



Extraction of collagen and gelatine from invasive toxic pufferfish specie *Lagocephalus scalaratus* in Mediterranean sea (Iskenderun Bay) and their possible uses in different sectors.

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Abstract:

The opening-up of the geographical barriers such as the Suez canal, combined with climate change and increasing sea water temperatures bring marine species in new environments such as the invasion of toxic pufferfish specie *L. scalaratus* in Mediterranean sea and especially in Iskenderun Bay where it is totally considered as a waste material. For some years, converting fish processing by-products and waste products into new value-added products or biomolecules has become a commercially important research area. Recently, the pathological risk of mammalian collagen is pinpointed in term of transmitted diseases and the product is banned in several countries for sosio-cultural reasons. The present study describes how to extract, characterize and evaluate different uses of marine collagen from *L. scalaratus* pufferfish specie in Iskenderun Bay.



Biography:

Yasmin Yıldız has completed his masters in Iskenderun Technical University, Turkey. The major mataram city had a principle of many pollutan in city sweep by Prevention Pay and tobe zero waste, Re think, Re used, Recicle

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