

Curriculum vitae: Aila Vanhatalo

1 Personal details

- surname, first names: Vanhatalo, Aila Orvokki
- ORCID: 0000-0003-0288-8237
- year of birth: 1960
- nationality: Finnish
- website: <https://tuhat.helsinki.fi/portal/en/person/aovanhat>
- CV dated: December 2018

2 Education and degrees completed

- Title of Docent, Animal nutrition, University of Helsinki, Faculty of Agriculture and Forestry, 14.11.2000
- Dr. Sc. (agr.), University of Helsinki, Faculty of Agriculture and Forestry, Animal science, 31.3.1995
- Lic.Sc. (agr.), University of Helsinki, Faculty of Agriculture and Forestry, Animal science, 24.4.1992
- M.Sc. (agr.), University of Helsinki, Faculty of Agriculture and Forestry, Animal science, 20.11.1987

3 Current position

- Professor of Animal Science, University of Helsinki, 1.8.2004 -

4 Previous work experience

- Principal Research Scientist, MTT Agrifood Research Finland, 1998-31.7.2004
- Post-doctoral studies at Hannah Research Institute, Scotland, UK, 1996
- Research Scientist, MTT Agrifood Research Finland, 1.1.1988-1998
- Research Assistant, Agricultural Research Centre of Finland, 1.4.1987-31.12.1987
- Research Assistant, University of Helsinki, 1986

5 Personal research funding and grants

(major research funding as principal investigator since 2004, in total 2.5 million euros)

- Dairy products with reduced saturated fatty acids funded by European Institute of Innovation and Technology (EIT Food Project 18095).
- Potential of feed processing and amino acid supplementation to improve feed N utilization in dairy cows funded by Ministry of Agriculture and Forestry, Raisioagro Ltd, Nordic Soya Ltd.
- Algae Foods – potential of micro algae in protein supplementation of dairy cow feed rations funded by European Agricultural Fund for Rural Development.
- Professor's Research Sabbatical funded by Finnish Union of University Professors.
- Use of domestic grain legumes to improve self-sufficiency in the milk production chain funded by Ministry of Agriculture and Forestry and Raisioagro Ltd.
- Omegamilk from red clover and camelina funded by Tekes, Valio Ltd, Raisioagro Ltd and Kemira Ltd.
- Lipgene project: Diet, genomics and the metabolic syndrome: an integrated nutrition, agro-food, social and economic analysis, funded by EU 6th Framework programme.
- Red clover efficiently into organically produced milk funded by Ministry of Agriculture and Forestry, Valio Ltd, MTT (Competitive funds) and National Emergency Supply Agency.

6 Leadership and supervision experience

- Director of the AGFOREE doctoral programme 2018 - ; Vice-chair of the AGFOREE 2014-2017
- Leader of the 'Ruminant nutrition' research group at the Department of Agricultural Sciences 2004 –
- Team leader of the 'Ruminant nutrition physiology and metabolism' research group (4-5 research scientists) at MTT Agrifood Research Finland 1998-2004
- Supervision/co-supervision of postdoctoral researchers: Dr. Anni Halmemies-Beauchet-Filleau 2014-
- Ten Ph.D. theses supervised/co-supervised: Nanbing Qin 2018, Shaimaa Selim 2015, Auvo Sairanen 2014, Anni Halmemies-Beauchet-Filleau 2013, Kaisa Kuoppala 2010, Arto Huuskonen 2009, Helena Hepola 2008, Mikko Korhonen 2003, Chang-Weon Choi 2003, Seppo Ahvenjärvi 2002
- Currently supervising/co-supervising five Ph.D. students
- Twenty-two M.Sc. theses supervised, currently supervising two M.Sc. students

7 Teaching experience and pedagogical competence

- Responsible Professor in the subject of Animal Nutrition 2012 –
- Responsible teacher in Ruminant nutrition physiology of candidate and master level courses 2004 –
- Board member of the MSc Programme in Agricultural Sciences 2018 -
- Chair of the major committee of Animal Science 2010-2017
- Member of the Management Committee of Erasmus Mundus MSc Food of Life 2009-2012
- Member of the Research and Postgraduate studies Committee 2007-2009, 2014-2017
- University pedagogy I, 10 ECTS, University of Helsinki 2004-2005

8 Experience of organising scientific meetings

- Member of the International Advisory Committee of 10th International Symposium on the Nutrition of Herbivores (ISNH10), September 2-6, 2018 - Clermont-Ferrand (France), 2014-2018
- Management committee member of COST Action DairyCare <http://www.dairycareaction.org/2014-2017>
- Chair of the Scientific Committee and participant in the Organizing Committee of the XVI International Silage Conference 2012 held in Hämeenlinna, Finland 2-4 July 2012
- Organizer of the Agricultural Sciences Conference of The Scientific Agricultural Society of Finland in various roles (such as the chairperson of the Society) during 2002-2010.

9 Other key scientific or academic merits

- Service as an opponent for PhD thesis of Giske Troan, Norwegian University of Life Sciences (NMBU) 2017, Annika Höjer, SLU 2013, Nazir Khan, University of Wageningen, Netherlands 2011
- Member of the PhD dissertation committee at Swedish University of Agricultural Sciences (SLU): Rebecca Danielsson 2016, Linda Karlsson 2010, Helena Hedqvist 2004
- Chair of Professorship/Tenure Track Professorship Appointment Committee /agrotechnology 2015
- Member of Professorship Appointment Committee (Field of Animal Science 2008, 2011, 2012, 2013)
- Evaluation of professorship candidates for Aarhus University, Denmark 2017, 2018
- Evaluation of a professorship for University of Copenhagen 2018, Bioforsk, Norway 2015, MTT Agrifood Research Finland 2014, SLU 2006, 2010, 2014, University of Life Sciences, Norway 2008
- Member of the Scientific Evaluation Committee of the ERANET SUSAN, French National Research Agency ANR, 2016; Evaluation of an AIAS-COFUND fellowships for Aarhus University 2014; Evaluation of research funding application for SLU EkoForsk 2013
- Member of the international evaluation committee on External Evaluation of Animal Science study programmes of Department of Animal and Aquacultural Sciences (IHA), Norwegian University of Life Sciences (UMB), October 26-30, 2009
- Vice-director of the Department of Agricultural Sciences 2014-2017, 2018 -
- Member of the Executive Board of the Department of Agricultural Sciences 2014-2017, 2018 -
- Member/Vice member of the Faculty Board 2004-2009, 2010-2013, 2014-2017, 2018 -
- Regular or occasional reviewing for journals such as Journal of Dairy Science, Animal, Journal of Animal Science, Livestock Science, Animal Feed Science and Technology, Grass and Forage Science, Plos One, Small Ruminant Research, Animal Production Science, GCB Bioenergy, Agricultural and Food Science

10 Publications

- Authored or co-authored 81 peer-reviewed publications
- Authored or co-authored more than 150 conference papers or writings in professional magazines
- H-index 26, total number of citations 1714 (Scopus December 2018)
- Patents 2

11 Memberships and positions of trust in scientific societies

- Member of the Finnish Academy of Science and Letters 2016 -
- Chairperson of the Scientific Agricultural Society of Finland 2007-2009
- Visiting Editor of the three Special Issues of Agricultural and Food Science 2006, 2009, 2013
- Editor of the Proceedings of the XVI International Silage Conference 2012
- Member of American Dairy Science Association 2004 -
- Member of the Editorial Board of Agricultural and Food Science 2001-2005