230 publications in peer-reviewed international journals. He is Foreign Member of Norwegian Academy of Sciences since 2005.

 **4- John Davies (University of Toronto- Canada)**	John Davies is a Full Professor of Chemical Engineering and Applied Chemistry in University of Toronto. He received two doctorate degrees, DSc and PhD, from University of London. Professor Davies, a proven international opinion leader in two fields of Regenerative Medicine —Mesenchymal Stem Cell (MSC) applications, and Dentistry— has been notably successful in translating his basic research into both clinical and commercial products. Prompted by his discovery of MSCs in the tissue of the umbilical cord, Davies formed Tissue Regeneration Therapeutics (TRT) Inc. in 2004. As a result Davies' cell technologies are now being developed, on two continents. Several key papers have been published by both Davies and his TRT collaborators, in 2016, in prestigious stem cell, transplantation and critical care journals. His work has also changed clinical practice in implant dentistry. Recently, he has proposed a new interpretation of the phenomenon of osseointegration—as a restoration of homeostasis. This has allowed, for the first time, the comparative quantification of the osseointegration potential of candidate implant surface designs – a critically important advance for both dentistry and orthopedics.
 **5- Yoshihiro Ito (RIKEN Advanced Science Institute- Japan)**	Yoshihiro Ito is a Chief Scientist and Director of Nano Medical Engineering Laboratory at RIKEN Advanced Science Institute (Saitama, Japan) and a Team Leader of Emergent Bioengineering Materials Research Team at RIKEN Center for Emergent Matter Science. He received his doctoral degree from Graduate School of Polymer Chemistry, Kyoto University in January 1987. His research interests are molecular evolutionary engineering, nano-biomaterials, and tissue engineering. Professor Ito has received numerous awards such as The Award of Japanese Society of Biomaterials, Fellow of International Union of Societies for Biomaterials Science and Engineering, and Significant Achievement Award RIKEN.
 **6- Florence Barrère-de Groot (Twente University- Netherland)**	Florence Barrère-de Groot has a PhD in a biomimetic materials for bone regeneration and over 15 years professional experience. She obtained her PhD degree (2002) and spent her Postdoc (2004-2006) in Twente University, Netherland. She is Manager Product Development at Xpand Biotechnology, The Netherlands. Her relevant experience includes: Leading projects for the commercialization of nanostructured implantable medical devices for 10 years, Development of new products formulation, patent, GMP manufacturing process; biocompatibility, sterilization, coordination of preclinical and clinical studies, Market approval for clinical use in EU and USA (CE mark, 510k clearance), Experience in preclinical and clinical trials, osteoinductive calcium phosphate bone graft products for the spine, orthopaedic, dental and craniomaxillofacial use.
	Muhammad Akhyar Farrukh is currently an associate professor of Chemistry and Principal Investigator of Projects in Nano-Chemistry Lab at GC University Lahore. After completing his PhD at University of Karachi (2003), he did couple of post doctorates at Federal University of Santa Catarina (UFSC), Brazil and Universiti Sains Malaysia (USM), Penang, Malaysia University of Singapore. He is recipient of the several distinctions, including the Young Chemist Award by IUPAC- Italy (2007), Young Scientist Award by TWAS- Egypt (2010), Young Scientist Award by IAP- Germany (2010), Young Scientist Award by World Economic Forum- China (2010), Young Scientist Award by BioVisionAlexandria- Egypt (2012), Young Researcher by Lindau Nobel

7- Muhammad Akhyar Farrukh (University Lahore- Pakistan)	Laureate Meetings- Germany (2013) and Award for Chemists from Developing Countries by IUPAC, Korea (2015). Muhammad Akhyar Farrukh research activities lie mainly in the areas of Nanotechnology, Nano-Forensics, Physical Chemistry and Environmental. His published works include more than 90 papers in referred journals that has been cited several times. He has participated and presented his work in more than 45 conferences. He has authored and edited 21 Books/Chapter and has seven Issued/Filed US Patents. He serves as a member of Editorial Board/Managing Editors of 17 Journals as well as a member of 14 International Professional Bodies. He also served as a Session Chair/Co-Chair of 8 International Conferences.
 **8- Muhammad Yahaya (Universiti Kebangsaan-Malaysia)**	Muhammad Yahaya is an Emeritus Professor of Physics at Universiti Kebangsaan. Muhammad Received his Ph.D. in Physics from Monash University (Australia) in 1979 and B.Sc from ITB, Indonesia in 1973. Dr. Muhammad has 35 years of teaching and research experience with Universiti Kebangsaan Malaysia, Brown University, USA, Monash University, Australia. He was appointed Head of Physics Department (74-79), Deputy Dean, Center of Postgraduate studies (1994-1999), Director, Research Management Centre, (1999-02) Director, Centre of Academic Advancement, (02-07). Dr. Muhammad maintains a diverse research interest including thin films, electronic property of metals, solar energy and computer in physics communication. He is actively involved in Physics and Science Terminology, Writing Malay language Text book in Physics. He is currently the president, Malaysian Solid State Science and Technology, Fellow Malaysian Institute of Physics, member IEEE and member Malaysia Materials Science. Dr. Muhammad has received many awards for his academic and professional excellence. He received commonwealth Scholarship and Fellowship plan to pursue his Ph.D (1975) DAAD -German Fellowship (1984), Fullbright fellowship (1984-1985), JSPS Fellowship and Associate member of ICTP,Italy, Fellow, Academy Science Malaysia (2006-now), KMN (1995) Anugerah KMN (1995),Tokoh Ilmuan MABBIM (1997),Award, Recognition of Service UKM (1999),ANS- Negeri Sembilan (2004), Award 'Prominent Physics Figure –UPM (2005)- 100 years world year of physics, DSPN (Dato' Penang (2007).
 **9- Syed Khurshid Hasanain (Quaid-i-Azam University-Pakistan)**	Syed Khurshid Hasanain is a full professor at Department of Physics, Quaid-i-Azam University, Islamabad, Pakistan. He obtained his PhD degree in Experimental Solid State Physics from Tufts University, Medford, Mass, USA. His research interests involve Nanophysics and its applications (Magnetic nanoparticles and thin films), Oxide magnetism and other correlated electron systems, Ferroelectric and multiferroic systems. He has received several awards and honors, including Senior Associate, International Center for Theoretical Physics (ICTP), Trieste, Italy (2003-2008), Presidential Award of Pride of Performance (Physics-2000), Award of Young Scientist of the year (1993), Third World Academy of Sciences TWAS, Trieste, Italy, and Prof. Abdul Salam Prize in Physics 1989.

 **10- Farhan Saif (Quaid-i-Azam University- Pakistan)**	Farhan Saif is currently working as professor and Chairman of the Department of Electronics, Quaid-i-Azam University, Islamabad, Pakistan. He obtained his PhD and Post-doctorate degrees at Ulm University, Germany 1994-99. Farhan Saif has received many distinctions such as Gold Medal in Physics from Pakistan Academy of Sciences 2014, TWAS Prize from UNESCO 2003 and Abdus Salam Prize in Physics 2001. He specializes in Nano Science and Technology, Quantum Optics, Atom Optics, Nano Electro Opto Mechanical Systems, Quantum Informatics, Bose Einstein Condensation, Classical Chaos and Quantum Chaos.
 **11- Naveen Kumar (Delhi Technological University- India)**	Naveen Kumar is currently working as a Professor of Mechanical Engineering at Delhi Technological University. Prof. Kumar possesses 26 years of experience in academics, industry, and research. He was the former Head of Mechanical Engineering Department. His research interests include alternative fuels with special emphasis on biofuels, decentralized energy systems, renewable energy, waste recycling and sustainable development. Prof. Kumar has presented his research work at universities, research organizations and industries abroad particularly in the University of Minnesota, University of South Florida, University of Murcia, Kongju National University, Korea Institute of Energy Research and National Research Institute for Chemical Technology etc. He is the Editor-in-Chief of 'Journal of Biofuels'. He is also on the editorial board of many journals and also works as a reviewer for many journals published by ASME, Elsevier, Springer, Wiley etc.
 **12-Atiar Rahman (University of Chittagong - Bangladesh)**	Atiar Rahman is working as an assistant professor in the Department of Biochemistry and Molecular Biology, University of Chittagong Bangladesh. He received his PhD in Applied Bioresource Science (2006) from the United Graduate School of Agricultural Science, Ehime University, Japan and Postdoctoral fellowship from the Department of Biochemistry, School of Biochemistry, Genetics and Microbiology, University of KwaZulu Natal 2012), Durban, South Africa. Dr. Atiar Rahman research interests are in the area of Phytomedicine, Chemistry of Natural Medicine, Biochemistry and food science, Clinical Biochemistry, Microbiology.
 **13- Mohd Zobir Hussein (University Putra Malaysia (UPM) - Malaysia)**	Mohd Zobir Hussein is currently the programme manager for nanomaterials at the Materials Synthesis and Characterization Laboratory, Institute of Advanced Technology (ITMA), UPM. He obtained his Ph.D. degree from University of Reading, U.K. and spent his postdoctoral/research attachments on nanomaterials and their applications at various laboratories, namely University of Southampton, U.K., Pennsylvania State University, USA, Victoria University of Wellington, New Zealand and University of Western Australia, Australia. He and his research group focusing their research works on nanomedicine, especially for theranostics delivery systems, nanomaterials for thermal energy storage and agronanochemicals. His research interests are in the design, synthesis and applications to improve drug and diagnostic agents' bioavailability and efficacy by nanotechnology platforms. Nanomaterials, such as layered hydroxides, magnetic nanoparticles, carbon nanostructures including

	graphene and graphene oxide and polymers are among nanovectors used for theranostics delivery systems with controlled release properties.
 **14- Lau Woei Jye (Universiti Teknologi Malaysia - Malaysia)**	Lau Woei Jye is currently working as a Senior Lecturer at Advanced Membrane Technology Research Centre (AMTEC), Faculty of Petroleum and Renewable Energy Engineering, Universiti Teknologi Malaysia. Formerly, he was Assistant Professor at Faculty of Engineering and Science, Universiti Tunku Abdul Rahman, Jalan Genting Kelang, Kuala Lumpur. Dr. Lau Woei Jye obtained his Ph.D degree in Chemical Engineering at Universiti Teknologi Malaysia (UTM), 2009. He was obtained Gold Medal of 12th British Invention Show (BIS)-London, Gold Medal and Best Invention Award (Category F) of 15th Industrial Art and Technology Exhibition (INATEX 2013). He serves on the editorial board of Journal of Applied Membrane Science Technology, Journal of Membrane and Separation Technology in Life science Global, Bioprocessing Technology in Herbert Open Access Journals. Dr. Lau Woei Jye's research interest focuses on Preparation and characterization of ultrafiltration membranes, microporous substrate for thin film composite membrane development, Graphene-based polymeric nanocomposite for desalination, Nanocomposite ultrafiltration, Sustainable membrane-based manufacturing.
 **15- Asghari Maqsood (Air University of Islamabad- Pakistan)**	Asghari Maqsood is currently working as the Dean Faculty of Basic and Applied Sciences and full Professor of Physics at Air University of Islamabad. She received her Ph.D degree in Physics at University of Gothenburg (Sweden) and her master degree in Solid State Physics at University of Oxford (United Kingdom). Her basic fields of interest are Experimental Physics, Condensed Matter Physics, Materials Science, Nanomaterials, superconductivity and electrical properties. Her publications achieved more than 2700 citation. Some of her recent considerable awards and prizes are: Dr. Z.A. Hashmi Gold Madel R&D (2014), Life time achievement Award, Pakistan Vacuum Society (2013), Stands at number 3 among Pakistani Physicists, PCST Publication 2013.
 **16- Muhammad Mahadi Abdul Jamil (UTHM-Malaysia)**	Muhammad Mahadi Abdul Jamil is currently an associate professor of Medical Electronics Engineering in the Biomedical Engineering Modeling and Simulation Research Group (BIOMEMS), Department of Electronic Engineering, Universiti Tun Hussein Onn Malaysia (UTHM). Dr. Muhammad Mahadi Abdul Jamil's degrees are in the Electronic engineering (Ph.D., 2007) and in biomedical engineering (M.S., 2003) from university of Bradford. His research program centers on Bioelectronics Engineering (Biomagnetism), Cell Engineering, High Resolution Imaging, Rehabilitation & Assistive Device, Medical Robotics and Biomedical Engineering Application (Wound Healing). He has served as chief editor of International Journal of Integrated Engineering (Issue on Electrical & Electronic Engineering) and associations as a reviewer in a several international journals and conferences.

 **17- Ehsaneh Daghigh Ahmadi (University of Manchester- UK)**	Dr. Ehsaneh Daghigh Ahmadi is currently working as Research Fellow at the University of Manchester (Manchester Institute of Biotechnology). She received Ph.D. degree in Physics-Photonics from the University of Sheffield, LDSD Group, UK (2013). She was a Postdoctoral Research Assistant at Stevens Institute of Technology, USA (2014-2016), and also worked as Teaching Assistant at Stevens Institute of Technology Cleanroom and Assistant at CUNY, Advanced Science Research Centre, USA. Dr. Daghigh Ahmadi having special interest in Nanophotonics, Quantum Dots, Carbon Nanotubes, Graphene, Photonic Crystals. She is an associate member of Institute of Physics (IOP). She also serves as editor and reviewer of American Research Journal of Physics and reviewer of IOP Publishing Academic Journals.
 **18- Mohammed AbdulHal AbdulRahman AlSaadi (University of Malaya- Malaysia)**	Dr. Mohammed AbdulHakim AlSaadi has been a chemical engineer with industrial and academic experience. Currently, he is a senior lecturer in nanotechnology and catalyst research center (NANOCAT), University of Malaya. He joined NANOCAT in 2014 after working for four years in the university of Malaya center for ionic liquid (UMCIL), Department of chemical Engineering, and Faculty of engineering. He moved to Malaysia from Iraq in 2006 to obtain his PhD in the department of biotechnology engineering, Kulleyah of engineering, international islamic university. His research was to synthesyze Carbon nanotubes for removal of heavy metal from water. in Iraq, after getting BsC in University of technology, 1991 and MsC in College of engineering, University of Baghdad, 1995, both in chemical engineering, he worked in industry as well as in academia as a deputy dean in Almaaref university and a lecturer in college of engineering, university of Al-Anbar. Dr. Mohammed Abdulhakim specialization mainly is in the field of carbon nanomaterials and their applications in water treatment, membrane technology, sensors and composit material. He contributed to the research in Ionic liquids and deep eutectis solvents and their applications in biodeisel and nanohybride.
 **19- Talib M. Albayati (University of Technology Baghdad- Iraq)**	Dr. Talib is an associate professor of Chemical Engineering at University of Technology, Chem. Eng. Dep, Baghdad, Iraq. He obtained his master and Ph.D. degrees in Chemical Engineering from University of Technology, Iraq. Then, he completed his Post-Doctoral in Nanotechnology at Manchester Metropolitan University (MMU), United Kingdom (2011-2012). Dr. Talib's research interest focuses on electrochemical coating process, membrane separations, water and wastewater treatment, nanoporous application as a catalyst in petroleum refinery process, biodiesel production and as adsorbents for purification of water and waste water treatments. He is Member of Technical Committee & Editorial Review Board on Chemical and Molecular Engineering for World Academy of Science, Engineering and Technology. Also, he is the Editor of Canadian Center of Science and Education (Canada) Journal of Materials Science Research (CJMSR), Renewable Energy, and Journal of Contaminant Hydrology.

 **20- Harith Bin Ahmad (University of Malaya-Malaysia)**	Harith Bin Ahmad is a Professor and Director of the Photonics Research Centre, University of Malaya. He received his undergraduate education at University of Malaya where he obtained a first class degree in physics and went on to do his master's degree in High Voltage Technology and a doctorate in Laser Technology from the University of Wales in the United Kingdom. Professor Harith's areas of expertise are Fibre Optics and Waveguides (Plannar Lightwave Circuit), Quantum Electronics and Lasers (Laser Technology) and Fibre Optics & Waveguides (Fibre Optic Technology). He has over 300 journal publications and conference proceedings in his name, all of which are recognized by the International Citation Index. He has also obtained 10 patents jointly with Telekom Malaysia and has supervised more than 10 PhD students and over 30 MSc students.
 **21- Sulaiman Wadi Harun (University of Malaya-Malaysia)**	Sulaiman Wadi Harun is currently working as a full Professor in the Department of Electrical Engineering, University of Malaya, Malaysia. He is also a deputy dean of postgraduate study in the Faculty of Engineering. Prof. Harun received the B.E degree in Electrical and Electronics System Engineering from Nagaoka University of Technology, Japan in 1996, and M.Sc. and Ph.D degrees in Photonic Technology from University of Malaya in 2001 and 2004, respectively. Nearly 15 years of research experience on the development of optical fiber devices including fiber amplifiers, fiber lasers and fiber optic sensors. He was a primary guest editor of IEEE Selected Topic of Quantum Electronics special issue on Fiber Lasers in 2014. Prof. Harun has published more than 600 ISI journals and his papers have been cited more than 3500 times with an h-index of 29, showing the impact on the community. He has received about 10 research grants of value over RM2M from the Ministry of Education and the Ministry of Science, Technology and Innovation. He is a recipient of 2016 Malaysia's Rising Star Award by Malaysian Ministry of Higher Education and Elsevier for his contribution in international collaboration.
 **22- Nandakumar Kalarikkal (Mahatma Gandhi University-India)**	Nandakumar Kalarikkal is currently working as an Associate Professor at International and Inter University Centre for Nanoscience and Nanotechnology & Advanced Materials Laboratory, School of Pure and Applied Physics, Mahatma Gandhi University, India. He received his PhD and MSc degree from Cochin University of Science & Technology, India. Dr. Kalarikkal's research interests mainly include the synthesis, characterization and applications of various nanomaterials, ion irradiation effects on various novel materials and phase transitions. Also, his research group currently work in the fields of Nanomultiferroics, Nanosemicondustors and Nanophosphors, Nanocomposites, Nanoferroelectrics, Nanomedicine, Nanosensors, and Laser Ablation
 **23- Emil Omurzak uulu (Kyrgyzstan-Turkey**	Emil Omurzak is currently an Assistant Professor at Chemical Engineering Department, Faculty of Engineering, Kyrgyzstan-Turkey Manas University, Bishkek, Kyrgyzstan. He has received his PhD from Kumamoto University (Japan) in 2008 with degree work entitled "Synthesis of Nanomaterials by Impulse Plasma in Lıquid". Then, he spent his PostDoctoral Fellow at Kumamoto University (2008-2009). His research topic is mainly related to synthesis and applications of oxide, metallic, sulfide semiconductor nanostructures. Some of achieved nanomaterials are: blue TiO2 with visible light photocatalytic activity; synthesis of high temperature phase and metastable nanomaterials (tetragonal ZrO2, anatase TiO2, C60); Biocompatible magnetic

Manas University- Kyrgyzstan)	nanomaterials (Me@C, ZnO@C) encapsulated inside carbon, and many other interesting materials.
 **24-Gholamreza Vakili-Nezhaad (Sultan Qaboos University- Oman)**	Gholamreza Vakili-Nezhaad has been an Associate Professor at Department of Petroleum and Chemical Engineering, College of Engineering, Sultan Qaboos University (Oman) since September 2008. He received his PhD degree in Chemical Engineering from Amir-Kabir University of Technology (Tehran Polytechnic), Tehran, Iran (1999). His publications mostly cover areas on chemical engineering thermodynamics, statistical thermodynamics, thermophysical properties, nanofluids, nanofiltration as well as various properties of some carbon nanostructures. Dr. Vakili-Nezhaad is corresponding /first or single author in 36 papers out of 50 journal publications. Also, he is an Associate Editor of Bonfring International Journal of Industrial Engineering and Management Science, Editorial Board Member of International Journal of Chemical Research, and former Editorial Board Member of Journal of Petroleum Engineering & Technology.
 **25-Rovshan Ibrahimkhalil Khalilov (Baku State University)**	Sep. 1969 – Sep. 1972 Faculty of Physics, Azerbaijan State University, Baku, Azerbaijan Degree Awarded: Awarded State Scholarship for Undergraduate Study at the Moscow State University Sep. 1972 - Feb. 1976 Department of Biophysics, Faculty of Physics, Moscow State University, Moscow, USSR Degree Awarded: Diploma for physicist (MSc equivalent) Specialization: Biophysics Dissertation Project Title: ESR studies of the Paramagnetic Centers in the Photosynthetic Processes. Apr. 1976 - Apr. 1979 Post - Graduate education, Department of Biophysics, Faculty of Physics, Moscow State University, Russia Degree Awarded: “Candidate nauk” in Physics and Mathematics (PhD) Dissertation Project Title: ESR Studies of The Primary Reactions of Photosynthesis May1991 – March 1992 Post - Graduate education, Department of Biophysics, Faculty of Physics, Moscow State University, Russia Degree Awarded: “Doctor nauk” in Physics and Mathematics, (Ecology and Biophysics) Dissertation Project Title : Mechanism of UV effect on the membrane systems