

## Curriculum Vitae



### Personal Details

Name: Saeed Tamadoni Jahromi  
Date and place of birth: Aug.1.1964, Jahrom  
Marital status: married  
E-mail: Stamadoni@gmail.com

Address: Work: Persian Gulf and Oman Sea Ecological Research Institute, Khajeh  
Ata BLVD. p.o.box 1597

Hand phone: +989177633866

### Professional positions

Head of Persian Gulf Mollusk Research Station. 1998 -1999

Head of Biotechnology Dep. Persian Gulf and Oman Sea Ecological Research Institute.  
From 1999-Now

### Educational Background

Degree	Field of study	Years	University	Title of thesis
D.V.M	Veterinary Medicine	1990- 1996	Kazeroon azad uni.	Evaluation on chronic loose Wight without pain in horse
PhD	Biotechnology	2008- 2011	USM University Malaysia	MORPHOLOGICAL AND MOLECULAR ANALYSIS OF PENAEUS SEMISULCATUS FROM THE PERSIAN GULF AND OMAN SEA

## **Research Projects**

- | Titles   | years                   | Conductor/Co- supervisor/ Collaborator |
|--|-------------------------|--|
| The study on Quality Loss of Tunas during Handling from landing areas to processing Plants.  | 1998-2000               | Collaborator                           |
| Preparation of Silage from tuna wastes.  | 2002-2003               | Conductor                              |
| Molecular investigation of Oil sardine and introduce the molecular markers for 4 species of sardines in Persian Gulf and Oman Sea.   | 2003-2005               | Conductor                              |
| Molecular study on <i>P.indicus</i> in west and east of jask area by pcr-rflp technique.   | 2002-2003               | Collaborator                           |
| Detection of Best stocking density of <i>P.indicus</i> in semi-intensive system in Hormozgan Province.                               | 2001-2002               | Collaborator                           |
| Study on the status of health and disease in hatchery and shrimp culture in Iran.  | 2008-2011               | Collaborator                           |
| Molecular investigation of two commercial shrimp species ( <i>P.indicus</i> & <i>P. semisulcatus</i> ) using Microsatellite markers. | 2006- 2010              | Conductor                              |
| Morphological and molecular analysis of <i>Penaeus semisulcatus</i> from the Persian Gulf and Oman Sea.                              | 2006- 2011              | conductor                              |
| Preparation of Gene Bank and Barcoding the Fishes and shrimps from the Persian Gulf and Oman.  | 2013 -2015              | conductor (under possessing)           |
| Preparation of Gene Bank and Barcoding the Oysters from the Persian Gulf and Oman  | 2013 -2015              | Collaborator (under possessing)        |
| Biological control of harmful algal bloom with native bacteria in Persian Gulf   | 2013 -2015              | Collaborator (under possessing)        |
| Isolation of terpenoid compounds isolated from the dominant species of sea cucumber Persian Gulf.                                    | 2013 -2015              | Collaborator (under possessing)        |
| Taxonomy and the isolation of bioactive compounds and polyunsaturated fatty acids of the dominant macro algae from the Persian Gulf. | Collaborator 2013 -2015 | (under possessing)                     |
| Anti-cancer properties of Polysaccharides compounds from the dominant species of brown macro algae species in the Persian Gulf.      | 2013 -2015              | conductor (under possessing)           |

### **Student supervised / Co-supervised (M.Sc., D.V.M, Ph.D)**

I accepted 2 and 4 students as supervised and Co- supervised respectively for Molecular investigations on shrimp, fish and sea cucumber in M.Sc. and Ph.D level during 2012 -2015

### **Teaching Experiences**

Titles

Marine Biotechnology

Marine Parasitology

Marine fish diseases

Shrimp Aquaculture

Oyster Aquaculture

Applied genetic

### **Training Courses**

Titles

-Polymerase Chain Reaction (PCR)

-Application of Genetic in Aquaculture

-Workshop on Application of Electrophoresis

-Indian-Iranian course of shrimp Disease and health management

-GC and HPLC Application in Marine Biotechnology 2002 Varian & Knauer CO. (Germany)

-Gene Cloning and PCR Shahid Beheshti University

### **Membership in professional societies / Committees**

Member of scientific board of Persian Gulf and Oman sea ecological research institute, biotechnology Department.

Member of Iranian Biotechnology society.

Member of Marin health management society of veterinary medicine center of Bandar abbass, Iran.

Research interest

- Isolation of bioactive compounds including terpenoids and polysaccharides from the some species (Sea cucumber, Sponges , Macro algae and ...) to find the Anti-cancer and anti-bacterial properties.
- Molecular population study on marine recourses using molecular markers.
- Identification the molecular markers by Cloning and primer design.
- Monitoring and identification the marine viral diseases (especially in shrimps) using PCR methods.
- Gene bank preparation for marine recourses ( Fish, shrimp, oysters ,Crabs, marine algae, Mangrove plants) and barcoding the commercial species
- Biological control of harmful algal bloom using Macro algae extracts.
- Isolation and characterization of poly unsaturated fatty acids (DHA & EPA) from the marine tuna wastes.

## **Publications\***

- Seyd ali babaee, S, A. and tamadoni jahromi.S. (2003).molecular study on p.indicus in west and east of jask area by pcr-Rflp teqnique. Final report for Iranian fishery research organization.
- Tamadoni jahromi S. Roohani, K., Ejlali, K. and Ghroghi , A. ( 2007 ) . PUFA content of silage prepared from tuna cannery wastes. Iranian journal of fisheries science . Vol.6 no.2
- Saeid Tamadoni jahromi and Ahmad Sofiman Othman ( 2011 ) .Isolation and Characterization of novel microsatellite loci in Green Tiger shrimp ( Penaeus semisulcatus ) .International journal of life science and pharma resresearch.Vol.1
- Saeid Tamadoni Jahromi, Eisa Abdolalian, Fereshteh Saraji, Maryam Moezzi, Samad Hamzehee, Kiumars Roohani Ghadikolaei and Mohammad Reza Sadeghi. (2011) Identification and Molecular Phlogeny of the Dinoflegellate (Cochlodinium polykricoides) from Persian Gulf. International journal of Review in life science. vol.4
- Khosrow Chehri , **Saeed Tamadoni Jahromi**, Kasa R. N. Reddy , Saeed Abbasi and Baharuddin Salleh (2010 ). Occurrence of Fusarium spp. and Fumonisin in Stored Wheat Grains Marketed in Iran. Toxins. 2(12): 2816–2823
- Nazemi M, Alidost salami m, motalebi A. A., **Tamadoni Jahromi s.**, (2014). Antifungal and antibacterial activity of Halicolona sp from the Persian gulf , Iran, J Mycol Med. 2014 Sep;24(3):220-4.
- F Izadpanah, S Javadpour, K Malekzadeh, **S Tamadoni Jahromi**, M Rahimzadeh ( 2014). Isolation and identification of L-asparaginase producing actinomycetes from Persian Gulf. Bimonthly Journal of Hormozgan University of Medical Sciences. 18 (121-129)
- Tamadoni jahromi S. and Ghroghi A., (2003).Preparation of silage from four species of tuna eyes with emphasis on identification and comparison of pure unsaturated fatty acids. pajouhesh va sazandegi journal in animal &fisheries sciences.ISSN1019-9632 No 58 spring 2003
- Tamadoni Jahromi S., and Gharavi, B, (2004) study on effective of stocking on health indices in shrimp aquaculture. Iranian journal of fisheries science ISSN:1026-1354 winter 2004
- Akbari H.,Aftabsavar Y., Malakooti M.,**Tamadoni Jahromi s.**, and Ejlali khaneghah K., (2004). *Gracilaria corticata* Cultivation in fiberglass tanks and Agar extraction.Iranian journal of fisheries science ISSN: 1026-1354 winter 2004

- M. Nazemi , M. Alidoust Salimi , P. Alidoust Salimi ,A. Motallebi , **S. Tamadoni Jahromi** , O. Ahmadzadeh (2014). Antifungal and antibacterial activity of *Haliclona* sp. from the Persian Gulf, Iran. *Journal of medical mycology*, 24, 220—224
- Kiana Pirian , Khosro Piri , Jelveh Sohrabipour , **Saied Tamadoni Jahromi** and Jaanika Blomster(2016),. Nutritional and phytochemical evaluation of the common green algae, *Ulva* spp. (Ulvophyceae), from the Persian Gulf. *Fundam. Appl. Limnol.* Vol. 188/4 315–327
- Tamadoni Jahromi, S. Mohd Noor, S. A., Pirian, K., Dehghani, R., Nazemi, M., and Khazaali, A (2016). Mitochondrial DNA sequence-based phylogenetic relationship of *Trichiurus lepturus* (*Perciformes: Trichiuridae*) from the Persian Gulf. *IJVR*, Vol. 17, No. 3, Ser. No. 56, Pages 194-199
- Khosro Piri\*, Jelveh Sohrabipour, **Saied Tamadoni Jahromi** and Jaanika Blomster (2016). Molecular and morphological characterization of *Ulva chaugulii*, *U. paschima* and *U. ohnoi* (Ulvophyceae) from the Persian Gulf, Iran. *Botanica Marina* . DOI 10.1515, 2016-0009
- Gozari M. Mortazavi M.S., Bahador N., **Tamadoni jahromi S.**, Rabbaniha M.(2016). Isolation and screening of antibacterial and enzyme producing marine actinobacteria to approach probiotics against some pathogenic vibrios in shrimp *Litopenaeus vannamei*. *Iranian Journal of Fisheries Sciences* 15(1) 630-644
- Tamadoni Jahromi, S., Barzkar, N. (2018) Marine bacterial chitinase as sources of energy, eco-friendly agent, and industrial biocatalyst. *International Journal of Biological Macromolecules* 120(Pt B).
- Tamadoni Jahromi, S., Barzkar, N. (2018). Future direction in marine bacterial agarases for industrial applications. *Applied Microbiology and Biotechnology*. <https://doi.org/10.1007/s00253-018-9156-5>.
- Tamadoni Jahromi, S., Othman A.S., Rosaslina R."(2018). Morphometrics and Mitochondrial DNA Genes Analysis Suggest a New Species of *Penaeus* (Crustacea: *Penaeidae*) from the Persian Gulf. *Biochemical Genetics*. <https://doi.org/10.1007/s10528-018-9884-3>

### **Conferences/ Seminars\***

- Tamadoni jahromi, S and salehi A.(2002)study on effective of stocking on health indices in shrimp aquaculture. Oral presentation paper in the first shrimp congress. Bandar e bushehr Iran

Tamadoni jahromi S and Ghoroghi A. (2003) .preparation of silage from tuna wastes.  
Oral presentation paper in the 3th international congress of biotechnology.  
Mashhad, Iran

Tamadoni jahromi S, and Ghoroghi A.(2004) preparation of silage from tuna wastes  
with emphasis on estimation and comparison of proximate composition., oral  
presentation paper in the first livestock and marine resource science., karaj.  
iran

Saeid Tamadoni Jahromi, Seyed Hasan Ghadirnejad , Sohrab Rezvani Gilkolaei, Ahmad  
Ghoroghi, Maryam Tala and Mohammad Reza Sadeghi (2012). Molecular  
investigation of Indian White Shrimp ( *P. indicus* ) populations from Persian Gulf and  
Oman Sea using Microsatellite markers. ., oral presentation paper. In the 3rd  
International Scientific Conference of Iranian Students in Belarus.

E. Maghsoudlou, Y. Khairun, S. Yee Kwang, **S. Tamadoni Jahromi** and M. N. Siti Azizah  
(2011). MOLECULAR TAXONOMY OF JELLYFISH (Cnidaria: SCYPHOZOA) IN PENANG NATIONAL PARK. World Aquaculture society, cochin, India

Saeid Tamadoni Jahromi, Ahmad Sofiman Bin Othman, Eisa Abdolalian, Fereshteh Saraji,  
Mohammad Raza Sadeghi and Elham Maghsoudlou ( 2011) . Identification and  
Molecular Phylogeny of THE DINOFLAGELLATE (*Choclodinium polykrikoides* )  
from Persian Gulf. World Aquaculture society, cochin, India

Hamed Kioumars, Elham Maghsoudlou, Siti Azizah Mohd. Nor, **Saeid Tamadoni Jahromi**,  
Zary Shariman Yahaya and Sahabeh Safarpour Nikou Langeroodi (2011).  
Comparison of the levels of blood parameters in produced and non produced female  
broods of sturgeon *Acipenser persicus* before and after hormone injection . World  
Aquaculture society, cochin, India

### **Innovation:**

Identify the genome containing microsatellite sequences through cloning and gene transfer  
and record them in global gene banks for the first time in the green tiger shrimp. (2011)

### **Brief resume of fellowships/ grants / awards :**

#### **Awards for:**

- The Conductor of the best project of Biotechnology Department.  
(Iranian Fisheries Research Organization) 2004
- Selected as top researcher in Hormozgan Province, 2007
- Selected as top researcher in Hormozgan Province, 2015