



Job Title	Associate Professor and Department Chair
Name	Tsung-Yu Tsai
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Education	<p>Ph.D.: Institute of Microbiology and Biochemistry, National Taiwan University, Taipei, Taiwan</p> <p>M.S.: Department of Agricultural Chemistry, National Taiwan University, Taipei, Taiwan</p> <p>B.S.: Department of Nutrition and Food Sciences, Fu Jen Catholic University, Taipei, Taiwan</p>
Research Expertise	<p>Food Microbiology</p> <p>Fermentation Biotechnology</p> <p>Biochemistry and nutrition of food components</p> <p>Nutraceuticals and functional foods</p> <p>Food Safety and Sanitation</p>
Teaching course	Food Microbiology; Food Biotechnology; Food Safety and Sanitation
Laboratory	Laboratory of Applied Biotechnology
Publications	<p>(1) Liu TH, Chiou J, <u>Tsai TY*</u>. 2016. Effects of <i>Lactobacillus plantarum</i> TWK10-fermented soymilk on deoxycorticosterone acetate-salt-induced hypertension and associated dementia in rats. <i>Nutrients</i>. (accepted) (SCI; IF=3.270; Ranking=21/77 (27.3%) in Nutrition & Dietetics)</p> <p>(2) Chang CJ, <u>Tsai, TY*</u>. 2016. Antimelanogenic effects of the novel melanogenic inhibitors daidzein and equol, derived from <i>Lactobacillus plantarum</i> strain TWK10-fermented soymilk, in B16F0 mouse melanoma cells. <i>J Funct Foods</i> 22:211-23. (SCI; IF=3.574; Ranking=7/123 (5.7%) in Food Science & Technology)</p> <p>(3) Liu YY, Zeng SY, Leu Y-L, <u>Tsai TY*</u>. 2015. Antihypertensive effect of a combination of uracil and glycerol derived from <i>Lactobacillus plantarum</i>-fermented soymilk. <i>J Agric Food Chem</i> 63:7333-42. (SCI; IF=2.912; Ranking=13/123 (10.6%) in Food Science & Technology)</p>
Service	<p>2016-present Board member, Genetically Modified Food Advisory Committee, Food and Drug Administration, Ministry of Health and Welfare, Taiwan</p> <p>2016-present Deputy Secretary-General, Taiwan Association for Food Science and Technology</p> <p>2015-present Member of Editorial Board of Journal of Food and Drug Analysis</p> <p>2015-present Director, Association of Official Analytical Communities International Taiwan Section</p>



	<p>2015-present Director, Taiwan Association for Lactic Acid Bacteria</p> <p>2015-present Board member, Laboratory Accreditation Advisory Committee, Food and Drug Administration, Ministry of Health and Welfare, Taiwan</p> <p>2014-present Consultant, SMEs Service Committee of Biomedical Section, New Taipei City Government</p> <p>2014-2016 Executive Director, Taiwan Association for Food Protection International Taiwan Section</p> <p>2011-present Laboratory Accreditation Assessor, Food and Drug Administration, Ministry of Health and Welfare, Taiwan</p> <p>2012-present Member of Health Food Society of Taiwan</p> <p>2012-present Member of Association of Official Analytical Communities International Taiwan Section</p> <p>2009-present Delegate, Taiwan Association for Food Protection International Taiwan Section</p> <p>2009-present Member of Taiwan Association for Lactic Acid Bacteria</p> <p>2006-present Member of International Association of Food Protection</p> <p>2002-present Member of American Society for Microbiology</p> <p>2002-present Member of Institute of Food Technologists</p> <p>2002-present Member of Taiwan Association for Food Science and Technology</p> <p>2002-present Member of Agricultural Chemical Society of Taiwan</p>
Honor/ Award	<p>2015 Contribution Award of Education-Industry cooperation, Taiwan Association for Food Science and Technology</p> <p>2015 Investigator Award, <i>Agricultural Chemical Society of Taiwan</i></p> <p>2011-2015 Investigator Award in University, Ministry of Science and Technology</p> <p>2009-2015 Award of Education-Industry cooperation, Fu Jen Catholic University</p>