

Notice of press release for “Kori-tofu protects the muscles of elderly people and astronauts”

Details of the joint research of Asahimatsu Foods Co., Ltd. (Headquarters: Osaka City and Iida City, CEO: Hirotaka Kinoshita) and Tokushima University (Professor Takeshi Nikawa) will be announced at the general meeting of the Federation of Kori-Tofu Industrial Association, to which Asahimatsu Foods belongs. They have presented the health functionality of Kori-tofu (cholesterol lowering and diabetes improvement effect) and the reason why Kori-tofu contains a large amount of resistant protein, which is considered to be a factor. This year, we have invited Dr. Takeshi Nikawa of Tokushima University to give a lecture on the latest topics as follows.

Date: 21st May 2024 [Tue]
Time: 13:00-14:00
Location: HOTEL METROPOLITAN Nagano
1346 Minamiishi Dou-cho, Nagano,
Nagano 380-0824, Japan
2F “Chikuma”

In the animal experiment, nerve transection (disuse muscle atrophy model) treatment in the casein diet group, which is a representative of a common diet, increased the Atrogin-1 gene expression than in an untreated (Sham) group. It showed that the muscle decomposition occurs. On the other hand, it was found that the increase in Atrogin-1 gene expression level due to Den treatment was significantly suppressed in the Kori-tofu diet group. This suggests that Kori-tofu protein has anti-muscle atrophy effects. Additionally, it is rich in minerals such as iron and calcium. Therefore, it may be a useful functional food that can prevent muscle atrophy and osteoporosis caused by microgravity during long-term stays in space and bedridden.

*This press conference will be streamed live online. If you would like to participate online, apply by email.

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