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RIMAN announces sponsored research agreement to advance Araliadiol using Organ-on-a-Chip technology in Korea

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To reinforce position as a distinctive natural-origin ingredient in the global K-beauty industry



ASK Company, the parent company of RIMAN, has entered into a sponsored research agreement with Mitragotri Laboratory at the Harvard John A. Paulson School of Engineering and Applied Sciences to validate the functionality and effectiveness of its proprietary ingredient, Araliadiol, derived from Giant BYoungPool™.

Araliadiol is a novel active compound identified through ASK Company's proprietary extraction and purification technology from Giant BYoungPool™, RIMAN's signature heritage ingredient. It has demonstrated multiple biological benefits even at low concentrations, including anti-inflammatory effects, antioxidant activity through the reduction of reactive oxygen species, and overall skin improvement.

To validate its efficacy, ASK Company has built a collaborative research network with leading Korean institutions. Through joint studies with Sungkyunkwan University and Konkuk University, the company has elucidated its mechanism of action and confirmed strong cell-protective effects and differentiated efficacy. In addition, a synthetic production process for pure Araliadiol has been developed, supporting its scalability and safety as a next-generation cosmetic ingredient.

Building on these results, ASK Company has entered into a sponsored research collaboration with the Mitragotri Lab to advance fundamental understanding of the function and action of Araliadiol.

The collaboration will leverage organ-on-a-chip technology, a biomimetic platform that replicates human physiological environments on microchips, enabling understanding of biological responses. Using this model, the research team will evaluate Araliadiol with a focus on skin regeneration and hair growth through follicular cell activation.

Image caption- RIMAN Founder & Chairman Joonghyun Ahn and Dr Jiwon Seo at the Harvard Science and Engineering Center with Professor Samir Mitragotri