Joao de Jesus Gregersen

Organisations

**PhD Student, National Institute of Aquatic Resources**
25/03/2014 → present
jdjg@aqua.dtu.dk
VIP

**Section for Aquaculture**
10/01/2017 → present
VIP

**Danish Shellfish Centre**
26/03/2014 → 10/01/2017 Former
VIP

Publications:

**Micro particles in Danish Model Trout Farms**

**General information**
State: Published
Organisations: National Institute of Aquatic Resources, Section for Aquaculture
Authors: de Jesus Gregersen, J. (Intern), Pedersen, P. B. (Intern), Pedersen, L. (Intern), Møller, B. (Intern), Dalsgaard, A. J. T. (Intern)
Number of pages: 56
Pages: 43
Publication date: 2017

**Host publication information**
Title of host publication: 4th NordicRAS Workshop on Recirculating Aquaculture Systems. Aalborg, Denmark, 12-13 October 2017: Book of Abstracts
Publisher: National Institute of Aquatic Resources, Technical University of Denmark
Editor: Dalsgaard, A. J. T.
ISBN (Print): 978-87-7481-241-8
ISBN (Electronic): 978-87-7481-240-1

Series: DTU Aqua Report
Number: 321-17
ISSN: 1395-8216
Main Research Area: Technical/natural sciences
Conference: NordicRAS Workshop on Recirculating Aquaculture Systems, Aalborg, Denmark, 12/10/2017 - 12/10/2017
Electronic versions:

**Publishers version**
Publication: Research › Conference abstract in proceedings – Annual report year: 2017

**Costs and benefits of farming fish with selected behavioural and physiological traits**

**General information**
State: Published
Organisations: National Institute of Aquatic Resources, Section for Aquaculture, Danish Shellfish Centre
Authors: Skov, P. V. (Intern), de Jesus Gregersen, J. (Intern), Jokumsen, A. (Intern)
Publication date: 2015
Event: Abstract from Aquaculture 2015, Montpellier, France.
Main Research Area: Technical/natural sciences

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Source-ID: 116457839
Publication: Research › Conference abstract for conference – Annual report year: 2015
Projects:

**Micro particles in Aquaculture: cause and effects and ways to remove them**

National Institute of Aquatic Resources  
Period: 15/01/2017 → 14/01/2020  
Number of participants: 4  
Phd Student: de Jesus Gregersen, Joao (Intern)  
Supervisor: Pedersen, Per Bovbjerg (Intern)  
Pedersen, Lars-Flemming (Intern)  
Main Supervisor: Dalsgaard, Anne Johanne Tang (Intern)

**Financing sources**
Source: Internal funding (public)  
Name of research programme: Samfinansieret - Andet  
Project: PhD

**Resource efficiency in practice: from sugar beet waste to fish feed ingredient (Starfish) (39368)**
Sugar beet is a commonly cultivated crop in Denmark and the waste pulp is primarily sold as cow feed. The pulp, however, contains a potential prebiotic compound (pectin) that, if added to fish feed at low concentrations is hypothesized to:
1) improve the feed utilisation by the fish allowing more fish to be produced per amount of feed applied  
2) stabilize the structure of the faecal waste so that it may be easier collected and removed reducing the discharge of nitrogen- and phosphorous  
3) improve the overall immunological system/health status of the fish whereby the use of medicine and therapeutics may be reduced.

The objective of the project is to test these potential, beneficial effects of pectin in rainbow trout (*Oncorhynchus mykiss*) and tilapia (*Oreochromis niloticus*) by adding different molecular sizes and concentrations to the feed and measuring the effects on feed utilisation, faecal structure and fish health.

The project is coordinated by DTU Aqua.  
The project is funded by Ministry of Environment and Food of Denmark through the Green Development and Demonstration Program (GUDP).

National Institute of Aquatic Resources  
Section for Aquaculture

CP Kelco ApS  
BioMar A/S  
Period: 01/08/2016 → 31/07/2019  
Number of participants: 4  
Research area: Aquaculture  
Project participant: Larsen, Bodil Katrine (Intern)  
Skov, Peter Vilhelm (Intern)  
Phd Student: de Jesus Gregersen, Joao (Intern)  
Project Coordinator: Dalsgaard, Anne Johanne Tang (Intern)  
Project