

## VEGARD LYSNE

### PERSONAL DETAILS

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*Birth date* February 23, 1988  
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<http://www.friskogfunksjonell.no>



### EDUCATION

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2015-	PhD	Department of Clinical Science, University of Bergen, Norway. Topic: Plasma dimethylglycine and methylmalonic acid as markers of PPAR $\alpha$ activation and targets for personalized prevention of coronary heart disease. Supervisors: Prof. Ottar Nygård, Prof. Jutta Dierkes, Prof. Per Magne Ueland and Elin Strand, PhD.
2014	MSc	Clinical Nutrition, Department of Clinical Medicine, University of Bergen Thesis title: "Treatment with a Peroxisome Proliferator-Activated Receptor agonist influences one-carbon metabolism and markers of B-vitamin status in rats"
2012	BSc	Human Nutrition, Department of Clinical Medicine, University of Bergen

### RELEVANT WORK EXPERIENCE

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2015-	PhD student, Department of Clinical Science, University of Bergen
2014-2015	Research Assistant, Department of Heart Disease, Haukeland University Hospital

## PUBLICATIONS IN INTERNATIONAL, PEER-REVIEWED JOURNALS

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1. **Lysne, V.**; Strand, E.; Svingen, G.F.; Bjorndal, B.; Pedersen, E.R.; Midttun, O.; Olsen, T.; Ueland, P.M.; Berge, R.K.; Nygard, O. Peroxisome Proliferator-Activated Receptor Activation is Associated with Altered Plasma One-Carbon Metabolites and B-vitamin Status in Rats. *Nutrients* 2016, 8(1).
2. **Lysne, V.**; Bjorndal, B.; Vik, R.; Nordrehaug, J.E.; Skorve, J.; Nygard, O.; Berge, R.K. A Protein Extract from Chicken Reduces Plasma Homocysteine in Rats. *Nutrients* 2015, 7(6), 4498-4511.
3. Oyen, J.; Svingen, G.F.; Gjesdal, C.G.; Tell, G.S.; Ueland, P.M.; **Lysne, V.**; Apalset, E.M.; Meyer, K.; Vollset, S.E.; Nygard, O.K. Plasma dimethylglycine, nicotine exposure and risk of low bone mineral density and hip fracture: the Hordaland Health Study. *Osteoporos Int* 2015, 26, 1573-83.

## RESEARCH GRANTS

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2016            Meltzer Research Fund, project scholarship

## PRESENTATIONS AT ACADEMIC CONFERENCES

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2015            Elevated plasma dimethylglycine predicts cardiovascular risk only when plasma methylmalonic acid is also high. 10<sup>th</sup> International Conference, One Carbon Metabolism, Vitamins B and Homocysteine, Université de Lorraine, Nancy, France, July 2015.

2014            PPAR $\alpha$  activation and dietary fat affects cobalamin status (Poster). FASEB Science research conference: Folic Acid, Vitamin B12 and One Carbon Metabolism, Steamboat Springs, Colorado, August 2014.

2013            PPAR $\alpha$  Stimulation by a Pan-PPAR Agonist Influences Circulating B-Vitamin Levels in Rats (Poster). 9<sup>th</sup> international conference on homocysteine and one-carbon metabolism, Trinity College, Dublin, Ireland, September 2013.

2013            PPAR $\alpha$  Stimulation by a pan-PPAR Agonist Influence Plasma Levels of Choline and its Metabolites in Rats (Poster). 9<sup>th</sup> International Conference on homocysteine and one-carbon metabolism, Trinity College, Dublin, Ireland, September 2013

## COURSES

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2016            FRAME Training School in Experimental Design and Statistical Analysis

2016            Basic course in Medical and Health Related Research, University of Bergen

## ORGANIZATIONS AND COMMITTEES

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2015-	Member of the academic policy board, the Norwegian Association of Clinical Dietitians affiliated with The Norwegian Association of Researchers (KEFF)
2013-	The European Society for Clinical Nutrition and Metabolism (ESPEN)
2011-	Member of Norwegian Association of Clinical Dietitians affiliated with The Norwegian Association of Researchers (KEFF)
2011-2014	Member of student council, University of Bergen

## TEACHING EXPERIENCE

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### University of Bergen

2016-	Food Knowledge	Course coordinator
2016-	Advanced research methodology in nutritional science	1 lecture + data labs
2016-	Seminar in nutrition 2	1 lecture
2016-	Nutritional biochemistry	1 lecture
2016-	Micronutrients	2 lectures
2015-	Methods of Analysis in Nutrition	1 lecture
2015-	Introduction to clinical nutrition	2 lectures
2015-	Genetic disorders in nutrient metabolism	2 lectures
2015-	Research methods in nutrition	1 lecture

### Nesna University College

2014-	Personal Trainer 1 – Nutrition and health	Full course
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## STUDENT SUPERVISION

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### Master Theses Co-supervisor

2016-2017	Jostein Sæle, Marcela Palma and Kristine Samuelsen
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### Bachelor theses main supervisor

2016	Turid Bjørnsen Iversen
2015	Jostein Sæle

### Bachelor theses Co-supervisor

2015	Helene Dahl, Caroline Kirkenes Jacobsen and Silje Skålnes Vabø
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## THESIS COMMITTEES

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### Master theses

2016            Tonje Nesvik Hustoft, “Low FODMAP diet – Just placebo? Low versus high FODMAP diet in patients with irritable bowel syndrome”, University of Bergen

### Bachelor theses

2015            -Anette Hetlevik, “Fish consumption – a nutritional conflict”, University of Bergen  
                  -Maria Bjørsvik Songve, “Food intake- and habits among elderly 3 months before a hip fracture”, University of Bergen.

## REFERENCE

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Professor Ottar Nygård  
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