



July 31, 2017

Dr. Luis Larrondo
Pontifical Catholic University of Chile
Santiago, Chile

Dear Dr. Luis Larrondo and To Whom it May concern:

Through this letter, I want to express my interest to participate as a “Senior Investigator” at the **Millennium Institute for Integrative Systems and Synthetic Biology (MISSB)** that you direct. As a *Senior Investigator* I will be happy to provide counseling and scientific & technical support to help steering the science at the MISSB, so it can succeed locally and internationally.

My group at UC-Berkeley has been a leader in the study of different aspects of fungal biology, with an emphasis in System Biology and Big Data approaches. My laboratory has been focused on defining regulatory networks associated with plant biomass deconstruction by filamentous fungi, which has relevance both to the biotechnology and the health sectors, as accurate nutrient sensing by human and plant pathogenic fungi is important for disease progression. Additionally, I am the director of the Environmental Genomics and Systems Biology (EGSB) Division of the Lawrence Berkeley National Laboratory, which is one of the 10 National Laboratories in the United States that are supported by the U.S. Department of Energy. My association with EGSB and LBNL brings new technology to bear on methodology associated with environmental genomics (a number of researchers in the DOE Joint Genome Institute (JGI) are also members of EGSB), systems biology and the development of computational methods to expedite analyses of large genomic and transcriptional datasets.

I confirm that members at the MISSB, led by Professor Luis Larrondo, will have access the RNA-seq data that has been generated in the The Fungal Nutritional ENCODE Project, funded by JGI, and led by members of my laboratory at UC-Berkeley. The expression data that is being generated in this project involves RNA-seq analysis of *Neurospora crassa* grown on 100 different nutritional sources, which will leverage *N. crassa* genomic resources to the fungal research community.

Therefore, with my expertise I can provide guidance and counseling, when required, to the work conducted by the MISSB.

I look forward to working with you, Dr. Larrondo and all MISSB investigators.

Sincerely,

N. Louise Glass
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Division Director

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