Joao de Jesus Gregersen - DTU Orbit (11/02/2018)

Joao de Jesus Gregersen

Organisations

PhD Student, National Institute of Aquatic Resources
25/03/2014 → present
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VIP

Section for Aquaculture
10/01/2017 → present
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Danish Shellfish Centre
26/03/2014 → 10/01/2017 Former
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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
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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

Bibliographical note
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Source: PublicationPreSubmission
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)