

VeCollal® increases collagen production by 134,97%

VeCollal® is a vegan, sustainable and allergen-free alternative to popular animal-sourced collagen supplements. Formulated and developed in collaboration with Dr. Josué Jiménez Vázquez, PhD in biomaterials and tissue engineering, the efficiency of VeCollal® and its ingredients are scientifically backed by over 70 independent studies.

In Q4 of 2021, we conducted our first clinical trials, in collaboration with TCI co.Ltd, the global CDMO manufacturer. We are incredibly pleased to share the results from the in vitro study, which was performed using cell culture and analysing the collagen content synthesised by the cells in the medium.

To demonstrate the effectiveness of VeCollal®, human skin fibroblasts were used (the main cell types involved in collagen synthesis). Different concentrations of VeCollal® were tested in the culture medium and compared against the collagen expressed with cells without treatment (MOCK), under supervision of Dr. Tai-Wen Lin, R&D responsible at TCI. Our results showed that the VeCollal® formulation, at a concentration of 10 mg/ml, induces the synthesis of new collagen in the cells.

After two days, the treatment with VeCollal® **more than doubled (+134.97%) the collagen production** in fibroblasts compared with the control.

These results validate the efficacy of VeCollal® in the synthesis induction of new human type I collagen using only vegan, plant-based sources.

The results of this in vitro trial will soon be published.

