Personal information

Name and surname: **DUMITRAŞCU P. LOREDANA**

Date and place of birth: July the 19th 1982, Galati

Present academic position: Lecturer, „Dunarea de Jos" University of Galati, Faculty of Food Science and Engineering

Address: Domneasca St. 111, E/304, cod 800201, Galati

E-mail: loredana.dumitrascu@ugal.ro

Education

2008-2012: PhD, „Dunarea de Jos" University of Galati

2008-2009: Post-graduation qualification in Pedagogy, „Dunarea de Jos" University of Galati

2006-2008: MSc in Food Control and Expertise, „Dunarea de Jos" University of Galati

2001-2006: BS in Food Control and Expertise, Faculty of Food Science and Engineering, „Dunarea de Jos"University of Galati

1997-2001: Baccalaureate, Petru Poni High School, Roman

Profesional experience

since 2015: Lecturer, „Dunarea de Jos" University of Galati

2013-2015: Assistant, „Dunarea de Jos" University of Galati

Oct-nov 2011 Fellowship Faculty of food technology, Agricultural University of Athens

Oct 2010- III Training school on bioencapsulation, Nantes, France

2009 – Fellowship BioVision.Nxt Programme, The World Life Sciences Forum, Lyon, France

2008-2012: Teaching Assistant, „Dunarea de Jos" University of Galati

Research interests

Food quality and management, dairy technology

Selected publications

Ciuciu, A.M., Aprodu, I., **Dumitraşcu, L.,** Bahrim, G., Alexe, P., Stănciuc, N., (2015) Exploring the heat-induced structural changes of β-lactoglobulin -linoleic acid complex by fluorescence spectroscopy and molecular modeling techniques, *Journal of the Food Science and Technology,* DOI 10.1007/s13197-015-1949-2, Factor de impact -2.024;

Dumitraşcu, L., Stănciuc, N., Ciumac, A., Bahrim, G., Aprodu, I. (2015). pH and heat-dependent behaviour of glucose oxidase down to single molecule level by combined fluorescence spectroscopy and molecular modeling, *Journal of the Science of Food and Agriculture,* Factor de impact -1.879;

Ciuciu, A.M., Stănciuc, N., Aprodu, I., **Dumitraşcu, L.,** Bahrim, G., Alexe, P., (2015) Probing thermal stability of the <beta>-lactoglobulin-oleic acid complex by fluorescence spectroscopy and molecular modeling, *Journal of Molecular Structure,*1095,26-33, Factor de impact -1.599;

Dumitraşcu, L., Stănciuc, N., Aprodu, I., Ciuciu, A.M., Alexe, P., Bahrim, G, (2015). Monitoring the heat-induced structural changes of alkaline phosphatase by molecular modeling, fluorescence spectroscopy and inactivation kinetics investigations, *Journal of the Food Science and Technology*, 52, 10, 6290-6300, Factor de impact -2.024;

Gitin, L., Neagu, C., **Dumitraşcu, L**., Dinică, R., (2014). Sulphur compounds Identification and quantification from Allium ssp- fresh leaves, *Journal of Food and Drug Analysis*, 22(4), 425-430, Factor de impact -0.333;

Dumitraşcu, L., Stănciuc, N., Stanciu, S., Râpeanu, G., (2014). Inactivation kinetics of alkaline phospatase from different species of milk using quinolyl phosphate as a substrate*, Korean Journal of Food Science and Biotechnology*, 23(6): 1773-1778, Factor de impact -0.668;

Aprodu, I., Stănciuc, N., **Dumitraşcu, L.,** Stanciu, S., Râpeanu, G., (2014). Investigation towards understanding the thermal denaturation of lactoperoxidase, *International Dairy Journal*, 38, 47-54, Factor de impact -2,8;

Dumitraşcu, L., Moschopoulou, E., Aprodu, I., Stanciu, S., Râpeanu, G., Stănciuc, N., (2013). Assessing the heat induced changes in major cow and non-cow whey proteins conformation on kinetic and thermodynamic basis, *Small Ruminant Research*, 111, Issues 1–3, 129–138, Factor de impact -1.124;

Dumitraşcu L., Stănciuc N., Stanciu S., (2013). The effect of heat treatment on γ -glutamyl transferase activity in non-bovine and bovine milk, A comparative kinetic and thermodynamic investigation, *LWT-Food Science & Technology*, 51(1), 325-330, Factor de impact -2.54;

Dumitrascu L., Stănciuc N., Stanciu S., Râpeanu G., (2012) Thermal inactivation of lactoperoxidase in goat, sheep and bovine milk – A comparative kinetic and thermodynamic study, *Journal of Food Engineering,* vol. 113(1), 47-52. Factor de impact -2.414;

Stănciuc N., **Dumitrascu L.,** Râpeanu G., Stanciu S., (2011) γ-Glutamyl transferase inactivation in milk and cream: A comparative kinetic study, *Innovative Food Science and Emerging Technologies* vol. 12, 56–61. Factor de impact – 3.030;

Stănciuc N., **Dumitrascu L.,** Ardelean A., Râpeanu G., Stanciu S, (2011) A Kinetic Study on the Heat-Induced Changes of Whey Proteins Concentrate at Two pH Values, *Food and Bioprocess Technology*, Factor de impact - 3.703.

Selected research grants

2013-2014 OC/EFSA/DCM/2013/01-CT03 nr.inreg 14863/19.06.2013, Director de proiect Conf. dr. ing. Cornelia Tudorie

2009-2013 - Programul operaţional regional 2007-2013 - *Reabilitarea, modernizarea, retehnologizarea şi reechiparea infrastructurii educaţionale universitare în vederea creării, la Galaţi, a unui pol de educaţie şi de cercetare tehnologică în domeniul ştiinţei şi ingineriei alimentelor* – RE-SPIA, **Axa Prioritară 3, domeniu major de intervenţie 3.4.**, Director de proiect Prof. dr. ing. Daniela Borda;

2010-2012 - Action with multiple Beneficiaries *for* Cooperation in Higher Education and Vocational Training, **EU-US** ATLANTIS Programme, Policy Oriented Measure, Agreement no.

2010-2847/001-001-CPT EU-US, ***Tuning and Upgrading the Food Safety Education Curricula for BSc*** (**Tu-Be-Safe)** acronim Tu-Be-Safe, Director proiect Prof. dr. ing. Daniela Borda;

2009-2011, Proiect PN II, Program Idei, cod CNCSIS 517, tema 1, *Cercetari privind stabilirea unor sisteme analitice de trasabilitate a laptelui si produselor lactate in vederea alinierii produselor romanesti la cerintele europene de siguranta alimentara;* Director de proiect Prof. dr. ing. Nicoleta Stănciuc, www.trasilact.ugal.ro.

2009-2011, **Proiect PNII, Program Idei, 52-132/2008 cod CNCSIS**, tema *Strategii de reducere a contaminării cu micotoxine în vederea obţinerii de produse de panificaţie cu conţinut ridicat de fibre*; Director de proiect Prof. dr. ing. Iuliana Banu www.fibresig.ugal.ro