

## DOCTORADO EN CIENCIAS AGROALIMENTARIAS

### Nathalie Kuhn Weber

#### Publicaciones (2016- presente)

1. **Kuhn N**, Ponce C, Arellano M, Time A, Sagredo B, Donoso JM, Meisel LA. 2020. Gibberellic acid modifies the transcript abundance of ABA pathway orthologs and modulates sweet cherry (*Prunus avium*) fruit ripening in early- and mid-season varieties. *Plants* 9:1796. Q1.
2. **Kuhn N**, Serrano A, Abello C, Arce A, Espinoza C, Gouthu S, Deluc L, Arce-Johnson P. 2016. Regulation of polar auxin transport in grapevine fruitlets (*Vitis vinifera* L.) and the proposed role of auxin homeostasis during fruit abscission. *BMC Plant Biology* 16: 234. Q1.
3. Figueroa R, Pacheco F, Echaiz C, Cordovez G, **Kuhn N**. 2016. Effects of preemergence herbicides on bell pepper, crop injury and weed management in irrigated Chilean fields. *Weed Technology* 30:587-594. *Crop Science* Q1.

#### Proyectos con financiamiento externo últimos 5 años (adjudicado y/o ejecutado)

1. Genetic factors underlying the role of gibberellin in sweet cherry (*Prunus avium*) fruit maturity delay.  
Financiamiento: Fondecyt Postdoctorado N°3180138  
Rol: Investigador principal  
Duración: 2018-2021  
Año adjudicación: 2018
2. Molecular genetic and epigenomic analyses of sweet cherry fruit ripening: Exploring the modulatory role of the plant growth regulator abscisic acid in this process.  
Financiamiento: Fondecyt Regular N° 1171016  
Rol: Co-Investigador  
Duración: 2017-2021  
Año de adjudicación: 2017