



PH.D POSITION AVAILABLE



The Brown Lab at the Instituto de Biociências in Brazil (USP) is recruiting a doctoral student to join the international project, DEVODIVERSITY, funded by the São Paulo Research Foundation (FAPESP) in collaboration with the Tiozzo Lab funded by the French Agence Nationale de la Recherche (ANR). DEVODIVERSITY examines the evolution of regeneration, asexual reproduction, and clonality in several species of ascidians (Urochordata), and examine how ecological factors affect distribution ranges, evolution of life cycles, and developmental strategies.

The main objectives of the doctoral project include:

- (1) To resolve phylogenetic relationships within the Styelidae by using alternative molecular and phylogenomic methods.
- (2) To reconstruct possible scenarios of colonial evolution by theoretical and experimental approaches.
- (3) To study within theoretical and experimental frameworks the main processes of evolution in colonial ascidians (including natural selection, genetic drift, gene flow, and mutation) to understand the origins and persistence of clonality and asexual reproduction.

The candidate should have strong interests in cell and molecular biology as well as evolutionary developmental biology.

Position available:

1 FAPESP Doctoral position (Doutorado Direto or DD): a 4-year position for a highly motivated candidate. The successful candidate will join the EvoDevo lab in São Paulo (Brazil) and will have the opportunity to do laboratory and/or fieldwork at the Tiozzo lab (France) in Villefranche-sur-Mer. The candidate will need to be approved by the Graduate Program in Zoology at the *Instituto de Biociências* at the *Universidade de São Paulo* in order to get the fellowship. Fellowship norms and salaries follow the general guidelines of FAPESP. Portuguese is desirable but not necessary, as the candidate will need to provide a proof of Portuguese proficiency only after the first year.

Please submit your letter of interest, updated CV, and contact information of three references to Federico Brown (IB-USP, Brazil) by **September 5th, 2016**. The selected candidate is expected to begin his doctorate in **February 1st, 2017**.

Contacts

Federico Brown (fdbrown@usp.br): <http://zoologia.ib.usp.br/evodevo2/>

Instituto Biociências USP: <http://www.ib.usp.br/en>

CEBIMAR: <http://cebimar.usp.br/index.php/en/>

Graduate Program in Zoology (in Portuguese only): <http://www.ib.usp.br/zoologia/poszoologia/>

FAPESP DD Fellowship (in Portuguese only): <http://www.fapesp.br/278>

Stefano Tiozzo (tiozzo@obs-vlfr.fr): <http://biodev.obs-vlfr.fr/~tiozzo/tiozzo-lab>

LBDV: <http://biodev.obs-vlfr.fr/en/index.html>

