

## **Margarita CORREA**

Born 13 September 1984 (Curicó, Chile)

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I am interested in the Integrated Pest Management of insect pests with emphasis in Biological Control by using Molecular Ecology and Population Genetics tools. I have experience in collaborative research projects between Industry and Academy on Sustainable Agriculture.

### **EDUCATION**

2015 Doctor, Ciencias de la Agricultura, Pontificia Universidad Católica de Chile, Chile

2011 Magister, Protección Vegetal, Pontificia Universidad Católica de Chile, Chile

2008 Ingeniero Agrónomo, Fruticultura, Pontificia Universidad Católica de Chile, Chile

### **POSITIONS**

2015-2016: Research Engineer, Institut National de la Recherche Agronomique (INRA) Sophia Antipolis, France.

2014- : Project Researcher, ANASAC Chile S.A.

### **RESEARCH ACTIVITIES**

- Referee for journals: *Bulletin of Entomological Research*, *Journal of Pest Science*, *Ciencia e Investigación Agraria*.

- Research contracts & projects:

2015: France – ECOPHYTO: “Evaluation of the regulation provided by the genus *Aphytis* on communities of armored scale insects in citrus orchards”. Collaborator

2015-2018: Chile - FIA Proyectos de Innovación: “Development of a new biological control product for the San José Scale (*Diaspidiotus perniciosus*)”. Coordinator

2013-2016: European Union - FP7-Marie Curie: “Colbics”. Collaborator

2012-2014: Chile - CONICYT Tesis de Doctorado en la Industria: “*Pseudococcus viburni*: cosmopolite species or complex of cryptic taxa?”. Coordinator

2011-2014: European Union - FP7-IRSES: “IPRABIO: Integrating new practices in biological control programs against agricultural pests”. Collaborator

2010: Chile - CONICYT Tesis de Magister en la Industria: “Using molecular tools to determine mealybug species and behaviour in the field”. Coordinator

### **PUBLICATIONS**

- 22 communications in congresses/conferences.

- International ISI Journal Publications

**Correa, M.C.G.**, Zaviezo, T. & Malausa, T. (2014) Characterization of DNA microsatellites libraries from three mealybug species and development of microsatellite markers for *Pseudococcus viburni* (Hemiptera: Pseudococcidae). *Bulletin of Entomological Research* 104, 213-220.

**Correa, M.C.G.**, Germain, J.-F., Malausa, T. & Zaviezo, T. (2012) Molecular and morphological characterization of mealybugs (Hemiptera: Pseudococcidae) from Chilean vineyards. *Bulletin of Entomological Research* 102(5):524-530.

**Correa, M.**, Aguirre, C., Germain, J.-F., Hinrichsen, P., Zaviezo, T., Malausa, T. & Prado, E. (2011) A new species of *Pseudococcus* (Hemiptera: Pseudococcidae) belonging to the '*Pseudococcus maritimus*' complex from Chile: molecular and morphological description. *Zootaxa* 2926, 46–54.

### **LANGUAGES**

Spanish (native)

English (spoken: advanced, written: advanced)

French (spoken: advanced, written: intermediate)