

## Ditte Baun Hermund - DTU Orbit (08/08/2016)

**Hermund, Ditte Baun**

dbala@food.dtu.dk

National Food Institute - Former

### Publications:

#### **Antioxidant effect of water and acetone extracts of *Fucus vesiculosus* on oxidative stability of skin care emulsions**

Poyato, C., Thomsen, B. R., Hermund, D. B., Ansorena, D., Astiasarán, I., Jónsdóttir, R., Kristinsson, H. G. & Jacobsen, C. 2016 In : *European Journal of Lipid Science and Technology*.

Publication: Research - peer-review › Journal article – Annual report year: 2016

#### **Comparison of Three Methods for Extraction of Volatile Lipid Oxidation Products from Food Matrices for GC–MS Analysis**

Thomsen, B. R., Yesiltas, B., Sørensen, A-D. M., Hermund, D. B., Glastrup, J. & Jacobsen, C. 2016 In : *J A O C S*. 93, 7, p. 1-14 14 p.

Publication: Research - peer-review › Journal article – Annual report year: 2016

#### **Extraction, characterization and application of antioxidants from the Nordic brown alga *Fucus vesiculosus***

Hermund, D. B., Jacobsen, C. & Nielsen, K. F. 2016 Kgs. Lyngby: National Food Institute, Technical University of Denmark. 111 p.

Publication: Research › Ph.D. thesis – Annual report year: 2016

#### **Potential seaweed-based food ingredients to inhibit lipid oxidation in fish-oil-enriched mayonnaise**

Honold, P., Jacobsen, C., Jónsdóttir, R., Kristinsson, H. G. & Hermund, D. B. 2016 In : *European Food Research and Technology*. 242, 4, p. 571-584

Publication: Research - peer-review › Journal article – Annual report year: 2015

#### **Characterisation and antioxidant evaluation of Icelandic *F. vesiculosus* extracts in vitro and in fish-oil-enriched milk and mayonnaise**

Hermund, D. B., Yesiltas, B., Honold, P., Jónsdóttir, R., Kristinsson, H. G. & Jacobsen, C. 2015 In : *Journal of Functional Foods*. 19, Part B, p. 828-841

Publication: Research - peer-review › Journal article – Annual report year: 2015

#### **Antioxidant Effect of Seaweed Extracts in Vitro and in Food Emulsion Systems Enriched With Fish Oil**

Larsen, D. B., Farvin, S. & Jacobsen, C. 2013

Publication: Research › Conference abstract for conference – Annual report year: 2013

#### **Antioxidant effect of seaweed extracts in food emulsion systems enriched with fish oil**

Larsen, D. B., Farvin, S. & Jacobsen, C. 2012

Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

### Projects:

#### **Extraction and characterisation of highly biocative ingredients from Nordic marine algae**

Hermund, D. B., Jacobsen, C., Nielsen, K. F., Sloth, J. J., Andersen, M. L. & Hotchkiss, S.

01/06/2012 → 21/04/2016

Project: PhD

### Activities:

#### **Nordic Seaweed extracts as natural antioxidants in omega-3 PUFA enriched granola bars**

Ditte Baun Hermund (Speaker), 4 Jun 2015, 28th Nordic Lipid Symposium

Activity: Lecture and oral contribution

**Seaweed based antioxidants – analysis and application**

Ditte Baun Hermund (Speaker), 7 Oct 2015, 5th Nordic Seaweed Conference

Activity: Lecture and oral contribution

**Novel bioactive algae based food ingredients**

Ditte Baun Hermund (Speaker), 6 Feb 2014, Copenhagen Area Algae Seminar

Activity: Lecture and oral contribution

**Novel bioactive algae based food ingredients**

Ditte Baun Hermund (Speaker), 4 May 2014 → 8 May 2014, 105th AOCS Annual Meeting

Activity: Lecture and oral contribution

**105th AOCS Annual Meeting**

Ditte Baun Hermund (Speaker), 6 May 2014, 105th AOCS Annual Meeting

Activity: Participation in conference/workshop/course/seminar › Organisation of and participation in conference

**Bioactive compounds extracted from seaweed and application in food systems**

Ditte Baun Hermund (Speaker), 27 Aug 2014 → 29 Aug 2014, 2nd International Conference on Algal Biorefinery

Activity: Lecture and oral contribution

**Seaweed based food ingredients to inhibit lipid oxidation in fish-oil-enriched mayonnaise**

Ditte Baun Hermund (Other), 14 Sep 2014 → 17 Sep 2014, 12th Euro Fed Lipid Congress

Activity: Lecture and oral contribution

**4th Nordic Seaweed Conference**

Ditte Baun Hermund (Participant), 8 Oct 2014 → 9 Oct 2014, 4th Nordic Seaweed Conference

Activity: Participation in conference/workshop/course/seminar › Participation in workshop, seminar, course