

# 8<sup>TH</sup> ANNUAL SEMINAR ON MARINE SCIENCE & AQUACULTURE

Sustainable Development & Management  
of Aquatic Resources

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UNIVERSITI MALAYSIA SABAH



National Oceanography  
Directorate (NOD)

&

Human Resource Development  
(HRD) Unit, MOSTI



KINKI UNIVERSITY

**POSTER PRESENTATION**

**AQUACULTURE**

1. Purification and Characterization of Vitellogenin (VTG) from Plasma of Males, *Lates calcarifer*  
**INA-SALWANY, M.Y., FAZIELAWANIE, N.M.R., HARMIN, S.A. AND SIRAJ, S.S.**
2. Characterization of Vitellogenin in Male *Tor tambroides* using Size Exclusion Chromatography  
**N.A. MUHAMMAD, A. CHRISTIANUS, S.K. DAUD, M.Y. INA-SALWANY AND S.A. HARMIN**
3. The Potential of *Cassia alata* Flower and Leaf Extracts for Aquaculture Use  
**WENDY WEE, JULIUS YONG FU SIONG, DESY FITRYA SYAMSUMIR, LEE SEONG WEI, RUHIL HAYATI HAMDAN AND NUR HIDAYAHANUM HAMID**
4. Characterization Antimicrobial Property of *Casuarina equisetifolia* Leaf Extract Against Aquaculture Pathogenic Bacteria  
**WENDY WEE, JULIUS YONG FU SIONG, DESY FITRYA SYAMSUMIR, LEE SEONG WEI, RUHIL HAYATI HAMDAN AND NUR HIDAYAHANUM HAMID**
5. The Potential of *Citrus hystrix* Leaf Extract for Aquaculture Use  
**WENDY WEE, JULIUS YONG FU SIONG, DESY FITRYA SYAMSUMIR, LEE SEONG WEI, RUHIL HAYATI HAMDAN AND NUR HIDAYAHANUM HAMID**
6. Biological Activities of *Ficus deltoidea* Leaf Extract  
**WENDY WEE, JULIUS YONG FU SIONG, DESY FITRYA SYAMSUMIR, LEE SEONG WEI, NUR HIDAYAHANUM HAMID AND RUHIL HAYATI HAMDAN**
7. Antimicrobial and Antioxidant Properties of *Ixora javanica* Flower  
**WENDY WEE, JULIUS YONG FU SIONG, DESY FITRYA SYAMSUMIR, LEE SEONG WEI, NUR HIDAYAHANUM HAMID AND RUHIL HAYATI HAMDAN**
8. Producing Organic Fish and Two Plant Crops using the Aquaponics System  
**NORMALA WAHAP, ANNITA YONG SEOK KIAN, ABENTIN ESTIM, SHIGEHARU SENOO AND SALEEM MUSTAFA**
9. Effects of Physical Water Parameters on Susceptibility of Marine Fish to Vibriosis  
**VERONICA ALBERT JIRAN AND JULIAN RANSANGAN**
10. Dietary Protein and Lipid Requirements for Optimum Growth and Survival of Tiger Grouper, *Epinephelus fuscoguttatus*  
**ISABELLA EBI, ANNITA YONG AND ROSSITA SHAPAWI**
11. Poultry By-Product Meal as An Alternative Protein Source in the Diets for Juvenile Tiger Grouper, *Epinephelus fuscoguttatus*  
**ESTHER MICHELLE GUNBEN, ROSSITA SHAPAWI AND SHIGEHARU SENOO**
12. Determination of Visual Axis of Tiger Grouper Juveniles *Epinephelus fuscoguttatus* to Develop a Demand Feeding System  
**NAI HAN TAN, LEONG SENG LIM, RIAN FREDDIE FIRDAUS, CHUNG FAN LIAU AND YUKINORI MUKAI**
13. The Potential of Local *Dunaliella salina* Extract as Anticancer and Antioxidant Agent  
**NUR AISYAH N., AHMAD S.A., EFFENDY A.W.M, DESY F.S., AISHA S.M.R AND YONG J.F.S.**