

Bioactive peptides recovery from agrifood industry waste

The objective of the project is to investigate and understand the generation of food industry side stream materials in each participating country with the purpose of selecting the most suitable ones for obtaining active peptides and natural products (NPs) with high bioactivity and/or functionality.

PARTNERS



UNIWERSYTET PRZYRODNICZY WE WROCŁAWIU

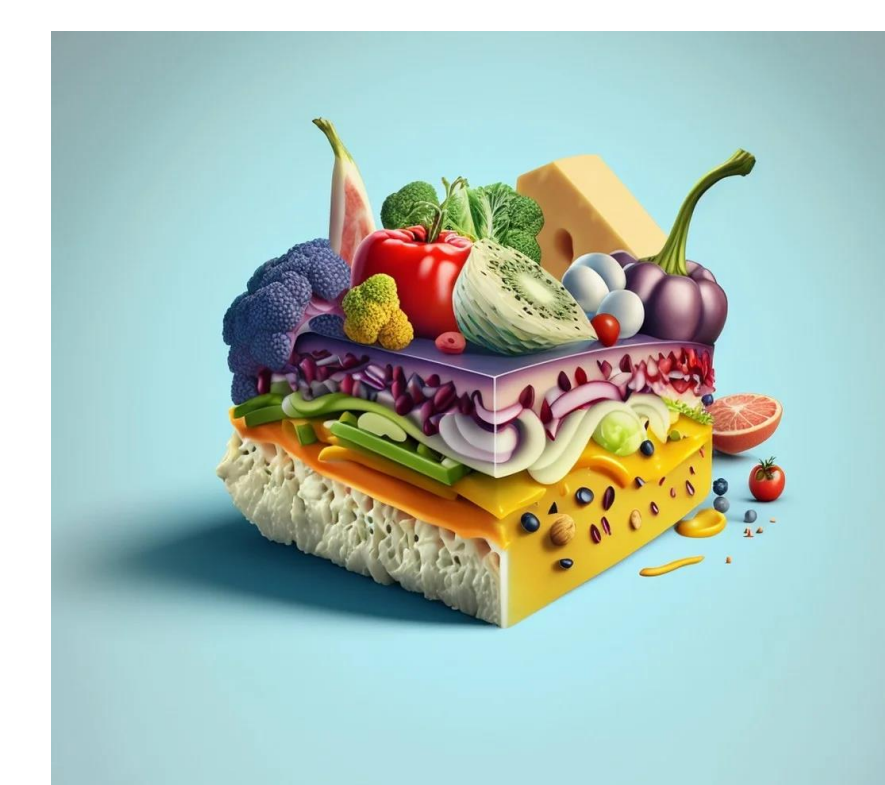
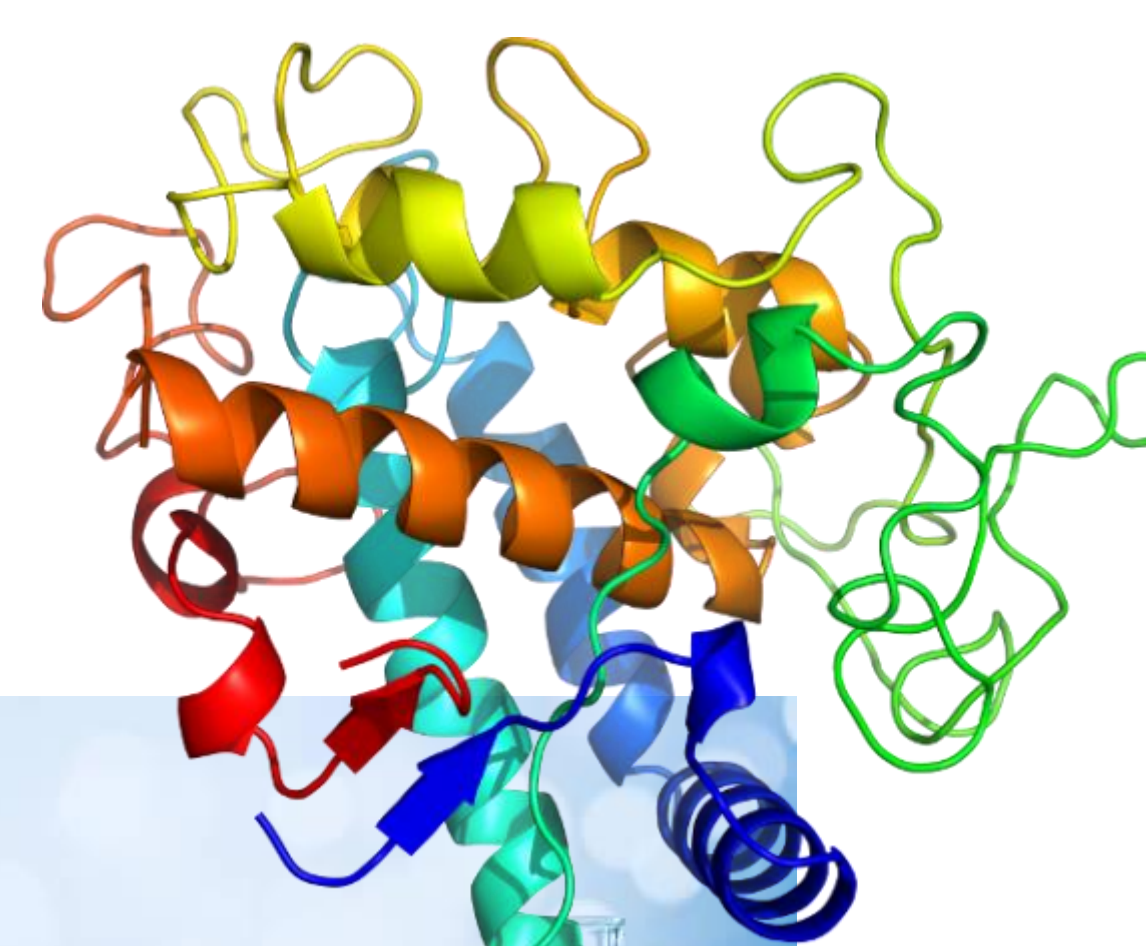


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Challenges and goals

1. Understanding and evaluating the types of side streams for valorization in each participating country.
2. Recognition of protein/natural products composition in selected food industry side streams.
3. Finding the best strategies for peptides/proteins recovery and their characteristics.
4. **New joint project proposal: training for Horizon Europe.**



Main drivers of the AGRIBIOPEP



protein sources diversification

Farm to Fork = fair, healthy, and environmentally friendly food system = **Green Deal**

sustainable and environmentally friendly production based on a circular economy, waste reduction via innovative solutions, recycling agricultural and agri-food side streams

the use of low-cost natural alternative sources => to achieve zero waste, systemic sustainability => **the Sustainable Development Goals (SDGs)**

biopeptides (innovative technologies) => higher yield and lower costs and environmental impact