Rikke Andersen - DTU Orbit (17/11/2018)

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Research outputs:

Investigating the risk-benefit balance of substituting red and processed meat with fish in a Danish diet
Research output: Research - peer-review › Journal article – Annual report year: 2018

Meeting the challenges in the development of risk-benefit assessment of foods
Research output: Research - peer-review › Review – Annual report year: 2018

Modelling of adequate and safe vitamin D intake in Danish women using different fortification and supplementation scenarios to inform fortification policies
Research output: Research - peer-review › Journal article – Annual report year: 2018

Vitamin D vitamers affect vitamin D status differently in young healthy males
Research output: Research - peer-review › Journal article – Annual report year: 2018

Common genetic variants are associated with lower serum 25-hydroxyvitamin D concentrations across the year among children at northern latitudes
Research output: Research - peer-review › Journal article – Annual report year: 2017

Development, validation and implementation of a quantitative food frequency questionnaire to assess habitual vitamin D intake
Research output: Research - peer-review › Journal article – Annual report year: 2016

Generne styrer danskernes D-vitaminniveau
Research output: Research - peer-review › Journal article – Annual report year: 2016

Normal weight children have higher cognitive performance – Independent of physical activity, sleep, and diet
Research output: Research - peer-review › Journal article – Annual report year: 2016

Sleep duration modifies effects of free ad libitum school meals on adiposity and blood pressure
Research output: Research - peer-review › Journal article – Annual report year: 2016

Socio-economic differences in cardiometabolic risk markers are mediated by diet and body fatness in 8- to 11-year-old Danish children: a cross-sectional study
Research output: Research - peer-review › Journal article – Annual report year: 2016
Sun Exposure Guidelines and Serum Vitamin D Status in Denmark: The StatusD Study
Research output: Research - peer-review › Journal article – Annual report year: 2016

Validation of Reported Whole-Grain Intake from a Web-Based Dietary Record against Plasma Alkylresorcinol Concentrations in 8- to 11-Year-Olds Participating in a Randomized Controlled Trial
Research output: Research - peer-review › Journal article – Annual report year: 2016

Accuracy of self-reported intake of signature foods in a school meal intervention study: comparison between control and intervention period
Research output: Research - peer-review › Journal article – Annual report year: 2015

Association of body fat and vitamin D status and the effect of body fat on the response to vitamin D supplementation in Pakistani immigrants in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2014

Common genetic variations in the CYP2R1 and GC genes are determinants of vitamin D status in Danes
Research output: Research › Ph.D. thesis – Annual report year: 2015

Dietary Intake and sources of vitamin D in Pakistani immigrants living in Copenhagen
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2016

Diet-induced changes in iron and n-3 fatty acid status and associations with cognitive performance in 8-11-year-old Danish children: secondary analyses of the Optimal Well-Being, Development and Health for Danish Children through a Healthy New Nordic Diet School Meal Study
Research output: Research - peer-review › Journal article – Annual report year: 2015

Effects of school meals based on the New Nordic Diet on intake of signature foods: a randomised controlled trial. The OPUS School Meal Study
Research output: Research - peer-review › Journal article – Annual report year: 2015

Effects of school meals with weekly fish servings on vitamin D status in Danish children: secondary outcomes from the OPUS (Optimal well-being, development and health for Danish children through a healthy New Nordic Diet) School Meal Study
Research output: Research - peer-review › Journal article – Annual report year: 2015

Plate waste and intake of school lunch based on the New Nordic Diet and on packed lunches: A randomised controlled trial in 8- to 11-year-old Danish children
Research output: Research - peer-review › Journal article – Annual report year: 2015

Socioeconomic differences in cardiometabolic risk markers are mediated by diet and fatness in Danish children
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2016

Standardizing serum 25-hydroxyvitamin D data from four Nordic population samples using the Vitamin D Standardization Program protocols: Shedding new light on vitamin D status in Nordic individuals
Research output: Research - peer-review › Journal article – Annual report year: 2015

The effects of Nordic school meals on concentration and school performance in 8- to 11-year-old children in the OPUS School Meal Study: a cluster-randomised, controlled, cross-over trial
Research output: Research - peer-review › Journal article – Annual report year: 2015

Validation of a Food Frequency Questionnaire for dietary vitamin D and calcium by cognitive interviewing
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2016
Vitamin D intake-status relationship among Danes aged 4-60 years during winter
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2016

Vitamin D status and its determinants during autumn in children at northern latitudes: a cross-sectional analysis from the optimal well-being, development and health for Danish children through a healthy New Nordic Diet (OPUS) School Meal Study
Research output: Research - peer-review › Journal article – Annual report year: 2015

Vitamin D status is associated with cardiometabolic markers in 8-11-year-old children, independently of body fat and physical activity
Research output: Research - peer-review › Journal article – Annual report year: 2015

What do Danish children eat, and does the diet meet the recommendations?: Baseline data from the OPUS School Meal Study
Research output: Research - peer-review › Journal article – Annual report year: 2015

Change in sleep duration and proposed dietary risk factors for obesity in Danish school children
Research output: Research - peer-review › Journal article – Annual report year: 2014

Common variants in CYP2R1 and GC genes are both determinants of serum 25-hydroxyvitamin D concentrations after UVB irradiation and after consumption of vitamin D3-fortified bread and milk during winter in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2014

Common Variants in CYP2R1 and GC Genes Predict Vitamin D Concentrations in Healthy Danish Children and Adults
Research output: Research - peer-review › Journal article – Annual report year: 2014

Dietary effects of introducing school meals based on the New Nordic Diet: a randomised controlled trial in Danish children. The OPUS School Meal Study
Research output: Research - peer-review › Journal article – Annual report year: 2014

Eicosapentaenoic acid and docosahexaenoic acid in whole blood are differentially and sex-specifically associated with cardiometabolic risk markers in 8-11-year-old danish children.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Fatness predicts decreased physical activity and increased sedentary time, but not vice versa: support from a longitudinal study in 8- to 11-year-old children
Research output: Research - peer-review › Journal article – Annual report year: 2014

Finding the Optimum Scenario in Risk-benefit Assessment: An Example on Vitamin D
Research output: Research - peer-review › Journal article – Annual report year: 2014

Low Physical Activity Level and Short Sleep Duration Are Associated with an Increased Cardio-Metabolic Risk Profile: A Longitudinal Study in 8-11 Year Old Danish Children
Research output: Research - peer-review › Journal article – Annual report year: 2014

Provision of healthy school meals does not affect the metabolic syndrome score in 8-11-year-old children, but reduces cardiometabolic risk markers despite increasing waist circumference
Research output: Research - peer-review › Journal article – Annual report year: 2014

Real-life use of vitamin D₃-fortified bread and milk during a winter season: the effects of CYP2R1 and GC genes on 25-hydroxyvitamin D concentrations in Danish families, the VitmaD study.
Research output: Research - peer-review › Journal article – Annual report year: 2014
Short sleep duration and large variability in sleep duration are independently associated with dietary risk factors for obesity in Danish school children.

Research output: Research - peer-review › Journal article – Annual report year: 2013

Vitamin D status and effects of food fortification in families
Research output: Research › Ph.D. thesis – Annual report year: 2014

Vitamin D status and its determinants in children and adults among families in late summer in Denmark.
Research output: Research - peer-review › Journal article – Annual report year: 2014

A school meal study: comparing platewaste and likings of packed lunch and school lunch based on the New Nordic Diet
Research output: Research - peer-review › Poster – Annual report year: 2013

A school meal study: comparing platewaste and likings of packed lunch and school lunch based on the New Nordic Diet
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013

Autumn vitamin D status in 782 eight-eleven year old Danish children - preliminary results from the Opus school meal study
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013

Comparing platewaste and likings of packed lunch and school lunch based on the New Nordic Diet
Research output: Research - peer-review › Poster – Annual report year: 2013

Method development in risk-benefit assessment and burden of disease estimation of food
Research output: Research › Ph.D. thesis – Annual report year: 2014

Randomized controlled trial of the effects of vitamin D–fortified milk and bread on serum 25-hydroxyvitamin D concentrations in families in Denmark during winter: the VitmaD study
Research output: Research - peer-review › Journal article – Annual report year: 2013

Seasonal changes in vitamin D status among Danish adolescent girls and elderly women: the influence of sun exposure and vitamin D intake.
Research output: Research - peer-review › Journal article – Annual report year: 2013

The dietary effect of serving school meals based on the new Nordic diet – A randomised controlled trial in Danish children
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013

Vitamin D status among families in Denmark: Baseline data from the VitmaD study
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013

Vitamin D status and association to bone health in 781 healthy 8–11 years old Danish school children: preliminary results from the Opus school meal study
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Design of the OPUS School Meal Study: A randomised controlled trial assessing the impact of serving school meals based on the New Nordic Diet
Research output: Research - peer-review › Journal article – Annual report year: 2012

OPUS Skolemadsprojekt – design, metoder og udfordringer
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Risk-benefit assessment of cold-smoked salmon: microbial risk versus nutritional benefit
Research output: Research - peer-review › Journal article – Annual report year: 2012
Application of the BRAFO tiered approach for benefit–risk assessment to case studies on dietary interventions
Research output: Research - peer-review › Journal article – Annual report year: 2011

D-vitamin. Opdatering af videnskabelig evidens for sygdomsforebyggelse og anbefalinger
Research output: Research › Report – Annual report year: 2010

Camellia sinensis and bone health - Scientific substantiation of a health claim related to Camellia sinensis and bone health Article 13(5) of Regulation (EC) No 1924/2006
Research output: Research - peer-review › Report – Annual report year: 2009

Chondroitin and chondroitin sulphate and joint health - Scientific substantiation of a health claim related to chondroitin and joint health Article 13(5) of Regulation (EC) No 1924/2006
Research output: Research - peer-review › Report – Annual report year: 2009

Glucosamine with or without chondroitin sulphate and joint health - Scientific substantiation of a health claim related to glucosamine and joint health Article 13(5) of Regulation (EC) No 1924/2006
Research output: Research - peer-review › Report – Annual report year: 2009

Research output: Research - peer-review › Report – Annual report year: 2009

Vitamin D - Complete Opinion - Scientific substantiation of a health claim related to Vitamin D Article 13(5) of Regulation (EC) No 1924/2006
Research output: Research - peer-review › Report – Annual report year: 2009

Vitamin D status assessed by a validated HPLC method: within and between variation in subjects supplemented with vitamin D3
Research output: Research - peer-review › Journal article – Annual report year: 2009

Vitamin D supplementation does not affect serum lipids and lipoproteins in Pakistani immigrants
Research output: Research - peer-review › Journal article – Annual report year: 2009

Effect of vitamin D supplementation on bone and vitamin D status among Pakistani immigrants in Denmark: a randomised double-blinded placebo-controlled intervention study
Research output: Research - peer-review › Journal article – Annual report year: 2008

Estimated intake of intense sweeteners from non-alcoholic beverages in Denmark, 2005
Research output: Research - peer-review › Journal article – Annual report year: 2008

Nitrite and Nitrate Content in Meat Products and Estimated Intake in Denmark From 1998 to 2006
Research output: Research - peer-review › Journal article – Annual report year: 2008

Pakistani Immigrant Children and Adults in Denmark Have Severely Low Vitamin D Status
Research output: Research - peer-review › Journal article – Annual report year: 2008

Vitamin D intervention among Pakistani immigrants
Research output: Research › Conference abstract for conference – Annual report year: 2008

Vitamin D intervention among Pakistani immigrants
Research output: Research › Poster – Annual report year: 2008
Vitamin D supplements do not affect serum lipids and lipoproteins
Research output: Research › Conference abstract for conference – Annual report year: 2008

Vitamin D supplements do not affect serum lipids and lipoproteins
Research output: Research › Poster – Annual report year: 2008

Vitamin D status in adolescent girls, elderly women and immigrants
Research output: Research › Ph.D. thesis – Annual report year: 2007

D-vitamin status hos unge piger, ældre kvinder og indvandrere
Research output: Communication › Journal article – Annual report year: 2007

Vitamin D status and effect of vitamin D supplementation among Pakistani immigrants in Denmark
Research output: Research › Conference abstract for conference – Annual report year: 2007

Sukkeralkoholer (polyoler) i levnedsmidler
Research output: Research › Report – Annual report year: 2006

How to validate vitamin D status?
Research output: Research › Article in proceedings – Annual report year: 2005

Teenage girls and elderly women living in northern Europe have low winter vitamin D status
Research output: Research - peer-review › Journal article – Annual report year: 2005

Hypovitaminosis D in Europe
Research output: Research › Poster – Annual report year: 2004

Immigrants - vitamin D, bone accretion and lack of sun exposure
Research output: Research › Conference abstract for conference – Annual report year: 2004

Severe vitamin D deficiency among Pakistani living in Denmark
Research output: Research › Conference abstract for conference – Annual report year: 2004

Severe vitamin D deficiency among Pakistani living in Denmark
Research output: Research › Conference abstract for conference – Annual report year: 2004

Vitamin D Intake and status of Pakistani immigrants in Denmark
Research output: Research › Conference abstract for conference – Annual report year: 2004

Vitamin D Intake in Danish pubertal girls
Research output: Research › Poster – Annual report year: 2004

Vitamin D Intake in Danish pubertal girls
Research output: Research › Conference abstract for conference – Annual report year: 2004

Geographical differences in vitamin D status, with particular reference to European countries
Research output: Research - peer-review › Journal article – Annual report year: 2003

Subchronic oral toxicity study on the three flavouring substances: octan-3-ol, 2-methylcrotonic acid and oct-3-yl 2-methylcrotonate in Wistar rats
Research output: Research - peer-review › Journal article – Annual report year: 2003

The vitamin D status in two risk groups from four European countries
Research output: Research › Poster – Annual report year: 2003

The vitamin D status in two risk groups from four European countries
Research output: Research › Conference abstract for conference – Annual report year: 2003

Vitamin D status hos to risikogrupper i fire europæiske lande
Research output: Research › Conference abstract for conference – Annual report year: 2003

A critical assessment of some biomarker approaches linked with dietary intake
Research output: Research - peer-review › Journal article – Annual report year: 2001

Towards a strategy for optimal vitamin D fortification (OPTIFORD)
Research output: Research - peer-review › Journal article – Annual report year: 2003

Safety evaluation of fructans
Research output: Research › Report – Annual report year: 2000

Separation and determination of alditols and sugars by high-pH anion-exchange chromatography with pulsed amperometric detection
Research output: Research - peer-review › Journal article – Annual report year: 2000

An enzymatic method for the determination of fructans in foods and food products - Comparison of the results by high performance anion exchange chromatography with pulsed amperometric detection
Research output: Research - peer-review › Journal article – Annual report year: 1999

Sukkeralkoholer
Research output: Research › Poster – Annual report year: 1997

Projects:

Ha(c)k Dit Grønt
Project: Research

Intervention med målrettede kostråd på risikomarkører for hjertekarsygdom
Project: PhD

Risk-benefit assessment of whole diet
Project: PhD

Healthy Kids are involved kids
Project: PhD

Food-based solutions for optimal vitamin D nutrition and health
Project: PhD

Effekten af D-vitamin berigelse i danske familier
Project: PhD
Betydningen af genotyper for D-vitaminstatus  
Project: PhD

Towards a strategy for optimal vitamin D fortification, OPTIFORD  
Project: Research

Vitamin D fortification  
Project: Research

Activities:

12th European Nutrition Conference (FENS)  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Interventions with vitamin D in Denmark  
Activity: Talks and presentations › Conference presentations

Vitamin D status and intake in Nordic countries  
Activity: Talks and presentations › Conference presentations

10th Nordic Nutrition Conference 2012  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Vitamin D fra kosten og hvordan berigelse kan foretages  
Activity: Talks and presentations › Conference presentations

D-vitamin - hvor får vi det fra, hvilken betydning har det, og hvor meget har vi brug for?  
Activity: Talks and presentations › Conference presentations

Vitamin D status in adolescent girls, elderly women and immigrants  
Activity: Talks and presentations › Conference presentations

Vitamin D status and effect of vitamin D supplementation among Pakistani immigrants in Denmark  
Activity: Talks and presentations › Conference presentations

Hypovitaminosis D in Europe  
Activity: Talks and presentations › Conference presentations

Immigrants – vitamin D, bone accretion and lack of sun exposure  
Activity: Talks and presentations › Conference presentations

OPTIFORD: Towards a strategy for optimal vitamin D fortification  
Activity: Talks and presentations › Conference presentations

Vitamin D intake and status of Pakistani immigrants in Denmark  
Activity: Talks and presentations › Conference presentations

Vitamin D status hos to risikogrupper i fire europæiske lande  
Activity: Talks and presentations › Conference presentations
EuroFoodChem X
Activity: Attending an event › Participating in or organising a conference

Press clippings:

D-vitamin og berigelse
Press/Media: Press / Media