



Mock Meat? Ambiguity in vegetarianism

Ms. Katayama

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Abstract Current world-trend in the healthy human life focuses the functional foods and beverages with safety. Kochi is one of the most famous primary industry prefectures, shipping its marine and agriculture products in Japan. We have been focusing on producing safe and healthy products, especially functional foods and beverages to prevent a rise in medical expense. In 1989, prefectural government established the first Deep-seawater (DSW) laboratory in Muroto city in Japan, having unique steep seafloor topography, and subsequent various studies started. We are now challenging to develop new functional products using DSW with scientific evidences.

The utilization of DSW is expanding to various fields such as energy, agriculture, food, cosmetic and public health. Particularly, in the future standpoint of creation of value-added DSW, clinical study is an exclusive research to clarify whether drinking refined-deep-seawater (RDSW) produced from DSW collected in Muroto offshore (Kochi) is efficacy and safety in living body. The extensive beneficial effects of drinking RDSW were previously reported based on clinical studies (1-5). However, the function and mechanism in which RDSW exerts such diverse beneficial health effects on human body are unclear. Thus, clinical study was performed by the industry-academia-government collaboration project.

Biography:

This study was performed by Industry-academia-government collaboration as Kochi project in Japan. We deeply appreciate everybody supported this project.

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Publications:

1. Evaluating the Mechanical Properties of Admixed Blended Cement Pastes and Estimating its Kinetics of Hydration by Different Techniques
2. Genetic Diversity Using Random Amplified Polymorphic DNA (RAPD) Analysis for *Aspergillus niger* isolates
3. Au-Ag-Cu nanoparticles alloys showed antifungal activity against the antibiotics-resistant *Candida albicans*
4. Induce mutations for Bavistin resistance in *Trichoderma harzianum* by UV-irradiation
5. Biliary Sludge. Analysis of a Clinical Case

Validation of the refined-deep-seawater for human health care by Kochi project based on Industry-academia-government platform in Japan

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