

Curriculum Vitae

Personal Details

Name	Jacob Juel Christensen
Address	Gaustadveien 23A, 0372 Oslo, Norway
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Email	j.j.christensen@medisin.uio.no
Date of birth	December 20th, 1986
Nationality	Norwegian

Education and authorization

Post graduate education

06/2017 – present day Statistics and bioinformatics (data science) for the life sciences
Topic: I currently work to acquire a sufficiently large toolbox of data science skills, with main focus around R and RStudio. Therefore, I invest a large amount of time and money on physical resources such as books, and I continuously attend webinars and E-courses, particularly at DataCamp and edX. Also, I have attended University courses at the University of Oslo and the RStudio course in connection with the RStudio conference in San Diego (Jan-Feb 2018).

University education

04/2014 – 08/2017 Doctoral degree (PhD)
University of Oslo, Oslo, Norway, and Oslo University Hospital Rikshospitalet, Oslo, Norway
Supervisors: Prof. Kirsten B. Holven (main supervisor), PhD, Prof. Kjetil Retterstøl, MD, PhD, Prof. Leiv Ose, MD, PhD
Title of doctoral thesis: Early life cholesterol exposure in children with familial hypercholesterolemia and healthy children (approved 30.05.2017, defended 21.08.2017)

07/2013 – 12/2061 Authorized Clinical Dietitian (License: 6182046)
Norwegian Directorate of Health, Registration Authority for Health Personnel (SAFH), Norway

08/2012 – 06/2013 Master Thesis
University of Oslo, Oslo, Norway
Supervisors: Christian A. Drevon, Anders Kielland
Title of master thesis: Differentiation of skeletal muscle cells in culture – Experimental conditions and expression of myokines

08/2011 – 06/2013 Master of Clinical Nutrition
University of Oslo, Norway

08/2008 – 06/2011 Bachelor of Science
University of Oslo, Norway, and University of Stellenbosch, South Africa

Primary education (schooling)

08/2007 – 06/2008 Specialization in Science and General Studies
Bjørknes Private Upper Secondary School, Oslo, Norway

08/2002 – 06/2005 Physical Education and Sports
Asker Upper Secondary School, Asker, Norway

Work experience

09/2017 – present day Researcher
Department of Nutrition, Institute of Basic Medical Sciences, University of Oslo, Norway
Topic: I have the main responsibility for multiple research projects, mainly related to state-of-

the-art data analysis (see post graduate education for further details)

07/2013 – present day	Clinical Dietitian (kef) Lommelegen (lommelegen.no), Aller Media AS, Oslo, Norway <i>Topic: I answer questions related to related to clinical dietetics, nutrition, physical activity and health</i>
04/2014 – 08/2017	Doctoral degree (PhD) University of Oslo, Norway, and Oslo University Hospital Rikshospitalet, Norway Supervisors: Prof. Kirsten B. Holven, PhD (main supervisor), Prof. Kjetil Retterstøl, MD, PhD, Prof. Leiv Ose, MD, PhD <i>Title of doctoral thesis: Early life cholesterol exposure in children with familial hypercholesterolemia and healthy children (approved 30.05.2017, defended 21.08.2017)</i>
09/2016 – 11/2016	University Lecturer University of Oslo, Norway <i>Topic: Clinical communication skills, teaching for under-graduate students</i>
08/2013 – 04/2014	University College Lecturer/Project Coordinator Oslo and Akershus University College, Norway, and University of Oslo, Norway <i>Topic: Coordination and implementation of practical aspects of a clinical nutrition research study</i>
01/2012 – 06/2013	Lecturer/Nutritionist Student Welfare Organization in Oslo (SiO), Norway <i>Topic: Weekly dietary counseling sessions for healthy subjects, as well as lectures about general nutrition topics</i>
11/2011 – 06/2013	Assistant The Sleep Laboratory, Lovisenberg Diakonale Sykehus (LDS), Oslo, Norway <i>Topic: Examination of individuals with sleep disorders (using polysomnography)</i>
05/2009 – 08/2012	Diver Naval Home Guard (Sjøheimevernet, SHV), Karljohansvern, Horten, Norway <i>Topic: Diver for the SHV task force at the eastern part of Norway</i>
07/2006 – 06/2007	Diver The Norwegian Navy, Haakonshvern, Bergen, Norway <i>Topic: Military service, diver for the Coast Guard KV Ålesund</i>

Additional skills

Volunteering

03/2015 – present day	Vice President for The Norwegian Association of Clinical Dietitians Affiliated with The Norwegian Association of Researchers (KEFF)
08/2009 – 08/2012	Member of the Student Council for Nutrition University of Oslo, Norway
08/2005 – 08/2008	Kickboxing coach for Beginner and Advanced Courses

Sports activities

08/2003 – 08/2009	Part of the Norwegian Full Contact Kickboxing team (Fighter Kickboxing Club)
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Languages

Norwegian (native), English (fluent, both writing and speaking)

Computer literacy

Windows and Mac User Interface, Office Suite, SPSS, GraphPad, R/R Studio

Key scientific publications

Stine M. Ulven, Jacob J. Christensen, Ottar Nygård, Asbjørn Svardal, Lena Leder, Vibeke H. Telle-Hansen, Linda Granlund, Inger Ottestad, Vegard Lysne, Johnny L. Borge, Per Magne Ueland, Øivind Midttun, Lene F. Andersen and Kirsten B. Holven. *Using metabolic profiling and gene expression analyses to explore molecular effects of replacing saturated fat with polyunsaturated fat- a randomized controlled dietary intervention study* (in preparation).

Christensen JJ, Bakke SS, Ulven SM, Retterstøl K, Henriksen T, Bollerslev J, Espevik T, Ryan L, Aukrust P, Halvorsen B, Holven KB. *Association between plasma omega 6 fatty acids and inflammatory gene expression in peripheral blood mononuclear cells: a cross-sectional study in healthy children* (in preparation).

Narverud, Ingunn; Christensen, Jacob J.; Ottestad, Inger; Ulven, Stine Marie & Holven, Kirsten Bjørklund (2017). *Misvisende om kosthold i ny nasjonal retningslinje for forebygging av hjerte- og karsykdommer*. Tidsskrift for Den norske legeforening. ISSN 0029-2001. 137(20). doi: 10.4045/tidsskr.17.0834

Christensen, Jacob J.; Ulven, Stine Marie; Retterstøl, Kjetil; Narverud, Ingunn; Bogsrud, Martin Prøven; Henriksen, Tore; Bollerslev, Jens; Halvorsen, Bente; Aukrust, Pål & Holven, Kirsten Bjørklund (2017). *Comprehensive lipid and metabolite profiling of children with and without familial hypercholesterolemia: A cross-sectional study*. Atherosclerosis. ISSN 0021-9150. 266, s 48- 57. doi: 10.1016/j.atherosclerosis.2017.09.021

Gjevestad, Gyrd Omholt; Hamarsland, Håvard; Raastad, Truls; Christensen, Jacob J.; Biong, Anne Sofie; Ulven, Stine Marie & Holven, Kirsten Bjørklund (2017). *Eleven weeks of strength training decreased the expression of immune-related genes in older subjects independent of protein supplement type; a randomized controlled trial*. Journal of Aging Research & Clinical Practice. ISSN 2273-421X. 6, s 182- 190. doi: <http://dx.doi.org/10.14283/jarcp.2017.24>

Telle-Hansen, Vibeke; Christensen, Jacob J.; Ulven, Stine Marie & Holven, Kirsten Bjørklund (2017). *Does dietary fat affect inflammatory markers in overweight and obese individuals? - a review of randomized controlled trials from 2010 to 2016*. Genes & Nutrition. ISSN 1555-8932. 12:26, s 1- 18. doi: 10.1186/s12263-017-0580-4

Gjevestad GO, Hamarsland H, Raastad T, Ottestad I, Christensen JJ, Eckardt K, Drevon CA, Biong AS, Ulven SM, Holven KB. Gene expression is differentially regulated in skeletal muscle and circulating immune cells in response to an acute bout of high-load strength exercise. Genes Nutr. 2017 Mar 3;12:8. doi: 10.1186/s12263-017-0556-4. eCollection 2017.

Christensen JJ, Osnes LT, Halvorsen B, Retterstøl K, Bogsrud MP, Wium C, Svilaas A, Narverud I, Ulven SM, Aukrust P, Holven KB. *Altered leukocyte distribution under hypercholesterolemia: A cross-sectional study in children with familial hypercholesterolemia*. Atherosclerosis. 2017 Jan;256:67-74. doi: 10.1016/j.atherosclerosis.2016.11.031. Epub 2016 Dec 1.

Christensen JJ, Osnes LT, Halvorsen B, Retterstøl K, Bogsrud MP, Wium C, Svilaas A, Narverud I, Ulven SM, Aukrust P, Holven KB. *Data on circulating leukocyte subpopulations and inflammatory proteins in children with familial hypercholesterolemia and healthy children*. Data Brief. 2016 Dec 29;10:587-592. doi: 10.1016/j.dib.2016.12.042. eCollection 2017 Feb.

Christensen JJ, Retterstøl K, Godang K, Roland MC, Qvigstad E, Bollerslev J, Ueland T, Henriksen T, Holven KB. *LDL cholesterol in early pregnancy and offspring cardiovascular disease risk factors*. J Clin Lipidol. 2016 Nov - Dec;10(6):1369-1378.e7. doi: 10.1016/j.jacl.2016.08.016. Epub 2016 Sep 8.

Ulven SM, Leder L, Elind E, Ottestad I, Christensen JJ, Telle-Hansen VH, Skjetne AJ, Raael E, Sheikh NA, Holck M, Torvik K, Lamglait A, Thyholt K, Byfuglien MG, Granlund L, Andersen LF, Holven KB. *Exchanging a few commercial, regularly consumed food items with improved fat quality reduces total cholesterol and LDL-cholesterol: a double-blind, randomised controlled trial*. Br J Nutr. 2016 Oct;116(8):1383-1393. Epub 2016 Oct 14.

Narverud I, van Lennep JR, Christensen JJ, Versmissen J, Gran JM, Iversen PO, Aukrust P, Halvorsen B, Ueland T, Ulven SM, Ose L, Veierød MB, Sijbrands E, Retterstøl K, Holven KB. *Maternal inheritance does not predict cholesterol levels in children with familial hypercholesterolemia*. Atherosclerosis. 2015 Nov;243(1):155-60. doi: 10.1016/j.atherosclerosis.2015.09.014. Epub 2015 Sep 9.