

## Joint event on 10th international conference on genomics and molecular biology & 6th international conference on integrative biology: evolutionary genomics to improve functional prediction of parasite genes and proteins\_ laila \_ phd at the university of são paulo, brazil and postdoctoral studies from the marine biological laboratory and louisiana state university, usa.

Laila Alves

Louisiana State University, USA

### Abstract

The accessibility of genomic information gives a chance to comprehend parasite science and to recognize new medication applicants against dismissed infections influencing a large number of individuals around the world. Practical comment of genomes, transcriptomes and anticipated proteomes is one of the significant difficulties in sequencing ventures. We address this test by applying a developmental structure to the translation of arrangement information. Our exploration ventures have been centered around the investigations of unmistakable protein families in helminths (*Schistosoma* and others) and protozoans (*Leishmania*, *Trypanosoma*, and *Plasmodium*), which cause a wide scope of sicknesses. These protein families incorporate for the most part protein kinases, protein deacetylases, and proteases. Potential homologues in the anticipated proteomes of chose taxa are recognized by utilizing concealed Markov model profiles. Transformative connections of protein groupings are recreated by two character-based strategies (Bayesian deduction and most extreme probability).

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### Biography

Laila Alves, She is Member in the Board of Scientific Societies, Reviewer in many peer-reviewed journals. She coordinated research projects, published books and more than 200 scientific articles in prestigious Journals. She organized and attended numerous national, international congresses, as

president, member in the Organizing Committees, Invited speaker, Keynote speaker or Chairperson. She unfolds a high level activity after years of experience in research, evaluation, teaching and administration both in hospital and education institutions.