Fall 2020 PSLA

LECTURE

SERIES

November 23, 2020

SEMINAR takes place live via

UMD Zoom

Time:

12PM

Claudio Meneses

Identification of candidate genes and molecular markers associated with fruit quality in peach (Prunus persica (L.) Batsch) using omics strategies

I will present several omics strategies to identify candidate genes and molecular markers involved in fruit quality traits, including maturity date, physiological disorders during postharvest (mealiness), and soluble solids content. My group has integrated several molecular information levels (genome, transcriptome, metabolome, and methylome) to begin unraveling the genetic factors that control the key traits for the industry related to fruit quality.

I have a B.S. degree in Agriculture Science, and I did my Ph.D. in CRAG (Center of Agrigenomics) in Barcelona (Spain), where I focused my studies on genetics/genomics in peach. At present, I am an associate professor in the Center of Plant Biotechnology in the Faculty of Life Sciences at Universidad Andres Bello (Chile).
Google Scholar profile: https://scholar.google.com/citations?user=JHIi-1oAAAAJ&hl=es