

Research results show that Cordyceps sinensis protects against lung damage caused by coronavirus and has anti-inflammatory effects

» Reporter Park Jae-gyun | » Approved 2022.11.08 13:32

Bioara, a company specializing in Cordyceps sinensis, presented at the Korean Society of Herbal Medicine conference

Now that the number of confirmed cases has exceeded 60,000 due to the resurgence of COVID-19 (11/8), the research results of the natural material Cordyceps sinensis published last week are attracting attention.

The results of research on Cordyceps sinensis as a substance for overcoming infectious diseases were announced at the '53rd Annual General Meeting and Academic Conference of the Korean Society of Herbal Medicine (Chairman Yunsil Lee)' held at the ECC of Ewha Womans University on the 3rd and 4th.

Bioara, a company specializing in the research, development and production of Cordyceps sinensis, announced on the same day that its self-developed Ara 301 Cordyceps sinensis extract suppressed the infiltration of inflammatory cells into lung tissue and showed lung damage protection and anti-inflammatory effects through its immune regulation effect.



Kim Hyo-jeong, CEO of Bioara, presenting the results of research on Cordyceps sinensis substances to overcome infectious diseases.

Kim Hyo-jeong, CEO of Bioara, who was the presenter, said, "Through the functional evaluation of Ara 301 Cordyceps sinensis extract conducted by the Korea Institute of Oriental Medicine, we have established scientific evidence for its protection against lung damage caused by infectious diseases, anti-inflammatory, immune regulation, and anti-diabetic effects. "Ara 301 Cordyceps sinensis has been proven to improve immunity, anti-inflammatory properties,

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"It is a self-developed variety that contains high amounts of cordycepin, adenosine, and beta-glucan, which have excellent anti-diabetic effects." In the main experiment, the test substance, Ara 301 Cordyceps sinensis extract, was used to treat acute lung disease induced by lipopolysaccharide (LPS). In an inflammation model, it was confirmed that the concentration of 100 mg/kg inhibits the infiltration of inflammatory cells in lung tissue, and it was shown to suppress inflammation and tissue damage caused by LPS by blocking the expression of proteins related to the inflammatory response.

Concluding his presentation, CEO Kim said, "To fight against infectious respiratory diseases such as COVID-19, we are discovering complex materials that can protect against lung damage, enhance immunity, as well as take care of inflammation and diabetes," adding, "The scientific basis for Cordyceps sinensis." "I hope that this will become an effective treatment alternative for patients with infectious diseases at home and abroad," he said.

Meanwhile, the Korean Herbal Medicine Society has been active since 1969 as an organization established to pursue the uniqueness of Korean medicine, promote the scientificization of herbal medicine, systematize ginseng science, and promote ties with foreign academic societies and exchange academic information. The 51st president, Professor Yunsil Lee, is currently a professor in the Department of Pharmacy at Ewha Womans University.

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