

Oscar Fernando Castaneda Mendez
CURRICULUM VITAE

PRESENT ADDRESS

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EDUCATION

2015-2017 M. Sc, Biological Sciences, Emphasis Plant Biotechnology, National University of Colombia, Palmira, Colombia.
2008 – 2014 B.Sc., Biology, University of Quindío, Armenia, Colombia.

PROFESSIONAL EXPERIENCE

02/2018-PRESENT Research visiting scholar, Department of Biochemistry and Molecular Biology, Michigan State University, East Lansing, MI.
12/2016 – 08/2017 Research visiting scholar, Phenotyping platform Group, International Center for Tropical Agriculture, Palmira, Colombia.
01/2015 – 11/2016 Research visiting scholar, Genetic Transformation & Genome Edition Platform, International Center for Tropical Agriculture, Palmira, Colombia.
02/2013 – 04/2014 Research visiting scholar, Molecular Genetics and Tissue Culture Laboratory, Agrobiodiversity Area, International Center for Tropical Agriculture, Palmira, Colombia.
11/2012 Professional internship, *In vitro* conservation Area, Genetic Resource Program, International Center for Tropical Agriculture, Palmira, Colombia.

PEER REVIEWED PUBLICATIONS

1. Babak Behnam, Adriana Bohorquez-Chaux, **Oscar Castaneda-Mendez**, Hiroyuki Tsuji, Manabu Ishitani, Luis Augusto Becerra Lopez-Lavalle. An optimized isolation protocol yields high-quality RNA from cassava tissues (*Manihot esculenta* Crantz). FEBS Open Bio9(2019) 814–825.
2. **Oscar Castañeda-Méndez**, Satoshi Ogawa, Adriana Medina, Paul Chavarriaga, Michael Gomez Selvaraj. A simple hydroponic hardening system and the effect of nitrogen source on the acclimation of *in vitro* cassava (*Manihot esculenta* Crantz). In Vitro Cell.Dev.Biol.-Plant (2017) 53: 75.

PARTICIPATION IN SCIENTIFIC SEMINARS

- 09/2019 XVI SOLANACEAE CONFERENCE Yield & Nutrition. Jerusalem, Israel
Poster 1: Engineering Insecticidal Flavones in Tomato
Poster 2: Molecular Characterization of the *SIAGL6* Transcription Factor
- 03/2017 Phylogenetic analysis workshop: from the Genebank to the phylogenetic tree. Manizales, Caldas, Colombia
- 12/2016 First National Course of Genome Editing for Agriculture. Palmira, Valle del Cauca, Colombia
- 06/2016 IX CONGRESO REDBIO. 2016. Lima, Perú
Talk: Flowering induction in cassava (*Manihot esculenta*) by trans-grafting approach
Poster: A simple hydroponic hardening system and the effect of nitrogen source on the acclimation of *in vitro* cassava (*Manihot esculenta* Crantz)
- 07/2015 Workshop: Writing scientific and technological articles. Palmira, Valle del Cauca, Colombia
- 10/2014 IX Latin American Congress of Biological Sciences Students. Armenia, Quindío, Colombia
Talk: Using of the *G3pdh*, *NIA-i3* and *matK* regions as a barcode for the identification of accessions of the genus *Manihot* (Mill), from the CIAT Germplasm Bank
- 09/2019 Good Laboratory Practices (GLP). CIAT, Palmira, Valle del Cauca, Colombia
- 08/2013 I Course of Phylogenetic and Population Genetics (FILOPOP). Armenia, Quindío, Colombia