

CURRICULUM VITAE

Full Name: Liliya IvanovaVinarova

Personal status: Married + 1

Articles in JCR journals: 4

Total citations: 18 (Google scholar)

h-index: 3 (Google scholar)

Institution: Department of Chemical and Pharmaceutical Engineering

Official website: <https://dce.uni-sofia.bg/>

University website: <https://www.uni-sofia.bg/index.php/eng>

ACADEMIC DEGREES

2015 PhD Chemistry (Lipid digestion), Faculty of Chemistry and Pharmacy, Sofia University, Bulgaria

2010 M. Sc. Chemistry, Faculty of Chemistry, Sofia University, Bulgaria

2008 B. Sc. Chemistry, Faculty of Chemistry, Sofia University, Bulgaria

ACADEMIC APPOINTMENTS

2008 – Research associate, Department of Chemical and Pharmaceutical Engineering, Faculty of Chemistry and Pharmacy, Sofia University, Bulgaria

RESEARCH INTERESTS

In-vitro modelling of gastro-intestinal tract, lipid digestion and bioaccessibility of hydrophobic bioactives

Biosurfactants: saponins, proteins

Enzyme-surfactant interactions

TEACHING EXPERIENCE

2013 – 2016 ДПН, Bachelor (practical exercises)

PUBLICATIONS

Thesis

2015 In vitro studies of factors affecting cholesterol solubilisation in the digestive tract

Papers in professional journals (indexed in JCR):

1. Mechanism of Lowering Cholesterol Absorption by Calcium Studied by In Vitro Digestion Model. **L. Vinarova**, Z. Vinarov, S. Tcholakova, N. D. Denkov, S. Stoyanov, A. Lips. Food & Function 7 (2016) 151–163.

2. Lowering of Cholesterol Bioaccessibility and Serum Concentrations by Saponins: in Vitro and in Vivo Studies. **L. Vinarova**, Z. Vinarov, V. Atanasov, I. Pantcheva, S. Tcholakova, N. Denkov, S. Stoyanov. *Food & Function* 6 (2015) 501–512.
3. Mechanisms of Cholesterol and Saturated Fatty Acid Lowering by *Quillaja saponaria* Extract, Studied by in vitro Digestion Model. **L. Vinarova**, Z. Vinarov, B. Damyanova, S. Tcholakova, N. Denkov, S. Stoyanov. *Food & Function* 6 (2015) 1319–1330.
4. In vitro study of triglyceride lipolysis and phase distribution of the reaction products and cholesterol: effects of calcium and bicarbonate. Z. Vinarov, **L. Petrova**, S. Tcholakova, N. Denkov, S. Stoyanov, A. Lips, *Food & Function* 3 (2012) 1206-1220.