

## EuroHPC Summit Week 2021 including PRACEdays21

Wednesday 24 March 2021, Session “Bringing your authentic self to work”, 15:00-16:00

Nataly Buslón Valdez, Postdoctoral Researcher Barcelona Supercomputing Center

**Title:** Advances in Computational Biology: All-Women Speaker

### **Abstract:**

The [\*Bioinfo4Women: Outstanding Young Female Bioinformaticians Programme\*](#) aims to promote the exchange of knowledge and experience of outstanding young researchers in science and technology through training, seminars and mentoring activities. The Life Sciences department from the [\*Barcelona Supercomputing Center\*](#) seeks to give greater visibility to the contribution of women in different fields of science, with a particular focus on the areas of personalised medicine, bioinformatics and HPC. The Bioinfo4Women programme seeks to establish an international network of female bioinformaticians and of institutions in this field and involved them in the programme’s activities: seminars, events, open visits to the MareNostrum, so on, to empower the work of women researcher and thereby multiplying its impact in the society.

One of the B4W programme activities developed last year was the conference [\*“Advances in Computational Biology”: Fostering Collaboration Among Women Scientists\*](#) was held on November 28th and 29th 2019 in La Pedrera, Barcelona. The conference brought together 200 researchers from 24 countries and 111 institutions around the world working on systems biology, omics technologies, artificial intelligence and high-performance computing with applications to biology from both the public and private sectors. A very differential aspect of the conference was that all speakers were women, although the conference was open to everyone. We wanted to create a space to foster collaborations between women scientists, providing an excellent opportunity to share ideas and build research networks in an unusual atmosphere. The programme included posters and oral presentations, as well as keynotes from leading scientists in the computational biology and high-performance computing fields also a meeting with women leaders from the academy and business fields and one short theatre performance about Rosalind Elsie Franklin.

During this presentation, we will share our experience organizing the conference with only women speakers, talk about the reactions and comments we received from different people who attended and a summary of the main conclusions of our Bioinfo4women Programme.

## Short Bio



Nataly Buslón Valdez is a Postdoctoral Researcher in the Barcelona Supercomputing Center (BSC). Doctor in Sociology, University of Barcelona, Spain. Visiting Student, Columbia University, New York, USA. Master in Social Research, the University of Barcelona; Bachelor's Sociology Degree, Universidad de la República and Marketing Analytics, Universidad de la Empresa, Uruguay.

Nataly Buslón has extensive experience in analysis methods and techniques to evaluate the Scientific and Social Impact of research. She worked as a Researcher in PRIME Research International, Mainz, Germany; Research Consultant in Inter-American Development Bank (IDB), Washington, USA; Researcher in the Ministry of Social Development, Uruguay.

She has been participating as a researcher in the IMPACT-EV project: "Evaluating the impact and results of SSH" (FP7, European Commission) and in the SEAS4All project (ERASMUS +, EU).

She currently forms a part of the BSC Social Link Analytics team and coordinates Bioinfo4women Programme with the aim of empowering and making visible the work of women in science, deepening the line of research on Gender Medicine and Bias in Artificial Intelligence (AI).