

Classification of salmon cells from cell culture of *Oncorhynchus kisutch* (coho salmon) as a novel food

Food and Nutrition

Date: 18.03.2025

The Federal Office for Food Safety and Veterinary Affairs (FSVO) has received a request for classification of salmon cells from cell culture of *Oncorhynchus kisutch* (coho salmon) as a novel food.

The food in question is obtained by cell culture of non-genetically modified muscle cells derived from juvenile coho salmon (*Oncorhynchus kisutch*). This food is intended to be used as an animal-based alternative to salmon fillets in raw, cured, or smoked forms.

The FSVO has reviewed the submitted documents and assessed the status of the salmon cells derived from cell culture of *Oncorhynchus kisutch* (coho salmon). The documents show that this food was not used for human consumption to a significant degree in either Switzerland or an EU Member State before 15 May 1997 and, in accordance with Article 15 para. 1 of the Ordinance on Foodstuffs and Utility Articles (FUAO; SR 817.02), therefore falls within the definition of a novel food, and in particular within the category:

"Foodstuff consisting of, isolated from or produced from cell or tissue cultures obtained from animals, plants, microorganisms, fungi or algae" (Art. 15 para.1 let. f FUAO).

Salmon cells from cell culture of *Oncorhynchus kisutch* (coho salmon) are therefore subject to the novel food authorization requirement under Article 17 FUAO.