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**Ramasamy Harikrishnan**

**Professor**

**Department of Aquatic**

**Biomedical Sciences**

**Jeju National University**

**South Korea**

**Tel: 82-064-754-3473**

**Fax: 82-064-756-3493**





## Biography

- I have finished my PhD from Bhatathidasan University during 2004. I am worked as Assistant Professor of Biotechnology in Bhatath College of Science and Management during 2005-2007. In 2007, I got Research Associate Fellowship in Council of Scientific and Industrial Research (CSIR), New Delhi and after I got another Post-Doctoral Fellow, Korea Science and Engineering Foundation (KOSEF) during 2008. Now I am working as Research Professor in the same institution since March 2009.



# Air & Water Borne Diseases

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- I have a sound background of molecular biology, innate immunity and studied the expression of several key cytokine genes innate immunity system mediated for probiotics and pharmaceutical herbals, nanoparticles encapsulated bacterial or viral vaccine by pattern recognition receptors (PRRs) by real time quantitative PCR of fishes during infection pathogens, which is related to biotechnology. I have 76 publications (including accepted papers) both national and international reputed journals including five review articles. Also I am editorial board member and Associated Editor of 11 international journals.



# Air & Water Borne Diseases

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Ramasamy Harikrishnan research interest include Molecular biology, innate immunity and studied the expression of several key cytokine genes innate immunity system mediated for probiotics and pharmaceutical herbals, nanoparticles encapsulated bacterial or viral vaccine by pattern recognition receptors (PRRs)

## **Publications**

**Effect of chemotherapy, vaccines and immunostimulants on innate immunity of goldfish infected with *Aeromonas hydrophila*.**

Harikrishnan R, Balasundaram C, Heo MS

**Lactobacillus sakei BK19 enriched diet enhances the immunity status and disease resistance to streptococcosis infection in kelp grouper, *Epinephelus bruneus***

Ramasamy Harikrishnan, Chellam Balasundaram,  
MoonSoo Heo



## **Poly D, L-lactide-co-glycolic Acid (PLGA)-encapsulated CpG-oligonucleotide (ODN) on Immune Response in *Cyprinus carpio* against *Aeromonas hydrophila***

Govintharaj Yogeshwari, Chandrasekar Jagruthi, Jesu Arockiaraj and Ramasamy Harikrishnan

## **Supplementation Diet Containing Probiotics, Herbal And Azadirachtin On Hematological And Biochemical Changes In *Cirrhina mrigala* Against *Aphanomyces invadans***

Ramasamy Harikrishnan, Chellam Balasundaram, MoonSoo Heo



**Diet enriched with mushroom *Phellinus linteus* extract enhances the growth, innate immune response, and disease resistance of kelp grouper, *Epinephelus bruneus* against vibriosis**

Ramasamy Harikrishnana, Chellam Balasundaramb,  
Moon-Soo Heoa.

**Effect of probiotics enriched diet on *Paralichthys olivaceus* infected with lymphocystis disease virus (LCDV)**

Ramasamy Harikrishnana, Chellam Balasundaramb,  
Moon-Soo Heoa.



**Innate immune response and disease resistance in  
Carassius auratus by triherbal solvent extracts**

Ramasamy Harikrishnana, Chellam Balasundaramb, Man-  
Chul Kima, Ju-Sang Kima, Yong-Jae Hana, Moon-Soo Heoa.

**Herbal supplementation diets on hematology and  
innate immunity in goldfish against Aeromonas  
hydrophila**

Ramasamy Harikrishnana, Chellam Balasundaramb, Moon-  
Soo Heoa.



## **Effect of traditional Korean medicinal (TKM) triherbal extract on the innate immune system and disease resistance in *Paralichthys olivaceus* against *Uronema marinum***

Ramasamy Harikrishnana, Jaehyun Heoa, Chellam Balasundaramb, Man-Chul Kima, Ju-Sang Kima, Yong-Jae Hana, Moon-Soo Heoa.

## **Lactuca indica extract as feed additive enhances immunological parameters and disease resistance in *Epinephelus bruneus* to *Streptococcus iniae***

Ramasamy Harikrishnana, Ju-Sang Kima, Man-Chul Kima, Chellam Balasundaramb, Moon-Soo Heoa.

# Journal of Air & Water Borne Diseases Related Journals

- Journal of Bacteriology & Parasitology
- Journal of Medical Microbiology & Diagnosis
- Journal of Microbial & Biochemical Technology
- Journal of Plant Pathology & Microbiology
- Journal of Vaccines & Vaccination



# Journal of Air & Water Borne Diseases Related Conferences

- Allergy Conference
- 4th Bacteriology and Infectious Diseases Conference
- 2nd Infectious Diseases Congress



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