



Global Situation of Regenerative Medical Engineering



2nd GRGLMM International Symposium

Hybrid Holding, October 19th, 2022, Toyama, Japan



Japan Society for Technology of Plasticity, Nano/Micro manufacturing Subcommittee
Japan Society for Technology of Plasticity, Biomedical materials Subcommittee

• Focusing on

Medical Regeneration Engineering, Cell Technology, Surface Engineering, Magnesium Alloy, Titanium Alloy, PGA

• Log in at 10:30 ~

Session Chair: Prof. Tomomi Shiratori (University of Toyama)

11:00-12:00 Prof. Steve Schmid (University of North Carolina Charlotte, US)

“Current Advancement on the Application of Ceramics to Medicine

12:00-13:00 <Lunch>

13:00-13:45 Prof. Mamoru Mabuchi (Kyoto University, Japan)

“Advanced Cell-Technology with Aid of First Principal Calculation”

13:45-13:50 <Break>

13:50-14:35 Prof. Yoshinori Yoshida (University of Gifu, Japan)

“Recent Advancement of Medical Engineering in Japan”

14:35-14:45 <Break>

Session Chair: Prof. Tohru Sasaki (University of Toyama)

14:45-15:30 Prof. Tatsuhiko Aizawa (Surface Engineering Design Laboratory, Japan)

“Micro-/Nano-Texturing for Regeneration Medical Treatments”

15:35-15:40 <Break>

15:40-16:10 Prof. Kuniaki Dohda (Northwestern University, US)

“New Function of Micro-/Nano- Texture Surfaces”

16:10-17:30 Round table discussion Prof. Kuniaki Dohda (Northwestern University, US)

“Future Trend in Medical Regeneration Technologies.

Topics 1: Antibacterial Action by Using Fine-Grained Material (Dr. Takafumi Komatsu)

Topics 2: Micro Deep Drawing Process for Manufacturing Stent (Prof. Tomomi Shiratori)

Topics 3: Mechanical Cutting of the Micro-Mg Screw (Shirou Suzuki)

Topics 4: Applications and the Problem of Human Dried Amnion Membrane (HD-AM)

as Biomedical Material (Prof. Toshiko Yoshida)

• Organizing Committee

General Chair : Prof. Kuniaki Dohda (Northwestern University, US)

Co-Chairs : Prof. Norio Takatsuji (University of Toyama, Japan),
Dr. Sotohiro Takabayashi (Toyama Industrial Tech. Research and Development Center, Japan)

Executive Committee

Chair	Tomomi Shiratori (University of Toyama, Japan)	
Members	Toshiya Shibayanagi (University of Toyama, Japan)	Noriyasu Oguma (University of Toyama, Japan)
	Tohru Sasaki (University of Toyama, Japan)	Tatsuhiko Aizawa (Surface Engineering Design Laboratory, Japan)
	Takashi Matsumura (Tokyo Denki University, Japan)	Yasuo Marumo (Kumamoto University, Japan)
	Yoshinori Yoshida (University of Gifu, Japan)	Tsuyoshi Furushima (University of Tokyo, Japan)
	Ikumu Watanabe (National Institute for Materials Science, Japan)	Akiko Yamamoto (National Institute for Materials Science, Japan)
	Sathyan Subbiah (Indian Institute of Technology Madras, India)	Numpon Mahayotsanun (Khon Khen University, Thailand)
	Sukunthakan Ngermbamrung (MTEC, Thailand)	Chong Tyan Lin (Metal Industries R&D Centre, Taiwan)
	Antony H. C. Lee (Metal Industries R&D Centre, Taiwan)	Tatsuya Funazuka (Secretary, University of Toyama, Japan)

• Participation Fees

Web	Participants: JPY 20,000	Students: JPY 10,000
On-site	Participants: JPY 10,000	Students: JPY 5,000

• Co-sponsored Company

Nanofunction Lab. LLC.

合同会社ナノ機能研究所

We are looking for other sponsoring companies. Please contact the secretary for more information.

Contact

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• Bank Account (Domestic):

BANK AND BRANCH : 北陸銀行五福支店 (Bank No. : 0144, Branch No. : 140)

ACCOUNT NAME : グローバルリサーチグループオンラインメタルマニュファクチュアリング

ACCOUNT NO. : 6088337

• Bank Account (From Out of Japan):

BANK : The Hokuriku Bank, LTD.

SWIFT : RIKB JP JT

BRANCH : Gohuku Branch

ADDRESS : Gohuku 3393-2, Toyama city, Toyama, 930-0887, Japan

ACCOUNT NAME : Global Research Group on Light Metal Manufacturing

ACCOUNT NO. : 0144-140-6088337