

## Asst. Prof. Terje Marken STEINUM

### Personal Information

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### Education Information

Doctorate, Universitetet i Oslo (University Of Oslo), Norwegian School Of Veterinary Science, Norway 2005 - 2010  
Under Graduate, Universitetet i Oslo (University Of Oslo), Historical-Philosophical Institute, Department For Art History And Archaeology, Norway 2001 - 2002

Post Graduate, Universitetet i Oslo (University Of Oslo), Biological Institute, Faculty Of Mathematics And Natural Sciences, Department For General Genetics, Norway 1994 - 1996

### Foreign Languages

English, C2 Proficiency

Norwegian, C2 Proficiency

German, B1 Intermediate

### Dissertations

Doctorate, Microbial studies related to proliferative gill diseases in Atlantic salmon, The Norwegian School Of Veterinary Science, Xx, Xx, 2010

Post Graduate, Characterization of a genomic clone and the expression pattern of B12D, a transcript expressed in the aleurone and the embryo of developing barley (*Hordeum vulgare* L.) seeds." , Oslo University, Biological Institute, Faculty Of Mathematics And Natural Sciences, Department For General Genetics, 1996

### Research Areas

Life Sciences, Bioinformatics, Microbiology, Molecular Biology and Genetics, Microbial Genetics

### Academic Titles / Tasks

Assistant Professor, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2018 - Continues

Assistant Professor, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2014 - 2018

Other, --Seçiniz--, Norwegian Veterinary Institute, Fish And Animal, 2012 - 2014

Other, --Seçiniz--, Norwegian Veterinary Institute In Oslo, Section For Fish Health, 2005 - 2010

Other, --Seçiniz--, Norwegian Veterinary Institute In Oslo., Bacteriology, 2004 - 2005

Research Assistant, Universitetet i Oslo, Norwegian School Of Veterinary Medicine, Xx, 2004 - 2004

Other, Norges Veterinaerhoegskole (Norwegian College Of Veterinary Medicine), Norwegian Veterinary Institute , Bacteriology And Production Animals, 2002 - 2004

Other, --Seçiniz--, Tandberg Patentkontor (Patent Office) , Xx, 2002 - 2002

Other, Norges Veterinaerhoegskole (Norwegian College Of Veterinary Medicine), Institute For Pharmacology, Microbiology And Food Hygiene, Microbiology, 1997 - 2002

Other, University Of Oslo, General Genetics, General Genetics, 1996 - 1997

### Courses

Seminar, Post Graduate, 2019 - 2020  
Bitirme projesi II, Under Graduate, 2019 - 2020  
Paradigms in Host-pathogen interactions, Post Graduate, 2019 - 2020  
Scientific writing techniques, Under Graduate, 2019 - 2020  
Resistance in Bacterial pathogens, Post Graduate, 2019 - 2020  
Bitirme projesi I, Under Graduate, 2019 - 2020

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **The influence of diet on the microbiota of live-feed rotifers (*Brachionus plicatilis*) used in commercial fish larviculture.**  
Turgay E., Steinum T. M. , Eryalçın K. M. , Yardımcı R. E. , Karataş S.  
FEMS microbiology letters, vol.367, 2020 (Journal Indexed in SCI)
- **Impact of excessive sedimentation caused by anthropogenic activities on benthic suspension feeders in the Sea of Marmara**  
Topcu N. E. , Turgay E., Yardimci R. E. , Topaloglu B., Yuksek A., Steinum T. M. , Karatas S., Orturk B.  
Journal of the Marine Biological Association of the United Kingdom, vol.99, pp.1075-1086, 2019 (Journal Indexed in SCI Expanded)
- **Environmental biofilm communities associated with early-stage common dentex (*Dentex dentex*) culture**  
Turgay E., Steinum T. M. , COLQUHOUN D., Karatas S.  
JOURNAL OF APPLIED MICROBIOLOGY, vol.126, pp.1032-1043, 2019 (Journal Indexed in SCI)
- **Multilocus sequence analysis reveals extensive genetic variety within *Tenacibaculum* spp. associated with ulcers in sea-farmed fish in Norway**  
OLSEN A. B. , GULLA S., Steinum T. M. , COLQUHOUN D. J. , NILSEN H. K. , DUCHAUD E.  
VETERINARY MICROBIOLOGY, vol.205, pp.39-45, 2017 (Journal Indexed in SCI)
- **Multilocus Sequence Analysis of Close Relatives *Vibrio anguillarum* and *Vibrio ordalii***  
Steinum T. M. , Karatas S., MARTINUSSEN N. T. , Meirelles P. M. , Thompson F. L. , COLQUHOUN D. J.  
APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol.82, pp.5496-5504, 2016 (Journal Indexed in SCI)
- **An outbreak of scuticociliatosis in cultured common dentex (*Dentex dentex*) in Turkey**  
Turgay E., Steinum T. M. , GUL A. E. , Karatas S.  
BULLETIN OF THE EUROPEAN ASSOCIATION OF FISH PATHOLOGISTS, vol.35, pp.104-111, 2015 (Journal Indexed in SCI)
- **'*Candidatus Branchiomonas cysticola*' is a common agent of epitheliocysts in seawater-farmed Atlantic salmon *Salmo salar* in Norway and Ireland**  
MITCHELL S. O. , Steinum T. M. , TOENSHOFF E. R. , KVELLESTAD A., FALK K., HORN M., COLQUHOUN D. J.  
DISEASES OF AQUATIC ORGANISMS, vol.103, pp.35-43, 2013 (Journal Indexed in SCI)
- **Characterization and expression of the *gyrA* gene from quinolone resistant *Yersinia ruckeri* strains isolated from Atlantic salmon (*Salmo salar* L.) in Norway**  
SHAH S. Q. A. , Karatas S., NILSEN H., Steinum T. M. , COLQUHOUN D. J. , SORUM H.  
AQUACULTURE, vol.350, pp.37-41, 2012 (Journal Indexed in SCI)
- **A Novel Betaproteobacterial Agent of Gill Epitheliocystis in Seawater Farmed Atlantic Salmon (*Salmo salar*)**  
TOENSHOFF E. R. , KVELLESTAD A., MITCHELL S. O. , Steinum T. M. , FALK K., COLQUHOUN D. J. , HORN M.  
PLOS ONE, vol.7, 2012 (Journal Indexed in SCI)
- **Microbial and pathological findings in farmed Atlantic salmon *Salmo salar* with proliferative gill inflammation**  
Steinum T. M. , KVELLESTAD A., COLQUHOUN D. J. , HEUM M., MOHAMMAD S., GRONTVEDT R. N. , FALK K.  
DISEASES OF AQUATIC ORGANISMS, vol.91, pp.201-211, 2010 (Journal Indexed in SCI)
- **Epitheliocystis in Atlantic salmon, *Salmo salar* L., farmed in fresh water in Ireland is associated with '*Candidatus Clavochlamydia salmonicola*' infection**  
MITCHELL S. O. , Steinum T. M. , RODGER H., HOLLAND C., FALK K., COLQUHOUN D. J.  
JOURNAL OF FISH DISEASES, vol.33, pp.665-673, 2010 (Journal Indexed in SCI)

- **An RT PCR-DGGE survey of gill-associated bacteria in Norwegian seawater-reared Atlantic salmon suffering proliferative gill inflammation**  
Steinum T. M. , SJASTAD K., FALK K., KVELLESTAD A., COLQUHOUN D. J.  
AQUACULTURE, vol.293, pp.172-179, 2009 (Journal Indexed in SCI)
- **Real time PCR detection of *Piscirickettsia salmonis* from formalin-fixed paraffin-embedded tissues**  
Karatas S., MIKALSEN J., STEINUM T. M. , TAKSDAL T., BORDEVIK M., COLQUHOUN D. J.  
JOURNAL OF FISH DISEASES, vol.31, pp.747-753, 2008 (Journal Indexed in SCI)
- **First cases of amoebic gill disease (AGD) in Norwegian seawater farmed Atlantic salmon, *Salmo salar* L., and phylogeny of the causative amoeba using 18S cDNA sequences**  
Steinum T. M. , KVELLESTAD A., RONNEBERG L. B. , NILSEN H., ASHEIM A., FJELL K., NYGARD S. M. R. , OLSEN A. B. , DALE O. B.  
JOURNAL OF FISH DISEASES, vol.31, pp.205-214, 2008 (Journal Indexed in SCI)
- **The *smr* gene resides on a novel plasmid pSP187 identified in a *Staphylococcus pasteurii* isolate recovered from unpasteurized milk**  
BJORLAND J., BRATLIE M. S. , Steinum T. M.  
PLASMID, vol.57, pp.145-155, 2007 (Journal Indexed in SCI)
- **Deletion of pT181-like sequence in an *smr*-encoding mosaic plasmid harboured by a persistent bovine *Staphylococcus warneri* strain**  
BJORLAND J., Steinum T. M. , SUNDE M., WAAGE S., SVILAND S., OPPEGAARD H., HEIR E.  
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY, vol.57, pp.46-51, 2006 (Journal Indexed in SCI)
- **Widespread distribution of disinfectant resistance genes among staphylococci of bovine and caprine origin in Norway**  
BJORLAND J., Steinum T. M. , KVITILE B., WAAGE S., SUNDE M., HEIR E.  
JOURNAL OF CLINICAL MICROBIOLOGY, vol.43, pp.4363-4368, 2005 (Journal Indexed in SCI)
- **Novel plasmid-borne gene *qacJ* mediates resistance to quaternary ammonium compounds in equine *Staphylococcus aureus*, *Staphylococcus simulans*, and *Staphylococcus intermedius***  
BJORLAND J., Steinum T. M. , SUNDE M., WAAGE S., HEIR E.  
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol.47, pp.3046-3052, 2003 (Journal Indexed in SCI)
- **Organization of the antiseptic resistance gene *qacA* and Tn552-related beta-lactamase genes in multidrug-resistant *Staphylococcus haemolyticus* strains of animal and human origins**  
ANTHONISEN I., SUNDE M., Steinum T. M. , SIDHU M., SORUM H.  
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol.46, pp.3606-3612, 2002 (Journal Indexed in SCI)
- **Horizontal transfer of a multi-drug resistance plasmid between coliform bacteria of human and bovine origin in a farm environment**  
OPPEGAARD H., Steinum T. M. , WASTESON Y.  
APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol.67, pp.3732-3734, 2001 (Journal Indexed in SCI)
- **Stability of barley aleurone transcripts: Dependence on protein synthesis, influence of the starchy endosperm and destabilization by GA(3)**  
AALEN R., SALEHIAN Z., Steinum T. M.  
PHYSIOLOGIA PLANTARUM, vol.112, pp.403-413, 2001 (Journal Indexed in SCI)
- **Differential regulation of the barley (*Hordeum vulgare*) transcripts B22E and B12D in mature aleurone layers**  
Steinum T. M. , BERNER H., STACYR., SALEHIAN Z., AALEN R.  
PHYSIOLOGIA PLANTARUM, vol.102, pp.337-345, 1998 (Journal Indexed in SCI)
- **A peroxiredoxin antioxidant is encoded by a dormancy-related gene, *Per1*, expressed during late development in the aleurone and embryo of barley grains**  
STACYR., MUNTHE E., Steinum T. M. , SHARMA B., AALEN R.  
PLANT MOLECULAR BIOLOGY, vol.31, pp.1205-1216, 1996 (Journal Indexed in SCI)

## Supported Projects

TURGAY E., YARDIMCI R. E. , STEINUM T. M. , KARATAŞ STEINUM S., ERYALÇIN K. M. , Project Supported by Higher

Education Institutions, Farklı yemlerle beslemenin, rotiferlerin (*Brachionus plicatilis*) ve rotifer kültürü yapılan suyun bakteriyel mikrobiyotası üzerine etkisi, 2017 - 2018

KARATAŞ STEINUM S., STEINUM T. M. , YARDIMCI R. E. , TURGAY E., Project Supported by Higher Education Institutions, AN OUTBREAK OF PHOTOBACTERIOSIS IN PUBLIC AQUARIUM HELD SMOOTHHOUND SHARKS *MUSTELUS MUSTELUS* LINNAEUS 1758, 2017 - 2018

## Citations

Total Citations (WOS):728

h-index (WOS):14