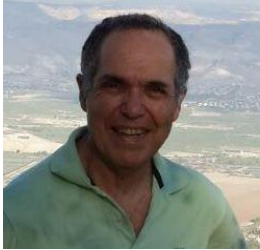


האוניברסיטה העברית - הפקולטה לחקלאות המכון לביוכימיה, מדעי המזון והתזונה



Dr. Moshe Raccach

Emeritus Professor
Morrison School of Management and Agribusiness
Arizona State University

<http://legacy.wpcarey.asu.edu/directory/people/profile.cfm?person=2225640>

הנושא:

Predictive Food Microbiology: Concept and Applications

המפגש יתקיים

ביום א', 12 ינואר 2014, בשעה 9:00

מועדון סגל

Abstract:

Predictive Food Microbiology describes, mathematically, some microbial activity: reproduction, survival, and inactivation. Primary, secondary and tertiary Gompertz and Weibullian models may be used to predict microbial behavior over a range of static or changing dynamic conditions. These predictions assist in assessing the safety and freshness of foods a useful tool to industry. The process involves experimental planning, data collection and analysis, modeling, comparing models and validation. Available software such as DataFit and DMFIT assist in the process. Predictive Food Microbiology is practiced and developed in a number of worldwide centers. Sigmoid and exponential growth/inactivation of food bacteria will be demonstrated.

סגל וסטודנטים מוזמנים להשתתף
לתיאום פגישה: yaelf@savion.huji.ac.il