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### Food security, nutrition and well-being: A South African perspective

Food insecurity, sustainable agriculture and food system to reduce hunger and malnutrition is one of the goal of the FAO. It is crucial to make sure that the food we eat is not contaminated with potentially dangerous bacteria, parasites, viruses, toxins and chemicals. The focus of the key note is to give an overview of the South African landscape in term of food safety and security with an inside on the current challenges. The importance of the traditional crops and food products is also highlighted. Finally, the key role of applying science to solving issues related to sustainable food production and safety, while exploiting the health-promoting properties of foods to improve nutrition.

### Biography

Thierry Regnier is a Professor at the Department of Biotechnology and Food Technology at Tshwane University of Technology. He has completed his PhD from University of Montpellier II in France with the focus on secondary metabolites in wheat. His current projects encompass biocontrol, mycotoxins, food safety, food processing (Biochemistry), food development of underutilized indigenous fruits and nuts, screening of microorganisms for new antibiotics, fragrances, natural pigments and biogas production.