

Dr Tatiana Koutchma

Dr. Tatiana Koutchma is a Research Scientist at the Agriculture and Agri-Food Guelph Food Research Centre, Canada, where she leads research in food safety engineering. Previously, she has worked as Research Associate Professor at the Illinois Institute of Technology, National Center for Food Safety and Technology in Chicago, IL, and as a Research Associate in the Department of Food Science and Agricultural Chemistry at McGill University in Montréal, Canada. She received her doctoral degree in Food Process Engineering at Moscow State University of Food Production. Her areas of expertise include thermal processing and innovative processing technologies, with emphasis on ultraviolet light irradiation, microwave heating, high pressure process calculations, modeling reaction kinetics, engineering properties of foods, and process validation. Dr. Koutchma is a member of the Editorial Board of the Journal of Food Processing, Food, and Bioprocess Technology and a member of the Innovative Technologies Board of PepsiCo.