

**TAIWAN-JAPAN MATCHMAKING CONFERENCE ON AGING RESEARCH COOPERATION**  
**15th October Matchmaking Grouping List**

Matchmaking Group List (Group 1)	No	Name	Institution / University	Department	Position	Research Field	Research Focus	Interested Cooperation
Table Host	1	Shu-Chun Teng	National Taiwan University	Graduate Institute and Department of Microbiology	Distinguished Professor	Health Education, specializing in health promotion for the elderly	Aging, Telomere Replication, Protein Folding	Past Research Highlight: Yeast Cdp1 is activated by environmental stress to inhibit Cdk1-G1 cyclins via Mcm1 and Msn2/4
Online Attendees from Japan	2	Masahiro Susa	Tokyo Institute of Technology	Department of Materials Science and Engineering, School of Materials and Chemical Technology	Professor	Material Science	"2002-2016: Professor at Department of Metallurgy and Ceramics Science, Graduate School of Science and Engineering 2016-present: Professor at Department of Materials Science and Engineering, School of Materials and Chemical Technology "	· To discuss future cooperation in international programs to nurture research talents
	3	Shin-Ichi Hamaguchi	Tokyo Institute of Technology	School of Materials and Chemical Technology	Dean of the Office, University Research Administrator (URA)	The research and industry-academia collaboration	From 1982 to 2017, I was engaged in research and development of Electron Beam Lithography systems for Photo Mask and Wafer of Semiconductor Industries. In 2017, I transferred to Tokyo Institute of Technology as a University Research Administrator. I support the research and industry-academia collaboration of university faculty members of our School.	· To consider International Workforce (Special Researcher Programs)
	4	Masanori Kikuchi	National Institute for Materials Science (NIMS)	Bioceramics Group	Group Leader	Material Science	Ceramics based biomaterials	· To plan future cooperative research project · To discuss future cooperation in international programs to nurture research talents Cooperative Project: · Biodegradable Bone Paste · Removing fluoride ions from waste water utilizing sea urchin bone
	5	Toru Yoshitomi	National Institute for Materials Science (NIMS)	Research Center for Functional Materials	Senior Researcher	Life Sciences, Material Science, Nanotechnology	Oxidative stress, Regenerative medicine	· To plan future cooperative research project · To discuss future cooperation in international programs to nurture research talents
	6	Sosuke Miyoshi	University of Tsukuba	Headquarters for International Industry-University Collaboration	Professor	Life Sciences	Drug R&D (planning, strategy), Bio-imaging, Regenerative medicine, Medical device, Entrepreneur education, Open innovation	Cooperative Project: · Research Group: Chemistry and Engineering of Materials and Biomaterials
	Onsite Attendees from Taiwan	7	張祥唐 Hsiang-Tang Chang	National Kaohsiung University of Science and Technology	Department of Industrial Design	Associate Professor	Product design and prototyping for aging society and ocean wave energy.	Different from other product design research, we preferred developing interesting ideas and realizing them by pressing possible techniques for the specific issues including aging society and environmental sustainability.
8		呂郁蕙 Yu-Huei Liu	China Medical University	Graduate Institute of Integrated Medicine	Associate Professor	Life Sciences	Cancer, endocrine-exocrine interaction, new drug development	· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
9		陳佑安 Yu-An Chen	Yuanpei University of Medical Technology	Department of Health and Leisure Management	Assistant Professor	Life Sciences		· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents
10		張必正 Bih-jeng, CHANG	National Taiwan Normal University	Department of Health Promotion and Health Education	PhD student	Health education and promotion		· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials · Others: Health education and promotion
11		李健峰 Kin Fong Lei	Chang Gung University, Taiwan	Graduate Institute of Biomedical Engineering	Professor	Nanotechnology	"The mission of the Bio-MEMS Laboratory is to develop Micro-ElectroMechanical Systems (MEMS) for bio-medical applications. We highlight the spirit of innovation and high quality up-stream research. Currently, we focus on three research topics: - Impedimetric monitoring of biological substances, i.e., cell, DNA, and protein, in microfluidic systems - Paper-based microfluidics for cell-based assays - Inhibition of cancer cell proliferation under electrical stimulation"	· To plan future cooperative research project · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
12		李柏嬰 Pomin Li	National Pingtung University of Science and Technology	Office of International Affairs	Dean of Office of International Affairs	Life Sciences	Circular Economy	· To plan future cooperative research project
13		吳仁貴 Rex wu	National Tsinghua University	GLORIA Operation Center	Researcher	Nanotechnology	BioNEMS and Nano/Micro Fluidics Lab, Dept. of Engineering and System Sciences	· To plan future cooperative research project · To seek for cooperation in sharing advanced facilities and research materials
14		Chin-yu,Wu	National Taiwan Sport University		Postgraduate	Life Sciences		· To plan future cooperative research project

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Matchmaking Group List (Group 2)	No	Name	Institution / University	Department	Position	Research Field	Research Focus	Interested Cooperation
Table Host	1	Jim Jinn-Chyuan Sheu	National Sun Yat-Sen University	Institute of BioMedical Sciences	Professor and Chair	Cancer Genomics/Genetics, Cell Adhesion, Keratin, Mechanotransduction, Chromatin Remodeling	1.Chromatin remodeling factor Rsf-1 triggers genome instability during cancer development 2.Biological functions of novel keratin fusions in cancer stem cell development 3.Using ribosome biogenesis as a therapeutic target for treating endometriosis and the associated complications.	Cooperation Profile: · Keratin fusions (KFs) trigger cancer development. · Ribosome biogenesis (RB) as a potential target for treating endometriosis.
Online Attendees from Japan	2	Hiroyuki Wada	Tokyo Institute of Technology	School of Materials and Chemical Technology	Associate Professor	Life Sciences, Material Science, Nanotechnology, Energy and electronics research fields, such as light emitting diode (LED) and solar cell	Functional nanoparticles, such as inorganic and organic materials, are prepared by laser process and solution processes. Their applications for biomedical, energy and electronics research fields, such as cancer therapy, bioimaging, light emitting diode (LED) and solar cell are also investigated.	· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
	3	Yusuke Shimoyama	Tokyo Institute of Technology	Department of Chemical Science and Engineering	Professor	Material Science, Chemical Engineering	We are studying the design of material process using supercritical fluid based on understanding the phase equilibria and mass transfer for supercritical fluid mixture. Supercritical fluid, especially carbon dioxide is used as solvent in drying wet gel or paste for preparation of nano-structured materials and for the solvent separation on particle production. We are also focusing on the behavior of phase equilibria and mass transfer by experimental data accumulation and modeling using molecular information for the design of material process using supercritical fluid.	· To plan future cooperative research project · To discuss future cooperation in international programs to nurture research talents
	4	Jun Nakanishi	National Institute for Materials Science (NIMS)	Mechanobiology Group	Group Leader	Life Sciences, Material Science	Material-based mechanobiology	· To plan future cooperative research project · To seek for cooperation in sharing advanced facilities and research materials
	5	Yoshihiro Ito	RIKEN	Nano Medical Engineering Laboratory	Chief Scientist and Director	Nano Medical Engineering	Biomaterial science, regenerative medical engineering, combinatorial bioengineering for the creation of functional polymers, and soft nanotechnology	Cooperation Profile: · Nanomedicine
	6	楊萬鑫 Wan-Hsin, Yang	National Taiwan Normal University / Ta Kuan Junior High School	Department of Health Promotion and Health Education / Office Of Student Affairs	Postgraduate / Director	Education		· To plan future cooperative research project
Onsite Attendees from Taiwan	7	莊承鑫 Cheng-Hsin Chuang	National Sun Yat-sen University	Institute of Medical Science and Technology	Professor	Nanotechnology	Flexible Wearable Sensor, Biosensor, MEMS, Electrochemical Sensor	· To plan future cooperative research project · To exchange information of Aging Research · To seek for cooperation in sharing advanced facilities and research materials
	8	楊良友 Liang-Yo Yang	China Medical University	College of Medicine	Professor/Dean of Global Affairs	Life Sciences	Focus on the aging-related neurodegeneration.	· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
	9	Shabbir Syed Abdul	Taipei Medical University	Graduate Institute of Biomedical Informatics	Associate Professor	Life Sciences	Major research interests are Long-term care with Wearable technologies, mHealth, Artificial Intelligence, I want to empower care providers and improve patient engagement. I am using emerging technologies such as VR/MR to mitigate various ageing issues such as Balance, Cognition and depression. I have contacts with European Network of Living Labs (ENoLL).	· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents
	10	羅世強 Shyh-Chyang	National Taiwan University	Department of Materials Science and Engineering	Associated Professor	Material Science		· To plan future cooperative research project
	11	賴美穎 Mei-Ying Lai	Tainan University of Technology	Bachelor's Degree Program in Leisure Regimen Management	Associate Professor	Life Sciences	Recent research focuses on the relationship between emotional labor and service quality in tourism industry.	· To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents
	12	徐正新 Cheng-Hsin Hsu	National Tsing-Hua University	Department of Computer Science	Associate Professor	Computer Science	We are computer engineers who work in the broad areas of multimedia networking, mobile computing, broadcast/wireless networks, distributed systems, Internet-of-Things (IoT), networked games, cloud/fog computing, and computer networks. Recently, we have looked into the smart home design for activity recognition with non-intrusive sensors. We feel this may be useful for senior care, as well.	· To plan future cooperative research project · To discuss future cooperation in international programs to nurture research talents · Others: Computer Science
	13	藍貫哲 Kuan-Che, Lan	National Tsing Hua University	Institute of Nuclear Engineering and Science	Assistant Professor	Material Science	The goals of my research group, Nuclear Engineering and Material Research Laboratory, are training highly qualified scientists and engineers, developing fundamental understanding for materials applied to the high temperature systems, such as the microstructural stability, mechanical properties and corrosion resistance of alloys in the field of nuclear and coal-fired power plants. These materials include Nickel-based superalloys, Zircalloys, and High-entropy alloys. Besides, the physical vapor deposition and Laser technologies are applied to improve the material performance in the in the severe environments.	· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
	14	練家齊 Jia-Chyi, Lien	National Taiwan Sport University	Graduate Institute of Sports Science	Postgraduate	Life Sciences		· To exchange information of Aging Research

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Matchmaking Group List (Group 3)	No	Name	Institution / University	Department	Position	Research Field	Research Focus	Interested Cooperation
Table Host	1	Ming-Long Yeh	National Cheng Kung University	Department of Biomedical Engineering	Professor and Chair	Life Sciences	1.Cartilage, Cornea and vascular Tissue Engineering 2.Biocompatibility testing for biomaterials 3.Degradable metal biomaterials 4.Orthopedic Biomechanics 5.Smart exercise system for elderly in community 6.Digital dentistry based on IOT	Cooperation Profile: · An intelligent exercise system for the elderly · Cell therapy in cartilage regeneration
Online Attendees from Japan	2	Masato Sone	Tokyo Institute of Technology	Institute of Innovative Research (IIR)	Professor	Material Science	Material Science for MEMS & Sensor and the Evaluation method	· To plan future cooperative research project · To discuss future cooperation in international programs to nurture research talents
	3	Toshiyuki Ikoma	Tokyo Institute of Technology	School of Materials and Chemical Technology	Professor	Life Sciences, Material Science		· To plan future cooperative research project
	4	Tomohiko Yamazaki	National Institute for Materials Science (NIMS)	Nanomedicine Group	Principal Researcher	Life Sciences, Material Science, Nanotechnology	Nucleotide acid-based immunostimulatory nanomedicine for vaccine adjuvant application.	· To plan future cooperative research project
	5	Tomoki Tanaka	The University of Tokyo	Institute of Gerontology	Project Researcher	Geriatric medicine and Gerontology (especially prevention of frailty and sarcopenia), Health management	Our recent study examines whether excessive measures for COVID-19 increase the risk of developing frailty. We used the data from frailty check-ups, and tested our objectives by comparing the differences in data before and after the request for self-restraint due to COVID-19. As a result, the health behaviors of community-dwelling older adults became worse before and after the request for restraint, and sarcopenia tended to be more progressive. We plan to continue this study.	Cooperation Profile: · Frailty Check-up program
Onsite Attendees from Taiwan	6	吳紹謙 Siau-Khiam, Goh	National Taiwan University	Graduate Institute of Civil Engineering	Postgraduate	Transportation		· To seek for cooperation in sharing advanced facilities and research materials
	7	黃俊仁 Chun Jen Huang	National Central University	Department of Biomedical Sciences & Engineering/ Department of Chemical & Materials Engineering	Associate Professor/Adjunct Associate Professor	Material Science	Biopolymers	· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
	8	江青桂 Ching-Kuei Chiang	Central Taiwan University of Science and Technology	R&D Office	Deputy Dean of R&D Office	Life Sciences	Aging research, such as dementia/disability care, and long-term care institution management	· To plan future cooperative research project · To exchange information of Aging Research
	9	張心儀 Hsin-Yi Chang	Taipei Medical University	Graduate Institute of Metabolism and Obesity Sciences, Graduate Institute of Cancer Biology and drug Discovery	Assistant Professor	Life Sciences	My lab studies fundamental biological questions by mass spectrometry-driven proteomics and metabolomics including quantitative proteomics, post-translational modifications (PTMs), protein-protein interactome, subcellular proteomics, and targeted/untargeted metabolomics.	· To discuss future cooperation in international programs to nurture research talents
	10	呂慧芳 Hui-Fang Lu	National Taiwan Normal University	Department of Health Promotion and Health Education	PhD student	Life Sciences		· To exchange information of Aging Research
	11	馬蘊華 Yunn-Hwa Ma	Chang Gung University	Department of Physiology and Pharmacology	Professor	Nanotechnology	nanomedicine; bio-nano interface; target therapeutics; nanopharmacology	· To seek for cooperation in sharing advanced facilities and research materials
	12	蘇蕙芬 Huey-Fen Su	National Pingtung University of Science and Technology	Department of Recreational Sport and Health Promotion	Associate Professor & Director	Life Sciences	The correlation between functional fitness and cognition of the elderly / National Pingtung University of Science and Technology ( NPUST )	· To plan future cooperative research project · To seek for cooperation in sharing advanced facilities and research materials
	13	楊小青 Hsiao-Ching Yang	Fu Jen Catholic University	R&D Office	Professor / Dean of R&D Office	Life Sciences	Small angle X-ray/ Neutron scattering guiding molecular dynamics simulations to the conformation ensemble with interactions of protein-protein /protein-MOF/bio-water and some optical probes.	· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
14	楊巧薇 Chiao-Wei,Yang	National Taiwan Sport University		Postgraduate	Life Sciences		· To plan future cooperative research project	

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Matchmaking Group List (Group 4)	No	Name	Institution / University	Department	Position	Research Field	Research Focus	Interested Cooperation
Table Host	1	Jong-Long Guo	National Taiwan Normal University	Department of Health Promotion and Health Education	Professor and Associate Dean	Substance use prevention and treatment, health promotion of middle-aged and elderly people, health promotion and education, meta-analysis	1.Disease health management robot 2.Three-dimension Virtual Reality Immersive Horticultural therapy 3.Three-dimension Virtual Reality Immersive Aromatherapy 4.Three-dimension Virtual Reality Immersive Drug Abuse Preventive Modules 5.Three-dimension Virtual Reality Immersive Smoke Preventive Modules	
Online Attendees from Japan	2	Yoshimitsu Sagara	Tokyo Institute of Technology	Department of Materials and Chemical Technology	Associate Professor	Mechanoresponsive Luminescence materials	Stimuli-responsive photofunctional materials based on supramolecular materials including liquid crystals, micelles, gels, and polymers and their practical applications. Now focusing on a variety of mechanoresponsive luminescent materials.	Cooperation Profile: · Sagara group can provide some mechanochromic luminescence compounds. Our potential partner can prepare hybrid materials by introducing such compounds into other materials.
	3	Hidetoshi Sekiguchi	Tokyo Institute of Technology	Department of Chemical Engineering	Professor and Associate Dean	Chemical & Energy Engineering	Sekiguchi's laboratory are focusing on researches include the development of innovative reaction processes for energy and environmental issues using plasma, ultrasound, and molten salts & metals.	· To discuss future cooperation in international programs to nurture research talents
	4	Seiji Kuroda	National Institute for Materials Science (NIMS)	Globan Program Office	Office Chief	Material Science	I am responsible for assisting international collaboration for NIMS researchers.	· To plan future cooperative research project · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
	5	Nobutaka Hanagata	National Institute for Materials Science (NIMS)		Executive Vice President	Life Sciences, Nanomedicine		· Coordination of possible cooperative research
Onsite Attendees from Taiwan	6	王瑜君 Yu-Juin, Wang (June)	European Innovation CoStudy CoWorking		Founder	social design, CoHousing, mental health, loneliness & isolation, Green Care	Dr. Yu-Juin Wang (June) is an evangelist of social innovation and an ecosystem enabler. She founded the <European Innovation CoStudy CoWorking> (EICC) project which aims to empower networking for social entrepreneurs across Taiwan and Europe. She has conducted post-doctoral research at Chalmers University of Technology in Goeteborg, Sweden. She frequently gives public talks on European culture and society and on topics related to social innovation and has translated several books in English and German into Chinese. She was an adjunct assistant Professor of Liberal Education at the Taipei Medical University (TMU), Taiwan.	· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials · Others: social design, CoHousing, mental health, loneliness & isolation, Green Care
	7	田筱榮 Hsiao-Rong Tyan	Chung Yuan Christian University	Applied Artificial Intelligence Program	Director	AI & IT		· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · Others: AI&IT
	8	曾建銘 Chien-Ming Tseng	Central Taiwan University of Science and Technology	Department of Management Information Systems	Assistant Professor	Information systems planning, Business model development	I major in management information systems and business management. Currently implementing the time bank plan of the Ministry of Health and Welfare.	· To seek for cooperation in sharing advanced facilities and research materials
	9	陳豐文 Fong-Wen, Chen	National Taiwan Normal University	Department of Health Promotion and Health Education	PhD student	Life Sciences	To evaluate the effect of exercise on prevention of aging-related weakness	· To plan future cooperative research project · To exchange information of Aging Research · To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
	10	劉豫川 Yu-Chuan, Liu	Taipei Medical University	Department of Biochemistry and Molecular Cell Biology, Graduate Institute of Medical Sciences	Professor	Life Sciences		· To plan future cooperative research project · To exchange information of Aging Research · To seek for cooperation in sharing advanced facilities and research materials
	11	熊正一 Joel Shon	Tainan University of Technology	R&D Office	Dean of R&D Office	Life Sciences		· To plan future cooperative research project
	12	吳行浩 Hsing-Hao Wu	National University of Kaohsiung	International Affairs Office	Dean of International Affairs	Life Sciences		· To discuss future cooperation in international programs to nurture research talents · To seek for cooperation in sharing advanced facilities and research materials
	13	衛沛文 Jackson Pui Man Wai	National Taiwan Sport University	Graduate Institute of Sport Science	Professor	Life Sciences	The Laboratory of Exercise Physiology Research at the National Taiwan Sport University emphasizes physical activity research and implementation for all ages, particularly older ages and people with clinical issues, including frailty, sarcopenia, type 2 diabetes, obesity, low bone density, and low cardiorespiratory functions.	· To exchange information of Aging Research
14	雷宗憲 Tsung-Hsien, Lei	National Taiwan Sport University		Postgraduate	Life Sciences	The relationship between explosive power and activity of elderly	· To exchange information of Aging Research	