



Institution	University of Josip Juraj Strossmayer Osijek
Faculty/Department/Laboratory	Faculty of Food Technology/Department of Food Technology/Subdepartment of Carbohydrate Technology
Field of interest	Starch isolation & modification; carbohydrate technology, confectionary products, hygiene & sanitation
Type of organization	University ☒ Research institute ☐ SME ☐ Large company ☐ Other (please specify):
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Expertise (keywords)	Starch isolation & modification; carbohydrate technology, confectionary products, hygiene & sanitation
Relevant projects (starting from the most recent ones)*	
Title, number	Quality and Stability Development of Confectionary Fillings
Period of implementation (starting year-ending year)	2011-2012
Fund/program	Croatian Ministry of Education, Science and Sport
Title, number	Starch Isolation From Domestic Cereal Varieties and Modified Starches Development for Food Industry
Period of implementation (starting year-ending year)	2010-2011
Fund/program	Croatian Ministry of Education, Science and Sport
Title, number	Development of new modified starches and their application in food industry
Period of implementation (starting year-ending year)	2007-
Fund/program	Croatian Ministry of Education, Science and Sport

Relevant references in last five years (please underline the name of personnel from the institution)	<u>Šubarić, Drago; Babić, Jurislav; Ačkar, Đurđica; Miličević, Borislav; Kopjar, Mirela; Slaćanac, Vedran.</u> Reološka i termofizikalna svojstva modelnih smjesa za sladoled sa smanjenim udjelom masti i šećera. <i>Mljekarstvo</i>. 60 (2010.), 2; 127-134. Ačkar, Đurđica; Babić, Jurislav; Šubarić, Drago; Kopjar, Mirela, Miličević, Borislav. Isolation of starch from two wheat varieties and their modification with epichlorohydrin. <i>Carbohydrate Polymers</i>, 81 (2010), 81, 76-82. <u>Babić, Jurislav; Šubarić, Drago; Ačkar, Đurđica; Kopjar, Mirela; Nedić Tiban, Nela.</u> Acetylation and characterisation of corn starch. <i>Journal of Food Science and Technology</i>, 46 (2009), 5, 423-426. <u>Babić, Jurislav; Šubarić, Drago; Miličević, Borislav; Ačkar, Đurđica; Kopjar, Mirela; Nedić Tiban, Nela.</u> Influence of trehalose, glucose, fructose and sucrose on gelatinization and retrogradation of corn and tapioca starch. <i>Czech Journal of Food Sciences</i>, 27 (2009), 3, 151-157. <u>Velić, Darko; Ačkar, Đurđica; Mujić, Ibrahim; Šubarić, Drago; Bilić, Mate; Jokić, Stela.</u> Influence of drying temperature on drying kinetics and physico-chemical properties of two Chestnut varieties (<i>Castanea sativa</i> Mill.). <i>Acta Horticulturae</i>. 866 (2010); 635-645. <u>Ačkar, Đurđica; Babić, Jurislav; Šubarić, Drago; Muhamedbegović, Benjamin; Jašić, Midhad; Budimlić, Asmir; Stanković, Ivana.</u> Priprava modificiranog škroba tapioke smjesom adipinske kiseline i acetanhidrida. <i>Radovi Poljoprivredno-prehrambenog fakulteta Univerziteta u Sarajevu</i>. 60 (2010) , 1, 261-265. <u>Ačkar, Đurđica; Šubarić, Drago; Babić, Jurislav; Kopjar, Mirela; Miličević, Dijana; Tomesić, Maja.</u> Preparation and characterization of modified tapioca starch with epichlorohydrin. <i>Proceedings 5th International congress Flour-Bread '09 7th Croatian Congress of Cereal Technologists / Ugarčić-Hardi, Žaneta (ur.).</i> Osijek: Faculty of Food Technology, University of Josip Juraj Strossmayer in Osijek, 2010. 557-561. <u>Ačkar, Đurđica; Šubarić, Drago; Babić, Jurislav; Jozinović, Antun; Kopjar, Mirela; Miličević, Borislav.</u> Izolacija i modifikacija škroba iz ječma smjesom glutarne kiseline i acetanhidrida. 45. hrvatski i 5. međunarodni simpozij agronoma - Zbornik radova /

	Sonja Marić, Zdenko Lončarić (ur.). Osijek: Poljoprivredni fakultet Sveučilišta Josipa Jurja Strossmayera u Osijeku, 2010. 647-651.
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* please insert rows if necessary to present all the relevant projects

** CVs of key personnel may be attached to the e-mail containing this document