CURRICULUM VITAE
Eirill Ager-Wick

Personal data

Date of Birth:	08.04.1983
Nationality:	Norwegian
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Education

2009-2014	**PhD**, Norwegian University of Life Sciences, Norway Research stays at Leiden University, The Netherlands and National Institute for Basic Biology, Japan
2005-2007	**MSc** in Biotechnology, University of Life Sciences, Norway
2002-2005	**BSc** in Biotechnology, University of Life Sciences, Norway Exchange student at Makerere University, Uganda and Faculty of Life Sciences, University of Copenhagen, Denmark
1999-2002	Arendal videregående skole, general studies

Work experience

07/15-	Project Manager/EU administrator (50% position over 4 years) for the Marie Curie Innovative Training Network 'Improved production strategies for endangered freshwater species' (IMPRESS), funded by the H2020 Programme of the European Commission. Section for Biochemistry and Physiology, Department of Basic Sciences and Aquatic Medicine, Norwegian University of Life Sciences. Project homepage: http://www.impress-itn.eu/
07/15-	Postdoctoral Research Fellow (50% position over 4 years), Section for Biochemistry and Physiology, Department of Basic Sciences and Aquatic Medicine, Norwegian University of Life Sciences. Personal Postdoctoral grant received from the Aquaculture Programme (HAVBRUK) of the Norwegian Research Council. Research project: Pubertal activation in Atlantic salmon. Research group homepage: https://www.nmbu.no/go/weltzienlab
07/15-12/15	Postdoctoral fellow (10% position), Institute for Cancer Research, Department of Molecular Oncology, Oslo University Hospital (Norwegian Radium Hospital)
08/14-06/15	Researcher (part time position), Section for Biochemistry and Physiology, Department of Basic Sciences and Aquatic Medicine, Norwegian University of Life Sciences
02/14-06/15	Postdoctoral Research Fellow, Institute for Cancer Research, Department of Molecular Oncology, Oslo University Hospital (Norwegian Radium Hospital) Research project: DNA methylation biomarkers in cancer
06/09-02/14	PhD-student, Section for Biochemistry and Physiology, Department of Basic Sciences and Aquatic Medicine, Norwegian University of Life Sciences PhD thesis: "*Transcriptome profiling of teleost pituitaries* *- RNA-seq studies of whole pituitaries from European eel and pure populations*

	of luteinizing hormone-expressing gonadotrope cells from medaka" Teaching experience: Giving lectures in physiology to veterinary students and animal caretaker students and MSc students in lab work and writing of thesis
05/07-05/09	Research Engineer, Department of Virology, Institute of Microbiology, Oslo University Hospital (Rikshospitalet) Research project: *Mitochondrial biogenesis during Human Cytomegalovirus Infection* Adenovector core facility: Design, construction and production of viral vectors
2006	Lab assistant (part time), Department of Bacteriology, Institute of Microbiology, Oslo University Hospital (Rikshospitalet)

Courses

10/14	DNA Methylation analysis, ecSeq Bioinformatics, Leipzig, Germany (2 days)
09/14	Next generation sequencing data analysis, Leiden University Medical Centre, The Netherlands (3 days)
02/13	High-throughput Omics and Data Integration workshop, Barcelona, Spain (3 days)
10/12	High Throughput Sequencing technologies and bioinformatics analysis, University of Oslo (10 days)
06/12	Next Generation Sequencing Analysis with Chipster, CSC - IT Center for Science, Helsinki, Finland (2 days)
11/11	6th NIBB International Practical Course "Developmental Genetics of Medaka IV", National Institute for Basic Biology, Japan (8 days)
05/11	Next generation Sequencing Course, University of Oslo (2 days)

Research funding

PhD position (co- supervisor), funding from the Norwegian University of Life Sciences: 3 Mill NOK, 2016-2019

Personal Postdoctoral grant from the Aquaculture Programme (HAVBRUK) of the Norwegian Research Council: 2 Mill NOK, 2015-2019

Scientific publications

Ager-Wick E, Fontaine R, Weltzien FA, Henkel CV. Plasticity of luteinizing hormone producing gonadotrope cells in medaka reveal a complex regulation of hormone production in the teleost fish pituitary. Manuscript in prep.

Grønlien HK, Fontaine R, Hodne K, Tysseng I, **Ager-Wick E**, Weltzien FA and Haug TM. Gonadotropes display extensions with multiple functions in the teleost fish medaka (*Oryzias latipes*). Submitted.

Fontaine R, **Ager-Wick E**, Hodne K, Weltzien FA. Plasticity of Lh cells caused by cell proliferation and recruitment of existing cells. In press.

Ager-Wick E, Hodne K, Fontaine R, von Krogh K, Haug TM, Weltzien FA. Preparation of a High-quality Primary Cell Culture from Fish Pituitaries. J. Vis. Exp. (138), e58159, 2018.

Strandabø RAU, Grønlien HK, **Ager-Wick E**, Nourizadeh-Lillabadi R, Hildahl JP, Weltzien FA, Haug TM. Identified *lhb*-expressing cells frommedaka (*Oryzias latipes*) show similar Ca^{2+}-response to all endogenous Gnrh forms, and reveal expression of a novel fourth Gnrh receptor. Gen Comp Endocrinol. 229: 19-31, 2016.

Ager-Wick et al. Using normalization to resolve RNA-seq biases caused by amplification from minimal input. Physiol Genomics. 46: 808-820, 2014.

Ager-Wick et al. The pituitary gland of European eel reveals massive expression of genes involved in the melanocortin system. PLoS One 8(10):e77396, 2013.

Strandabø RAU, Hodne K, **Ager-Wick E**, Sand O, Weltzien FA, Haug TM. Signal transduction involved in GnRH2-stimulation of identified LH-producing gonadotropes from lhb-GFP transgenic medaka (*Oryzias latipes*). Mol Cell Endocrinol. 372(1-2):128-39, 2013.

Kaarbø M, **Ager-Wick E**, Osenbroch PO, Kilander A, Skinnes R, Müller F, Eide L. Human cytomegalovirus infection increases mitochondrial biogenesis. Mitochondrion. 11(6):935-45, 2011.

Rødland EK, **Ager-Wick E**, Halvorsen B, Müller F, Frøland SS. Toll like receptor 5 (TLR5) may be involved in the immunological response *to Aspergillus fumigatus* in vitro. Med Mycol. 49(4):375-9, 2011.

Popular scientific publications

”Ekspert på kjønnsmodning”, Dagens navn, February 14th 2014, Agderposten.
http://www.agderposten.no/nyheter/ekspert-pa-kjonnsmodning-1.625412

”Moderne genteknologi kan løse utfordringer i oppdrettsnæringen”, PhD press release, February 7th 2014, Norwegian University of Life Sciences.
http://www.nmbu.no/sentrale-enheter/kommunikasjonsavdelingen/presserom/pressemeldinger/2014/eirill_ager-wick

”Controlling puberty onset in salmon”, January 13th 2014, Phys. Org.
http://phys.org/news/2014-01-puberty-onset-salmon.html

“Tar kontroll over kjønnsmodningen”, January 7th 2014, forskning.no
http://www.forskning.no/artikler/2013/desember/375263

“Tar kontroll over kjønnsmodningen”, Nytt fra HAVBRUK, nr. 3-4/2013. The Research Council of Norway.
http://www.forskningsradet.no/servlet/Satellite?c=Nyhet&pagename=havbruk%2FHovedsidemal&cid=1253990981166