

---

## PAPERS

---

This PhD thesis is based on the following four papers:

- Paper I** Jane N. Eriksen, Pia L. Madsen, Lars O. Dragsted & Eva Arrigoni. **Optimized fast through-put UHPLC-UV based method for concurrent quantification of carotenoids from green leafy vegetables, serum, chylomicrons and faeces.**  
*Current status (21-04-2016): Submitted to Analytic and Bioanalytical Chemistry, March, 2016*
- Paper II** Jane N. Eriksen, Amy Y. Luu, Lars O. Dragsted & Eva Arrigoni. ***In vitro* liberation of carotenoids from spinach and Asia salads after different domestic kitchen procedures** (2016) *Food Chemistry*, 203, 23-27.
- Paper III** Jane N. Eriksen, Amy Y. Luu, Lars O. Dragsted & Eva Arrigoni. **Adaption of an *in vitro* digestion method to screen carotenoid liberation and *in vitro* accessibility from spinach in the presence of fat.**  
*Current status (21-04-2016): Submitted to Journal of Agricultural and Food Chemistry, April 2016*
- Paper IV** Jane N. Eriksen, August P. Prahm, Eva Arrigoni, Katharina Schneider, Palle B. Jeppesen & Lars O. Dragsted. ***In vitro* accessibility as potential predictor for bioavailability of carotenoids from spinach: A pilot study in short bowel patients and healthy controls**  
*Current status (21-04-2016): Draft*