

BIOGRAPHY

JOSIP ŠIMUNOVIĆ



Josip Simunovic is a Research Professor at North Carolina State Food, Bioprocessing and Nutrition Sciences Department and a Co-Founder and Chief Science Officer of SinnovaTek/SinnoVita/FirstWave Inc. in Raleigh. Josip received his Bachelor of Science Degree in Food Engineering from the Faculty of Food Technology, Josip Juraj Strossmayer University in Osijek, Croatia and a Master of Science Degree from the University of Florida Department of Food Science and Human Nutrition.

He earned his Ph.D. under the mentorship of Dr. Ken Swartzel, and determination to develop and commercialize advanced processing technologies like continuous flow microwave sterilization and systems for safety validation of complex products aseptically packaged fruit and vegetable purees and particulate soups and sauces. His licensed inventions (22 US, >50 international patents) have contributed to establishment of 12 startup companies, food processing facilities in U.S., Europe, Africa and South America, and >300 products introduced to industrial and consumer markets. Josip and his teams, students, companies and products have been recognized with national and international awards, including two Industrial Achievement Awards from the Institute of Food Technologies, where he was also selected a Fellow, two Edison Innovation Awards, Marvin Tung Award from the Institute for Thermal Processing Specialists and a Lifetime Achievement Award from the International Association for Engineering and Foods.

Recently, over last decade he joined a team of researchers working on an international collaboration on multiple projects with Faculty of Food Technology in Osijek, lead by Professor Mirela Kopjar. This collaboration continues with new research subject areas and new projects.