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Dr. Yoshinori Mine earned his Ph.D. Biochemistry from Tokyo University of Agriculture and Technology in Japan in 1993. Dr. Mine joined the University of Guelph (Ontario, Canada) in 1996 as a faculty member at Department of Food Science. Currently, he is a full professor (since 2005). He is a recipient of PREA (The Premier's Research Excellence Award) in 2000 and American Egg Board Research award in 2005. Dr. Mine is also an Associate Editor for Journal of Agricultural and Food Chemistry journal (ACS publications) since 2010 and serving on editorial advisory board member of international journals of J. Functional Foods, Food Biosci., Int. J. Food Sci. Tech., and Nature-Sci. of Food. He is also actively involved in numerous international food and health related symposiums as an invited speaker and advisor of food and health ingredient companies. Dr. Mine's primary research focus is molecular approaches to the study of structure-function relationships of bioactive proteins/peptides and egg allergy, to enhance human intestinal health. His group is exploring novel approaches to cure chronic oxidative stress and inflammation using dietary peptides, amino acids and pro-/prebiotics as well as understanding mechanism of actions of food factors-gene interactions. Recently, his group has demonstrated a new proof of concept of long-term low grade chronic inflammation and potential risk of metabolic disorders. This impacts to microbiota and signaling molecules. He has published 5 books, 35 book chapters, 13 review articles, 147 original papers to the peer-reviewed international journals.