



Proteomics at AgResearch

Digestomics

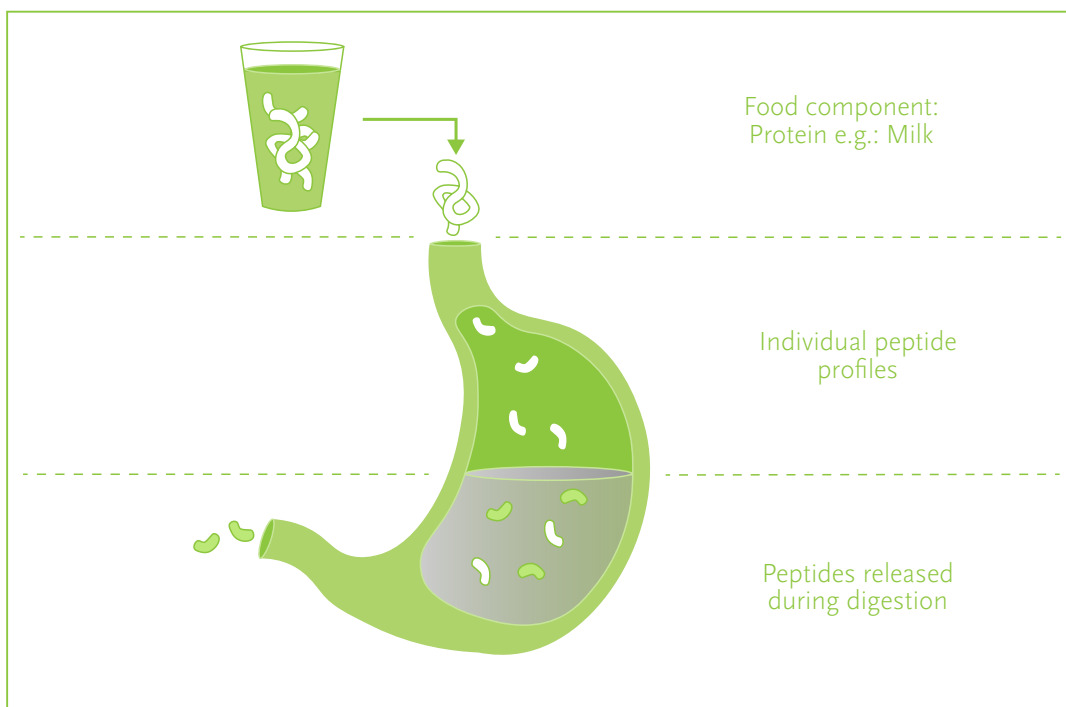
Tracking food peptides throughout gastro-intestinal digestion.

Are you interested in the catabolism of the proteins within certain foods with digestion?

Then the combination of a simulated gastro-intestinal digestion experiment with the mass spectrometric characterisation of the peptides might be of interest.

At AgResearch, we perform 'digestomic' experiments (i.e. analysis of the proteins and peptides released by digestion of food and their derived functionality).

In these experiments, the creation of bioactive peptides throughout digestion can be followed, and value-added characteristics of food can be discovered.



Above: Tracking the fate of proteins and peptides through a simulated digestion using mass spectrometry.