

Prof. Ismail Hakki Boyaci

Ismail Hakki Boyaci is professor in the Department of Food Engineering at Hacettepe University, Ankara, Turkey. Professor Boyaci graduated in 1995 with food engineering degree, and gained his PhD in 2001. Professor Boyaci received his PhD by working on the development of biosensor for multiple detections. He is a research fellow in Faculty of Mathematic and Physic, Charels University, Czech Republic in 1997. He also, worked as a post doctoral research fellow on microbial immunosensors in the group of Prof. Dr. William R. Heineman at the Chemistry Department, Cincinnati Univeristy, OH, USA. His research interests include biosensors based on optical and electrochemical sensor and development of different spectroscopic techniques for food analysis mainly on Raman, SERS, NIR and LIBS. He has published more than 150 papers among peer-reviewed journals. He has completed 8 book chapters and 6 patents.

Talk Title:

Raman and SERS-based detection of Gene and Microorganisms