

StemRIM Announces the First Administration of Global Late Phase 2 Clinical Trials for Redasemtide (HMGB1 Peptide) Targeting Acute Ischemic Stroke (Japan)

Osaka, Japan, July 31, 2023 – StemRIM Inc. (TSE: 4599, Chairman and CEO: Kensuke Tomita; “StemRIM”) announced that Shionogi & Co., Ltd. (TSE: 4507, Chief Executive Officer: Isao Teshirogi, Ph.D.) has notified us that the first patient has been administered of the global late phase 2 clinical trial for Redasemtide targeting acute ischemic stroke in Japan.

This clinical trial is a global late phase 2 clinical trial, planned to be conducted in 19 countries worldwide, including Japan, the United States, and Europe. It aims to evaluate the effectiveness and safety of administering Redasemtide to 627 patients with acute ischemic stroke, aged 18 years and above, within 25 hours of symptom onset. For further details, please refer to the disclosure made by Shionogi on April 10, 2023, titled "Initiation of a Global Late Phase 2 Clinical Trial of the Regeneration-Inducing Medicine™ Redasemtide in Patients with Acute Ischemic Stroke”.

This matter is progressing as planned, and it will not have any impact on the financial results for the fiscal year ending on July 31, 2023.

About StemRIM Inc.

StemRIM Inc. is a biotech venture which began at Osaka University with the goal of realizing a new type of medicine called "Regeneration-Inducing Medicine™". The overall aim is to achieve regenerative therapy effects equivalent to those of regenerative medicine, solely through drug administration, without using living cells or tissues. Living organisms have inherent self-organizing abilities to repair and regenerate tissues that have been damaged or lost due to injury or disease. This ability arises from the presence of stem cells in the body that exhibit pluripotency i.e., can differentiate into various types of tissues. When tissues are damaged, these cells therefore exhibit proliferative and differentiative capabilities, promoting functional tissue regeneration. "Regeneration-Inducing Medicine™" is aimed at maximizing the tissue repair and regeneration mechanisms already present in the body. With this aim, StemRIM is currently developing one of its most advanced regenerative medicine products. Specifically, this product is designed to release (mobilize) mesenchymal stem cells from bone marrow into the peripheral circulation upon administration, thus increasing the number of stem cells circulating throughout the body and promoting their accumulation in damaged tissues. Here, these stem cells should accelerate tissue repair and regeneration.

Certain disease areas expected to benefit from "Regeneration-Inducing Medicine™" include epidermolysis bullosa (EB), acute phase cerebral infarction, cardiomyopathy, osteoarthritis of the knees, chronic liver disease, myocardial infarction, pulmonary fibrosis, traumatic brain injury, spinal cord injury, atopic dermatitis, cerebrovascular disease, intractable skin ulcers, amyotrophic lateral sclerosis (ALS), ulcerative colitis, non-alcoholic steatohepatitis (NASH), systemic sclerosis, and any other areas where treatment with extrapulmonary mesenchymal stem cells is promising.

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For more information, please visit the StemRIM website (<https://stemrim.com/english/>)