


# ISP2013 SCHEDULE

<i>Day / Time</i>	<i>Event</i>	<i>Venue</i>
<b>Monday, 26 August: Registration and Welcome Reception</b>		
17:00–17:30	<b>Registration</b>	M&D Tower 2F Auditorium 1
17:30–18:00	<b>Orientation</b> MC: Kevin Cleary (TMDU) Introduction to ISP: Kazuo Takakuda (ISP2013 WG Chairperson, TMDU) Program Schedule: Ikuko Morio (Director, International Exchange Center, TMDU)	
18:00–20:00	<b>Welcome Reception</b> MC: Kevin Cleary (TMDU)	“Grill Saints”
<b>Tuesday, 27 August: Lecture Course, Day 1</b>		
9:00–9:10	<b>Opening Remarks</b> Junji Tagami (Dean, Faculty of Dentistry, TMDU)	M&D Tower 2F Auditorium 1
9:10–12:45	<b>Lecture Course 1 “Foundation”</b> <b>Chair:</b> Junji Tagami (TMDU) / Akio Kishida (TMDU)	
9:10–9:50	Kazuo Takakuda (TMDU) Title: Biomaterials: From Basics to Clinics	
9:50–10:30	Takao Hanawa (TMDU) Title: Research and Development of Metals for Medical Devices Based on Clinical Needs	
	 <b>Coffee Break, 15 min</b>	
10:45–11:25	Akiko Nagai (TMDU) Title: Surface Functionalization of Bioceramics	
11:25–12:05	Atsushi Tamura (TMDU) Title: Supramolecular Polyelectrolyte Complexes for Enhancing the Intracellular Activity of Delivered Biomacromolecules	
12:05–12:45	Alireza Sadr (TMDU) Title: Non-ionizing In-depth Dental Imaging by Optical Coherence Tomography: A Benchtop to Chairside Development Story	
12:45–14:30	<b>Lunch Break</b>	
14:30–15:00	<b>Introduction to the University</b> Ikuko Morio (Director, International Exchange Center, TMDU)	M&D Tower 2F Auditorium 1
15:00–17:00	<b>Laboratory Visit &amp; Tour of the Institute of Biomaterials and Bioengineering (IBB Tour)</b>	
17:00–18:30	<b>Poster Session</b> <b>Facilitator:</b> Mutsumi Okazaki (TMDU) / Akinori Kimura (TMDU) / Takamitsu Hosoya (TMDU)	M&D Tower 2F Foyer


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**Wednesday, 28 August: Lecture Course, Day 2**

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<b>9:00–12:45</b>	<p><b>Lecture Course 2 “Application”</b>  <b>Chair:</b> Motohiro Uo (TMDU) / Masaki Noda (TMDU)</p>	M&D Tower 2F Auditorium 1
<i>9:00–9:40</i>	<p>Kenji Kawashima (TMDU)            Title: Surgical Robot System with Force Perception Using Pneumatic Actuators</p>	
<i>9:40–10:20</i>	<p>Shohei Kasugai (TMDU)            Title: New Strategy for Bone Regeneration: Providing Space and Respecting the Healing Potential of the Body</p>	
	<p> <b>Coffee Break, 15 min</b></p>	
<i>10:35–11:20</i>	<p>Karl-Heinz Kunzelmann (University of Munich)            Title: Dental Restorative Composites – New Trends</p>	
<i>11:20–12:00</i>	<p>Kenji Yasuda (TMDU)            Title: On-Chip Quasi-In Vivo iPS Cardiomyocyte Network Screening Assay for Predictive Cardiotoxicity beyond hERG and QT Assays</p>	
<i>12:00–12:45</i>	<p>Dennis Discher (University of Pennsylvania)            Title: Minimal ‘Self’ Peptides that Inhibit Phagocytic Clearance and Enhance Delivery of Nanoparticles</p>	
<b>12:45–14:30</b>	<b>Lunch Break</b>	
<b>14:30–16:30</b>	<b>IEC Program</b>	
<i>14:30–15:00</i>	<b>Library Tour</b>	M&D Tower 3F Library
<i>15:00–16:30</i>	<p><b>Optional Programs</b>            •Exposure to Japanese culture            •Guided walk in the TMDU neighborhood</p>	
<b>16:30–17:20</b>	<p> <b>Free time</b></p>	
<b>17:20–17:30</b>	<b>Commemorative Photograph</b>	M&D Tower 26F Faculty Lounge
<b>17:30–19:30</b>	<p><b>Social Hour</b>            MC: Kevin Cleary (TMDU)            ISP2013 Address: Kikuo Ohno (Trustee for Planning and International Exchange, TMDU)             Presentation of ISP2013 Certificates: Kikuo Ohno (Trustee for Planning and International Exchange, TMDU)</p>	

<i>Day / Time</i>	<i>Event</i>	<i>Venue</i>
<b>Thursday, 29 August: ISP Symposium 2013 “Biomaterials: From the Laboratory to the Clinic”</b>		

<b>9:00–9:10</b>	<b>Opening Remarks</b> Yasuhito Yuasa (Dean, Faculty of Medicine, TMDU)	M&D Tower 2F Akio Suzuki Memorial Hall
<b>9:10–13:00</b>	<b>Symposium Chair:</b> Kazuo Takakuda (TMDU) / Ikuko Morio (TMDU)	
<i>9:10– 9:50</i>	Akio Kishida (TMDU) Title: Decellularized Biological Tissues as Biomaterials for Tissue Engineering and Regenerative Medicine	
<i>9:50–10:30</i>	Atsushi Okawa (TMDU) Title: Development and Clinical Applications of Porous Hydroxyapatite/Collagen Composites	
	 <b>Coffee Break, 15 min</b>	
<i>10:45–11:30</i>	Dennis Discher (University of Pennsylvania) Title: Systems Mechanobiology from Matrix to Nucleus	
<i>11:30–12:15</i>	Masaya Nakamura (Keio University) Title: Regenerative Medicine for Spinal Cord Injury	
<i>12:15–13:00</i>	Karl-Heinz Kunzelmann (University of Munich) Title: Caries Diagnosis and Therapy Revisited	
<b>13:00–13:10</b>	<b>Closing Remarks</b> Ikuko Morio (Director, International Exchange Center, TMDU)	
<b>13:10–14:30</b>	<b>Lunch Break</b>	
<b>14:30–15:30</b>	<b>Returning Procedure</b>	M&D Tower 2F Auditorium 1

<b>Friday, 30 August: ISP Special Selection (Special Selection Participants only)</b>
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The TMDU Graduate School Entrance Examination will be held for ISP2013 Special Selection Participants.