

JUEMIR RIBEIRO VEGA, B. S.

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EDUCATION AND RESEARCH

Pontificia Universidad Católica de Chile, Santiago, Chile

- B. S. in Biochemistry, August 2015
- Undergraduate study with Francisco Melo, June 2013 – to actuality
 - Developing of molecular visualization tools for analysis of Protein-DNA complexes
 - Research in knowledge based energy potential functions for prediction of interactions between Protein and DNA molecular models.

PUBLICATIONS

J. Ribeiro, F. Melo, A. Schüller PDiviz: Analysis and visualization of protein–DNA binding interfaces *Bioinformatics*, 31 (2015), pp. 2751–2753

TEACHING

Pontificia Universidad Católica de Chile, Santiago, Chile

- **Teaching Assistant:** Genetic Engineering and Bioinformatics, F. Melo instructor, Fall 2015

POSTER PRESENTATIONS

- XXXVIII Reunión Anual Sociedad de Bioquímica y Biología Molecular de Chile, September 22-25, 2015
- XXXVII Reunión Anual Sociedad de Bioquímica y Biología Molecular de Chile, September 30 - October 4, 2014

MISCELLANEOUS

Languages: Advanced English and Portuguese

Computing Skills: Advanced Linux, Windows and Python; Intermediate C++11 and parallel computing (OpenCL and OpenMP); Basic shell scripting.

REFERENCES

Dr. Francisco Melo Ledermann
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