

# Novel strategies to address disrupted sensing and signalling of satiety

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# Novel strategies to address disrupted sensing and signalling of satiety

Tim Klaassen

Maastricht 3 september 2021

1. Among non-caloric tastants, bitter agents are the most potent in influencing eating behaviour. *This thesis*
2. Using intubation catheters to assess modest effects on food intake behaviour poses more limitations than benefits. *This thesis*
3. Our bodyweight is influenced by more than just exercise and food intake. *This thesis*
4. The novel ESM-based PROM described in this thesis provides the opportunity to evaluate individual symptom patterns. *This thesis*
5. ESM based questionnaires will play a role in personalised healthcare. *This thesis, impact*
6. The brain-gut axis also plays a role in inflammatory bowel disease and treatments targeting this mechanism have the potential to alter disease course and quality of life. *Gracie et al., Lancet Gastroenterology Hepatology 2019*
7. Long-term usage of proton pump inhibitors increases the risk of developing gastric cancer, even after eradication of *Helicobacter pylori*. *Cheung et al., Gut 2018*
8. In gastroenterology detection and determination of gastrointestinal lesions with the help of artificial intelligence is a potential breakthrough. *De Groof et al., Gastroenterology 2020*
9. No man ever steps in the same river twice, for it's not the same river and he's not the same man. *Heracitus*
10. Coming together is a beginning, staying together is progress, and working together is success. *Henry Ford*
11. Meat eaten without either mirth or music is ill of digestion. *Sir Walter Scott*