

September 2, 2024

**Yamaguchi University and Central Glass Establish
Department of Tissue Regenerative Medicine
— Aiming to Develop Groundbreaking Regenerative Medical Products**

On September 1, 2024, Central Glass Co., Ltd. established Department of Tissue Regenerative Medicine at Yamaguchi University, and began full-scale joint research.

As a new initiative in the life sciences, we are collaborating with Yamaguchi University to develop groundbreaking regenerative medical products using cryopreserved allogeneic fibroblast cell sheets.

These cell sheets feature high cell viability after freezing and thawing. Transplanting these cell sheets into patients promotes tissue regeneration at the affected area, and they are anticipated to be highly effective in the treatment of refractory leg ulcers, tissue regeneration treatments at suture sites, and other applications in the surgical field. Additionally, cryopreserving cell sheets produced from allogeneic cells (cells from healthy donors other than the patient) enables a sufficient stock of cell sheets to be secured and a flexible supply to be maintained to suit surgery schedules, potentially reducing manufacturing costs and greatly improving convenience.

In June 2024, this research and development was selected for the FY2024 Yamaguchi prefectural subsidy program for the promotion of practical application and industrialization of regenerative medicine and the Ube city subsidy program for the promotion of advanced research and development and practical application of regenerative medicine.

To continue contributing to the healthy lives of people around the world, we aim for the early practical application of these cell sheets by promoting research and development through strong collaboration among industry, academia, and government.

<Outline of Joint Research Course>

- Title: Department of Tissue Regenerative Medicine
- Period: September 1, 2024 – August 31, 2027
- Location: Faculty of Medicine and Health Sciences (Kogushi Campus), Yamaguchi University
- Faculty members: Yamaguchi University Graduate School of Medicine,
Professor Kimikazu Hamano, Assistant Professor Koji Ueno, Department of
Surgery and Clinical Science
Professor Taro Takami, Associate Professor Toshihiko Matsumoto,
Department of Gastroenterology and Hepatology
- Co-researcher: Central Glass New-STEP Research Center

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