

Luncheon Seminars | September 5 (Wed), 2018

Time	Room 1 (Main Hall)	Room 2 (Annex Hall 1)	Room 3 (Annex Hall 2)
12:10 - 13:00	<p>LS1 The Era of Organoid Medicine -from screen to therapeutics- Chair: Katsuhisa Matsuura Institute of Advanced Biomedical Engineering and Science / Department of Cardiology, Tokyo Women's Medical University, Japan</p> <p>Takanori Takebe Division of Advanced Multidisciplinary Research, Tokyo Medical and Dental University, Japan / Department of Regenerative Medicine, Yokohama City University Graduate School of Medicine, Japan / Cincinnati Children's Hospital Medical Center, USA AJINOMOTO CO., INC.</p>	<p>LS2 Lectin microarray: from glycan analysis to quality evaluation of stem cells Hiroaki Tateno Cellular Glycome-targeted Research Group Biotechnology Research Institute for Drug Discovery National Institute of Advanced Industrial Science and Technology, Japan Sumitomo Bakelite Co., Ltd.</p>	<p>LS3 Current State and Future Prospect of Biotherapy Chair: Ryoosuke Kuroda Department of Orthopaedic Surgery Kobe University Graduate School of Medicine, Japan</p> <p>LS3-1: Development of a Novel Autologous Therapy: nSTRIDE APS Jennifer Woodell-May Zimmer Biomet, USA</p> <p>LS3-2: Trends in Biologics 2018 Norimasa Nakamura Institute for Medical Science in Sports Osaka Health Science University, Japan Zimmer Biomet G.K. / CellSource Co., Ltd.</p>
	<p>Room 4 (A)</p> <p>LS4 Chair: Miho K Furue NIKON CORPORATION, Japan</p> <p>LS4-1: Recent Advances in Cell Sheet-Based Tissue Engineering for Regenerative Therapy and Drug Screening Tatsuya Shimizu Institute of Advanced Biomedical Engineering and Science, Tokyo Women's Medical University, Japan</p> <p>LS4-2: Takeshi Kawano NIKON CORPORATION, Japan NIKON CORPORATION</p>	<p>Room 6 (B-2)</p> <p>LS5 siRNA and antisense therapies for genetic and fibrotic liver diseases Chair: Shuji Terai Division of Gastroenterology and Hepatology, Graduate School of Medical and Dental Sciences, Niigata University, Japan</p> <p>Detlef Schuppan Internal Medicine, Gastroenterology, and Hepatology at the Medical Center of the Johannes Gutenberg University of Mainz, Germany ROHTO Pharmaceutical Co., Ltd.</p>	<p>Room 7 (D)</p> <p>LS6 Thoughts on the Industrialization of Regenerative Medicine -Two Industry Pioneers Discuss Progressing from Clinical to Industrial Scale Manufacturing- Chair: James E. Akers Akers Kennedy & Associates, USA</p> <p>LS6-1: Hepastem: Liver stem cells for liver rescue therapy in ACLF and NASH Etienne Sokal PROMETHERA BIOSCIENCES, Belgium</p> <p>LS6-2: Healios's business strategy - Forefront of regenerative medicine Tadahisa Kagimoto HEALIOS K.K., Japan SHIBUYA CORPORATION</p>
	<p>Room 9 (C-2)</p> <p>LS7</p> <p>LS7-1: A Step Closer To The Development Of Artificial Organs Marc Thurner regenHU LTD, Switzerland</p> <p>LS7-2: Introduction and overview of NIH/NCATS intramural research</p> <p>3D-Tissue Bioprinting: Overview of NIH/NCATS intramural research Sam Michael Information Technology Resources Branch NIH (ITRB), USA</p> <p>Introduction to the 3D-Tissue Bioprinting Program of NIH/NCATS Paige Derr Bioprinting Team, NIH/NCATS, USA</p> <p>Bioprinted Skin Project at NIH/NCATS Kristy Derr Bioprinting Team, NIH/NCATS, USA regenHU LTD</p>		



Luncheon Seminars | September 6 (Thu), 2018

Time	Room 2 (Annex Hall 1)	Room 3 (Annex Hall 2)	Room 4 (A)
11:45 - 12:35	<p>LS3 The Innovation of Regenerative Medicine, Tissue Engineering, Laboratory Equipment and Analytical Instruments by SMEs (Small and Medium Enterprises) in Kyoto</p> <p>LS8-1: New healthcare innovation creation activities at Kyoto Research Park Corp ① Prototyping coordination & support (Regenerative Medicine and Tissue Engineering Support Platform) ② Partnering opportunities for startups (HVC KYOTO) Shinji Muranaka Kyoto Research Park Corp., Japan</p> <p>LS8-2: • Design, Development, Manufacturing of Orthopedic surgical instrument • Design, Development, Manufacturing of Experimental equipment in regenerative medicine and physics and chemistry fields Masayoshi Umihira UMIHIRA CO., LTD., Japan</p> <p>LS8-3: Automated Adherent Cell Elimination by a High-Speed Laser Mediated by a Light-Responsive Polymer Junichi Matsumoto KATAOKA CORPORATION, Japan</p> <p>LS8-4: SCAD-MT™ cardiomyocyte, 3D-cell device with aligned and multilayered myocardial tissue derived from iPS cells for cardiotoxicity testing Koshi Kinoshita Stem Cell & Device Laboratory, Inc., Japan</p> <p>LS8-5: Cell growth recording device and Small rotation culture device Toshihiko Kotera Globe Inc., Japan</p> <p>LS8-6: The New Micro Cutting Machine to Induce Biotissue Regeneration with Cut Cubic Micro Biotissue Kazuhiro Shibata Shibata System Service Co., Ltd., Japan</p> <p>LS8-7: Introduction of Cardiomyocytes derived from human iPS cells and related products Nobuhiro Morimoto NACALAI TESQUE, INC., Japan</p> <p>LS8-8: What is BMG ? ① Bio-Absorbable Polymer Materials with over 25 years of experience, BioDegmer® ② Novel Self-absorbable Medical Adhesive (Sealant), LYDEX® as an alternative to fibringlue ③ Cryopreservation Solution not containing DMSO of BioVerde Inc. BonHyun JUNG BMG Incorporated, Japan</p> <p>Public Interest Incorporated Foundation KYOTO Industrial Support Organization 21 / BMG Incorporated / Globe Inc. / KATAOKA CORPORATION / Kyoto Research Park Corp. / NACALAI TESQUE, INC. / Shibata System Service Co., Ltd. / Stem Cell & Device Laboratory, Inc. / UMIHIRA CO., LTD.</p>	<p>LS9 Clinical application of Drug Delivery System using a Gelatin hydrogel Chair: Noritaka Isogai Department of Plastic and Reconstructive Surgery, Kindai University Faculty of Medicine, Japan</p> <p>LS9-1: Novel therapeutic strategy for facial nerve paralysis using basic fibroblast growth factor impregnated biodegradable gelatin hydrogel Hiroyuki Yamada Department of Otolaryngology, Head and Neck Surgery, Ehime University Graduate School of Medicine, Japan</p> <p>LS9-2: Drug Delivery System using Gelatin hydrogel for various Plastic Surgery Reconstruction Noritaka Isogai Department of Plastic and Reconstructive Surgery, Kindai University Faculty of Medicine, Japan Nitta Gelatin Inc.</p>	<p>LS10 Updates for Cardiovascular Regenerative Medicine Based on Biomaterials and Beyond Chair: Tomohiro Morio Department of Pediatrics and Developmental Biology, Tokyo Medical and Dental University (TMDU), Japan</p> <p>Hidetoshi Masumoto Clinical Translational Research Program, RIKEN Center for Biosystems Dynamics Research (BDR), Japan The Japanese Society for Regenerative Medicine / Mochida Pharmaceutical Co., Ltd.</p>
		<p>Room 7 (D)</p> <p>LS12 Gene therapy comes of age Chair: Masanobu Kimura Takara Bio Inc., Japan</p> <p>Keiya Ozawa Division of Immuno-Gene & Cell Therapy (Takara Bio) Jichi Medical University, Japan Takara Bio Inc.</p>	<p>Room 8 (E)</p> <p>LS13 Clinical potentials of a functional synthetic protein, silk-elastin Chair: Yasuhiko Tabata Laboratory of Biomaterials, Department of Regeneration Science and Engineering, Institute for Frontier Life and Medical Sciences, Kyoto University, Japan</p> <p>LS13-1: Biological functions of silk-elastin Yasuhiko Tabata Laboratory of Biomaterials, Department of Regeneration Science and Engineering, Institute for Frontier Life and Medical Sciences, Kyoto University, Japan</p> <p>LS13-2: Therapeutic application of silk-elastin as wound healing material Katsuya Kawai Plastic & Reconstructive surgery, Japanese Red Cross Society Nagahama Hospital, Japan SANYO CHEMICAL INDUSTRIES, LTD.</p>
		<p>Room 9 (C-2)</p> <p>LS14 Impact of endothelial stem cells on vascular regeneration Chair: Michiya Matsusaki Department of Applied Chemistry, Graduate School of Engineering, Osaka University, Japan</p> <p>Nobuyuki Takakura Department of Signal Transduction, Research Institute for Microbial Diseases, Osaka University, Japan Yamato Scientific Co., Ltd.</p>	<p>Room 10 (C-1)</p> <p>LS15 Chimeric antigen receptor (CAR) T cell therapy as cancer immunotherapy Chair: Akihiro Umezawa Center for Regenerative Medicine, National Center for Child Health and Development, Japan</p> <p>Yoshiyuki Takahashi Department of Pediatrics Nagoya University Graduate School of Medicine, Japan FUJIFILM Corporation / Japan Tissue Engineering Co., Ltd.</p>



Luncheon Seminars | September 7 (Fri), 2018

Time	Room 2 (Annex Hall 1)	Room 4 (A)	Room 5 (B-1)
11:10 - 12:00	<p>LS16 Significance of Tissue Engineering Technology in Regenerative Therapy Chair: Shigeyuki Wakitani Seta Hospital, Cartilage Regeneration Center, Japan</p> <p>LS16-1: Regenerative therapy using injectable growth factor for patients with hip osteonecrosis Yutaka Kuroda Department of Orthopaedic Surgery, Graduate School of Medicine, Kyoto University, Japan</p> <p>LS16-2: Trials for cardiac regeneration with human iPS cell-derived 3D cardiac tissue Jun K. Yamashita Center for iPS Cell Research and Application, Kyoto University, Japan The Japanese Society for Regenerative Medicine / Denka Company Limited</p>	<p>LS17 Introduction of Xeno-Free culture system and novel fibrous hydrogel scaffold to accelerate the research and development of regenerative medicine and 3D tissue engineering Chair: Yasuhiko Tabata Laboratory of Biomaterials, Department of Regeneration Science and Engineering Institute for Frontier Life and Medical Sciences, Kyoto University, Japan</p> <p>LS17-1: Defined, Xeno-Free culture system for therapeutic grade human mesenchymal stem cells manufacturing and scale up applications David Fiorentini Biological Industries Israel Beit-Haemek VP for Scientific Affairs, Israel</p> <p>LS17-2: Novel fibrous hydrogel scaffold for 3D tissue architecture Toshiki Saotome The Japan Wool Textile Co., Ltd. Research and Develop center, Japan Cosmo Bio Co., Ltd.</p>	<p>LS18 In vitro and in vivo application of alginate gel for orthopedic research Chair: Noriko Koizumi Department of Biomedical Engineering, Faculty of Life and Medical Sciences, Doshisha University, Japan</p> <p>Koichi Masuda Department of Orthopaedic Surgery, University of California, San Diego, USA KIMICA Corporation</p>
	Room 7 (D)	Room 8 (E)	Room 10 (C-1)
	<p>LS19 Modeling of cardiac diseases using iPS cells Chair: Shigeru Miyagawa The department of cardiovascular surgery, Osaka University Graduate School of Medicine, Japan</p> <p>Yoshinori Yoshida Department of Cell Growth and Differentiation, Center for iPS Cell Research and Application, Kyoto University, Japan NIPRO CORPORATION</p>	<p>LS20 Engineering of Clinical Cellular Products for Cancer Immunotherapy through Viral Vector Reprogramming Chair: Shin Kaneko Department of Cell Growth and Differentiation, Center for iPS Cell Research and Application, Kyoto University, Japan</p> <p>Richard Koya Roswell Park Cancer Institute, Center for Immunotherapy, USA TERUMO CORPORATION</p>	<p>LS21 Nature Biomedical Engineering, Seminar -Engineering technology for improving human health-</p> <p>Pep Pàmies Nature Biomedical Engineering, Nature Research, Springer Nature, UK Springer Nature</p>

