

May 22, 2009

## **TNO and Wageningen University win Top Institute Food & Nutrition publication prize**

**For its work for the Top Institute Food & Nutrition (TIFN), TNO and Wageningen University have won the prestigious TIFN publication prize. The article concerned was published in the journal Environmental Microbiology in April this year. It described a study conducted using the TIM 2 system, the in vitro large intestinal model at TNO.**



*This is the second prize awarded to this publication.*

The prize was awarded to this specific article for its innovative use of a substrate (starch) that was completely labeled with the stable isotope  $^{13}\text{C}$ . By tracing the isotope in microbial metabolites (with LC-MS and NMR techniques) and in the biomass of the bacteria (with RNA-SIP), it was possible for the first time to demonstrate a direct link between 1) the substrate 2) the micro organism that ferments the substrate and 3) the microbial metabolites, the short chain fatty acids that are important for (gut) health. The jury unanimously honored this publication for its scientific excellence and relevance for industry.

This is the second prize awarded to the publication. It also received the NVVM (Dutch Organization for Microbiology) prize as best first publication by the post-graduate student, Petia Kovatcheva-Datchary at Wageningen University.