

## World Premier International Research Center Initiative (WPI) List of Working Group Leaders and Assigned Members

### WPI Advanced Institute for Materials Research (AIMR), Tohoku University

	Name	Affiliation/Title
PO	Yoshihito Osada	Senior Visiting Scientist, RIKEN
Japanese	Yasuhiko Shirota	Professor Emeritus, Osaka University
	Hideo Hosono	Professor, Frontier Research Center / Director, Materials Research Center for Element Strategy, Tokyo Institute of Technology
	Tomohiko Yamaguchi	Prime Senior Researcher, Research Institute for Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology
	Toyonobu Yoshida	Professor Emeritus, The University of Tokyo
Overseas	Samuel M. Allen	POSCO Professor Emeritus of Physical Metallurgy, Department of Materials Science and Engineering, Massachusetts Institute of Technology, <b>USA</b>
	Colin Humphreys	Professor and Director of Research, Department of Materials Science and Metallurgy, University of Cambridge, <b>GBR</b>
	Samuel I. Stupp	Trustees Professor of Materials Science, Chemistry, Medicine, and Biomedical Engineering / Director, Simpson Querrey Institute for BioNanotechnology, Northwestern University, <b>USA</b>

### Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU), The University of Tokyo

	Name	Affiliation/Title
PO	Ichiro Sanda	Professor Emeritus, Nagoya University
Japanese	Hiraku Nakajima	Professor, Research Institute for Mathematical Science, Kyoto University
	Yutaka Hosotani	Professor, Department of Physics, Graduate School of Science, Osaka University
	Tetsuji Miwa	Program-Specific Professor, Institute for Liberal Arts and Sciences, Kyoto University
Overseas	Ian Shipsey	Professor and Head, sub-Department of Particle Physics, University of Oxford, <b>GBR</b>
	Matthias Staudacher	Professor, Institute of Mathematics and Institute of Physics, Humboldt University, <b>DEU</b>
	Anthony Tyson	Distinguished Professor, Department of Physics, University of California, Davis, <b>USA</b>

### Institute for Integrated Cell-Material Sciences (iCeMS), Kyoto University

	Name	Affiliation/Title
PO	Toru Nakano	Professor, Graduate School of Frontier Biosciences and Medicine, Osaka University
Japanese	Kazunori Kataoka	Director-General, Innovation Center of NanoMedicine, Kawasaki Institute of Industry Promotion
	Yoshiki Katayama	Professor, Department of Applied Chemistry, Graduate School of Engineering / Director, Innovation Center for Medical Redox Navigation, Kyushu University
	Yumiko Saga	Professor, Genetic Strains Research Center, National Institute of Genetics and Department of Genetics and SOKENDAI (The Graduate University for Advanced Studies)
	Toshio Suda	Senior Principal Investigator, Cancer Science Institute of Singapore / Professor, Department of Medicine, Yong Loo Lin School of Medicine, National University of Singapore, SGP
Overseas	Alexander V. Kabanov	Mescal Swaim Ferguson Distinguished Professor and Director of the Center for Nanotechnology in Drug Delivery, the UNC Eshelman School of Pharmacy / Codirector of the Carolina Institute for Nanomedicine, the University of North Carolina at Chapel Hill, <b>USA</b>
	Paavo K.J. Kinnunen	Professor, Department of Biomedical Engineering and Computational Science, School of Science, Aalto University, <b>FIN</b>

### Immunology Frontier Research Center (IFReC), Osaka University

	Name	Affiliation/Title
PO	Takehiko Sasazuki	University Professor, Institute for Advanced Study, Kyushu University
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	Kazuhiko Yamamoto	Professor and Chairman, Department of Allergy and Rheumatology, Graduate school of Medicine, The University of Tokyo
Overseas	Günter J. Hämmerling	Professor, Tumorigenesis Program, German Cancer Research Center DKFZ, <b>DEU</b>
	Hisataka Kobayashi	Chief Scientist, Molecular Imaging Program, National Cancer Institute, National Institutes of Health, <b>USA</b>
	Philippe Kourilsky	Professor Emeritus, Collège de France / Honorary Director-General of the Pasteur Institute, <b>FRA</b>

### International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science

	Name	Affiliation/Title
PO	Gunzi Saito	Professor, Faculty of Agriculture, Meijo University
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	Takehiko Ishiguro	Professor Emeritus, Kyoto University
	Tadashi Matsunaga	President, Tokyo University of Agriculture and Technology
	Hiroshi Katayama-Yoshida	Professor, Director, Center for Spintronics Research Network (CSRN), Graduate school of Engineering Science, Osaka University
Overseas	David L. Allara	Distinguished Professor Emeritus of Chemistry and Materials Science & Engineering, Pennsylvania State University, <b>USA</b>
	Klaus von Klitzing	Director, Max Planck Institute for Solid State Research, <b>DEU</b> Nobel Prize laureate

### International Institute for Carbon-Neutral Energy Research (I<sup>2</sup>CNER), Kyushu University

	Name	Affiliation/Title
PO	Kazunari Domen	Professor, School of Engineering, The University of Tokyo
Japanese	Koichi Eguchi	Professor, Department of Energy and Hydrocarbon Chemistry, Graduate School of Engineering, Kyoto University
	Naoki Shikazono	Professor, Institute of Industrial Science / Director, Collaborative Research Center for Energy Engineering, The University of Tokyo
	Shuichiro Hirai	Professor, Department of Mechanical and Control Engineering, Graduate School of Science and Engineering, Tokyo Institute of Technology
Overseas	David L. Greene	Research Professor in the Department of Civil and Environmental Engineering / Senior Fellow of the Howard H. Baker, Jr. Center for Public Policy, The University of Tennessee, <b>USA</b>
	Ellen Ivers-Tiffée	Chair and Head of the Institute for Applied Materials – Materials for Electrical and Electronic Engineering, Karlsruhe Institute of Technology, <b>DEU</b>
	Dimos Poulikakos	Director, Laboratory of Thermodynamics in Emerging Technologies, Institute of Energy Technology, ETH Zurich, <b>CHE</b>

**International Institute for Integrative Sleep Medicine (IIIS), University of Tsukuba**

	Name	Affiliation/Title
PO	Kozo Kaibuchi	Professor, Department of Cell Pharmacology, Graduate School of Medicine, Nagoya University
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	Norio Ozaki	Professor, Child and Adolescent Psychiatry, Graduate School of Medicine, Nagoya University
	Toru Takumi	Senior Team Leader, RIKEN Brain Science Institute
Overseas	Thomas Kilduff	SRI Fellow, Center Director, Center for Neuroscience, Biosciences Division, SRI International, <b>USA</b>
	Emmanuel Mignot	Director, Stanford Center for Sleep Sciences and Medicine / Professor, Psychiatry and Behavioral Sciences, Stanford University, <b>USA</b>
	Richard Neubig	Professor and Chairman, Department of Pharmacology and Toxicology, Michigan State University, <b>USA</b>

**Earth-Life Science Institute (ELSI), Tokyo Institute of Technology**

	Name	Affiliation/Title
PO	Shoken Miyama	Professor (Special Appointment), Office of the President, Hiroshima University Former Director General, National Astronomical Observatory of Japan
Japanese	Shin-ichi Kawakami	Professor, Faculty of Education, Gifu Shotoku Gakuen University
	Mitsuyasu Hasebe	Professor, Division of Evolutionary Biology, National Institute for Basic Biology, National Institute of Natural Sciences
	Satoshi Yamamoto	Professor, Department of Physics, The University of Tokyo
Overseas	George D. Cody	Acting Director, Geophysical Laboratory, Carnegie Institution of Washington, <b>USA</b>
	Antonio Lazcano	Professor, Origin of life, Department of Evolutionary biology, Faculty of Science, The National Autonomous University of Mexico, <b>MEX</b>
	Edwin Turner	Professor of Astrophysical Sciences / Director, Council for International Teaching & Research, Princeton University, <b>USA</b>

**Institute of Transformative Bio-Molecules (ITbM), Nagoya University**

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	Ikuko Hara-Nishimura	Professor, Department of Biology, Faculty of Science and Engineering, Konan University
Overseas	Wilhelm Gruissem	Professor, Plant Biotechnology, Department of Biology, ETH Zurich, <b>CHE</b>
	Jonathan L. Sessler	Doherty-Welch Chair in Chemistry, The University of Texas, <b>USA</b>
	Ben Shen	Co-chair / Professor, Department of Chemistry, The Scripps Research Institute, <b>USA</b>