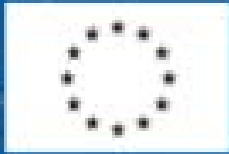


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Food-based carriers for the delivery of pancreatic enzymes to elderly for restoring digestion and tackling malnutrition

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Host institution

Joint Research Unit French National Institute for Agricultural Research (INRA)-AGROCAMPUS OUEST

Research unit

Science and Technology of Milk and Eggs (STLO)

Initially designed to nourish, milk and egg components have become **infinite sources for innovation**. The “Science and Technology of Milk and Eggs” research unit (STLO) takes part in this adventure — with passion.



Fellow

PhD, *Food Science*, University of Tehran, Iran.

- Six months research trainee in the Biochemistry Department of University College Cork, Cork, Ireland (2009).
- Editorial Board member of *Journal of Dairy Research* (Cambridge University Press) since 06/2017.
- Editorial Board member of the journal *Food Chemistry* (Elsevier) since 06/2017.
- Special Issue Editor of the journal *Gels* (MDPI, Switzerland), 2018. Issue title: Protein and peptides-based smart hydrogels.
- Google scholar » total citations: 1728; h-index: 24; i10-index: 50.

- Mentor

DIDIER DUPONT - Deputy-Director of STLO and Head of the Bioactivity and Nutrition Team

Project introduction

European population is ageing. It is estimated that the proportion of old population (individuals aged >65 years) will grow from 16% in 2010 to 29% by 2060.

Malnutrition is correlated with morbidity and mortality of elderly people.

Malabsorption of nutrients due to pancreatic insufficiency is amongst the reasons that cause weight loss in the elderly and several human trials have clearly established that the pancreatic exocrine secretion does decline in advanced age.

This project aims at developing semi-solid foods and beverages specifically dedicated to deliver pancreatic secretions and highly nutritive proteins to tackle elderly malnutrition.

THANK YOU