

## Rodolfo Rondon

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Born on 25/08/1982

Nationality: Venezuelan

# Curriculum Vitae

## Keywords

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**Marine Biology, Marine Ecology, Environmental Genomic, Cytogenetic, Transcriptomic.**

## Formations

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- 2013- At present** **Université de Montpellier 2**  
**Doctoral School SIBAGHE**  
**Evolution, Ecology, Genetic Resources, Paleontology**  
**Thesis:**  
“trans-generational effects of Diuron on methylome and transcriptome of the Pacific oyster *Crassostrea gigas*: Epigenetic changes are at the base of alterations in gene expression?” Under direction of : Montagnani Caroline, Cosseau Céline and Akcha Farida. UMR 5244 IHPE – IFREMER. Université de Montpellier 2. Montpellier. France
- 2011-2012** **Université de Perpignan « Via Domitia »**  
**Master 2 Integrated Biology : Molecule, Population and Sustainable Development : Environmental genomic.**  
**Training Research :**  
“Whole Transcriptomic Response of Coral *Pocillopora damicornis* to Thermal Stress : By RNA-seq Approach”. Under direction of : Vidal-Dupiol Jérémie and Mitta Guillaume. Laboratoire d’Ecologie et Evolution des Interaction. UMR 5244 CNRS-EPHE-UPVD. Université de Perpignan « Via Domitia ».Perpignan. France
- 2010-2011** **Université de la Méditerranée Aix – Marseille II**  
**Luminy, Marseille, France**  
**Master 2 of Oceanography : Marine Biology and Ecology**  
**Training Research :**  
“mitochondrial Divergence between Atlantic and Mediterranean Lineages of Sea Bass (*Dicentrarchus labrax*, Moronidae) : General phenomenon or limited for some genes?”. Under direction of : Guinand Bruno and Desmarais Erick. Institut de Sciences de l’évolution de Montpellier. UMR 5554 CNRS-UM2. Université de Montpellier 2. Montpellier. France
- 2009-2010** **Université de la Méditerranée Aix – Marseille II**  
**Luminy, Marseille, France**  
**Master 1 of Oceanography : Marine Biology and Ecology**
- 2002-2007** **Universidad de Oriente, Núcleo Nueva Esparta. Margarita, Venezuela**  
**Marine Biology License degree**  
**Training Research :**  
“Cytogenetic Studies in Three Species of *Lutjanus* (Perciformes, Lutjanidae,

Lutjaninae) from the Island of Margarita, Venezuela". 68 P.  
Under direction of : Nirchio Mauro. Laboratorio de citogenética de Peces.  
Universidad de Oriente. Margarita Island. Venezuela.  
Mention : "Excelente, se recomienda su publicación"

## Professional Experience

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- 2014 Internal Formation** : RNA-seq data processing on the Galaxy interface.  
Laboratory : UMR 5244 IHPE. Mardi 30 septembre et jeudi 13 novembre 2014 (1 h 30 min).
- 2007 - 2009 Universidad de Oriente – Núcleo de Nueva Esparta  
Isla de Margarita - Venezuela**  
Professor of Marine Biology License Degree to the Escuela de Ciencias Aplicadas del Mar for the following classes: (Temporary contracts)  
Genetic (213-3514) - second semester 2007 (**4 hours per week**)  
Genetic and Evolution (210-3524) - second semester 2007(**4 hours per week**)  
Biochemistry (213-2624) and (210-2624) - First semester 2008 (**12 hours per week**)  
Genetic (213-3514) - Second semester 2008 (**6 hours per week**)  
Genetic and Evolution (210-3524) - Second semester 2008 (**6 hours per week**)  
Genetic (213-3514) - First semester 2009 (**6 hours per week**)  
Genetic and Evolution (210-3524) - First semester 2009 (**6 hours per week**)
- 2007 - 2008 Colegio Pablo Romero Millán – Isla de Margarita - Venezuela**  
Chemistry Professor  
third, fourth and fifth years of bachelor degree (**24 hours per week**)
- 2004 - 2007 Universidad de Oriente – Núcleo de Nueva Esparta  
Isla de Margarita - Venezuela**  
Technical Assistant - Genetic Laboratory  
October 2004 – August 2007 (**10 hours per week**)
- 2004 Universidad de Oriente – Núcleo de Nueva Esparta  
Isla de Margarita - Venezuela**  
Technical Assistant - Biochemistry Laboratory  
March – August, 2004 (**10 hours per week**)

## Publications and Communications

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- 2014** Vidal-Dupiol J., Dheilily N., **Rondon R.**, Grunau C., Cosseau C., Smith K., Freitag M., Adjeroud M. and Mitta G. **Thermal stress triggers broad *Pocillopora damicornis* transcriptomic remodeling, while *Vibrio coralliilyticus* infection induces a more targeted immuno-suppression response.**  
Plos One 9 (9) e107672  
Accepted: August 2014  
Published: September 2014  
**I.F 2013 : 3.534**
- 2012 Rondon R.**, Sprock I., Bolaños J., Lira C., Hernandez J., Salazar K. and Ron E. **Aspectos de la biología reproductiva de *Raninoides louisianensis*, Rathbun, 1933 (Decapoda: Raninoidea: Raninidae) en la**

**plataforma deltana venezolana.**

Boletín del Instituto Oceanográfico de Venezuela 51 (1) : 93-99

Accepted: February 2012

- 2009** Nirchio M., Oliveira C., Ferreira D., **Rondon R.**, Perez J., Hett A., Rossi A. and Sola, L. **Cytogenetic characterization of *Rhomboplites aurorubens* and *Ocyurus chrysurus*, two monotypic genera of Lutjaninae from Cubagua Island, Venezuela, with a review of the cytogenetics of Lutjanidae (Teleostei: Perciformes)**  
Neotropical Ichthyology 7(4): 587-594  
Accepted: October 2009  
Published: December 2009  
**IF2011: 0,4586**
- 2008** Ron E., **Rondon R.**, Troccoli L., Copola N., and Nirchio M. **Caracterización y Evaluación de la Ictiofauna Asociada a la Región Costera de la Bahía de Juan Griego, Isla de Margarita, Venezuela**  
VII Congreso Científico UDO  
Universidad de Oriente, Núcleo de Nueva Esparta  
Margarita, Venezuela  
October 2008  
Oral Presentation : CAM-100.003
- 2008** Nirchio M., **Rondon R.**, Oliveira C., Ferreira I., Martins C., Perez J., Sola L. and Rossi A. **Cytogenetic Studies in Three Species of Lutjanus (Perciformes, Lutjanidae, Lutjaninae) from the Island of Margarita, Venezuela**  
Neotropical Ichthyology 6(1): 101-108  
Accepted: December 2007  
Published: March 2008  
**IF2011: 0,4586**
- 2007** **Rondon R.**, Sprock I., Salazar K., Bolaños J., Lira C., Hernandez J., and Ron E. **Reproductive Aspects of *Raninoides louisianensis*, RATHBUN, 1933 (DECAPODA: RANINIDAE) of the Venezuelan Deltaic Shelf**  
The Crustacean Society Mid-Year Meeting 2007  
Universidad Católica del Norte y Universidad Andrés Bello La Serena-Coquimbo, Chile  
October 2007  
Poster  
Abstracts Book p 112
- 2006** **Rondon R.**, Nirchio M., Oliveira C., Perez J., and Ron E. **Conventional Karyotype and Nucleolar Organizer Regions in Three Species of Lutjanidae (Teleostei: Perciformes) from Margarita Island, Venezuela**  
XI Brazilian Symposium on Fish Cytogenetics and Genetics - I international Congress of Fish Genetics  
Universidade Federal de Sao Carlos  
Sao Carlos, SP, Brasil  
October 2006  
Poster.  
Abstracts Book p 113
- 2006** **Rondon R.**, Salazar K., Lira C., Bolaños J., and Hernandez J. **Alometría Multivariable y Madurez Sexual de *Raninoides louisianensis* Rathbun, 1933 (Decapoda: Raninidae)**

XIV Simposio Ibérico de Estudios de Biología Marina

Universitat de Barcelona

Barcelona, España

September 2006

Poster

Abstracts Book p 181-182

- 2006** Salazar K., **Rondon R.**, Brito M., Cabrera L., Cervi M., Ramos J., Lira C., and Bolaños J. **Crustáceos Decápodos Asociados a Estructuras Antropogénicas en la Bahía de Boca del Río, Isla de Margarita, Venezuela**

**VI Congreso Científico UDO**

Universidad de Oriente, Nucleo de Anzoategui

Puerto La Cruz, Venezuela

July 2006

Poster

- 2005** **Rondon R.**, Romero C., Sprock I., Magan I., and Tavares T. **Comportamiento Respiratorio en Juveniles del Tiburón Gata, *Ginglymostoma cirratum* (Bonnaterre, 1788).**

LV convención anual de la AsoVAC (Asociación Venezolana para el Avance de la Ciencia)

Universidad Central de Venezuela

Caracas, Venezuela

November 2005

Poster

## Additional Formations

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- 2009** **Principles of Genetic Improvement in Aquaculture**

Universidad de Oriente, Núcleo de Sucre

Cumana, Venezuela

(June 2009)

- 2008 - 2009** **Classes for Learning in Education**

Universidad de Oriente, Núcleo Nueva Esparta

Guatamare, Margarita Island, Venezuela

(September 2008 – April 2009)

- 2008** **Classes of Polychaetes taxonomy (Part I: The Errant polychaetes)**

Universidad de Oriente, Núcleo Nueva Esparta

Boca del Río, Margarita Island, Venezuela

(October 2008)

- 2008** **Studies of the French Language**

Alliance Française, Lyon, France

(August and September, 2008)

- 2008** **Classes of Preparation and Analysis Molecular phylogenies**

By : Dr. Claudio Oliveira

Departamento de Morfologia. Instituto de Biociências – UNESP. Botucatu SP., Brasil

Universidad de Oriente, Núcleo Nueva Esparta,

Boca del Río, Margarita Island, Venezuela

(April 2008)

- 2007 - 2008 Studies of the French Language**  
Alliance Française, Margarita Island, Venezuela  
(March 2007 - February 2008)
- 2006 Methodologies for the Study of Carcinonemertideos**  
By: Dr. Jon L. Norenburg y Dra. Cynthia Santos  
Smithsonian Institution, National Museum of Natural History, Invertebrate  
Zoology, Washington DC, USA  
Universidad de Oriente, Núcleo Nueva Esparta,  
Boca del Río, Margarita Island, Venezuela  
(June 2006)
- 2006 Advanced Course of Biology, Fisheries and Conservation of Sharks**  
By: MsC. Rafael Tavares  
Centro para la Investigación de Tiburones  
MsC. María Faria y Dr. Jon Rodriguez  
PROVITA  
Universidad de Oriente, Núcleo Nueva Esparta,  
Boca del Río, Margarita Island, Venezuela  
(April 2006)

## Divers

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- Informatics :** S/O: Windows  
Microsoft Office: Word, Excel, PowerPoint  
Adobe Acrobat, Adobe Photoshop, Statgraphics, PAST, SPSS, MEGA V.5,  
Bioedit, LightCycler480 software, LightCycler ProbeDesign, PerlPrimer,  
TopHat2, Cufflinks V. 2.1.1, Cufmerge V.2.1.1, Cuffdiff 2.0.1, HTSeq, DESeq,  
BSMAP, Bismark, BS-seeker2 et B2GO (Gene Ontology software).
- Language :** Spanish: Maternal Language  
English: Written  
French: Written / Spoken
- Interests :** Photography, Music, Swimming, Snorkeling, Literature