

DOCTORADO EN CIENCIAS AGROALIMENTARIAS

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Publicaciones (2015- presente)

1. Morales JA, **Besoain X**, Cuneo I, Saa S. 2019. Impact of nitrogen fertilization on Phytophthora cinnamomi root-related damage in Juglans regia samplings. HortScience 54: 2188-2194. Q2.
2. Montenegro I, Mellado M, Russo A, Said B, **Besoain X**, Godoy P, Werner E, Caro N, Madrid A. 2019. Carveoylphenols and Their Antifungal Potential against Pathogenic Yeasts. Antibiotics 8: 185. Q2.
3. **Besoain X**, Guajardo J, Larach A, Riquelme N, Galvez E, Tapia L, Alvarado LE, Saratscheff T, Celis-Diez JL. 2019. First Report of Diplodia seriata causing gummy canker in Araucaria araucana wild populations in south-central Chile. Plant Disease 103: 2684. Q1.
4. Guajardo J, Riquelme N, Browne G, Youlton C, Castro M, **Besoain X**. 2019. Characterization of Oomycete species associated with root and crown rot of English walnut in Chile. Plant Disease 103: 691-696. Q1.
5. Valenzuela M, Méndez V, Montenegro I, **Besoain X**, Seeger M. 2019. Streptomycin resistance in Clavibacter michiganensis subsp. michiganensis strains from Chile is related to an rpsL gene mutation. Plant Pathology 68: 426-433. Q1.
6. Flores O, Prince C, Nunez M, Vallejos A, Mardones C, Yañez C, **Besoain X**, Bastías R. 2019. Genetic and Phenotypic Characterization of Indole-Producing Isolates of Pseudomonas syringae pv. actinidiae Obtained from Chilean Kiwifruit Orchards. Frontiers in Microbiology 9:1-12. Q1.
7. Montenegro I, Madrid A, Cuellar M, Seeger M, Alfaro JF, **Besoain X**, Martínez JP, Ramirez I, Olgún Y, Valenzuela M. 2018. Biopesticide activity from drimanic compounds to control tomato pathogens". Molecules 23:2053. Q2.
8. Valenzuela M, **Besoain X**, Durand K, Cesbron S, Fuentes S, Claverías F, Jacques MA, Seeger M. 2018. Clavibacter michiganensis subsp. michiganensis strains from central Chile exhibit low genetic diversity and sequence types match strains in other parts of the world". Plant Pathology 67: 1944-1954. Q1.
9. Guajardo J, Riquelme N, Tapia L, Larach A, Torres C, Camps R, **Besoain X**. 2018. First report of Lasiodiplodia theobromae causing Bot Gummosis in Citrus limón in Chile. Plant Disease 102: 818-819. Q1.
10. **Besoain X**, Guajardo J, Camps R. 2017. First Report of Diplodia mutila Causing Gummy Canker in Araucaria araucana in Chile. Plant Disease 101: 1328. Q1.
11. Guajardo J, Saa S, Camps R, **Besoain X**. 2017. Outbreak of crown and root rot of walnut caused by Phytophthora cinnamomi in Chile. Plant Disease 101, 636. Q1.

DOCTORADO EN CIENCIAS AGROALIMENTARIAS

12. Vidal AK, Camps R, **Besoain X**. 2016. Necrotic Streaking of Asiatic Lilies caused by Plantago asiatica mosaic virus in Chile. Plant Disease 100: 1799. Q1.
13. Camps R, Mansur L, De La Cuadra C, **Besoain X**. 2016. First Report of Turnip mosaic virus (TuMV) Infecting Leucocoryne purpurea (Amaryllidaceae) in Chile. Plant Disease 100: 2341. Q1.
14. Torres C, Camps R, Aguirre R, **Besoain X**. 2016. First report of Diaporthe rudis in Chile Causing Stem-End Rot on “Hass” Avocado Fruit Imported from California. Plant Disease 100: 1951. Q1.
15. Valencia D, Torres C, Camps R, **Besoain X**. 2015. Dissemination of Botryosphaeriaceae conidia in vineyard in the semiarid Mediterranean climate of the Valparaiso Region of Chile. Phytopathologia Mediterranea 54: 394-402. Q2.
16. Polanco R, Pino, C., **Besoain X**, Montealegre J, Pérez LM. 2015. Enhanced secretion of biocontrol enzymes by Trichoderma harzianum mutant strains in the presence of Rhizoctonia cell walls. Ciencia e Investigación Agraria 42: 243-250. Q4.
17. **Besoain X**, Bertolini E, Camps R, Ramella, F, Gorris MT, Torres M, Cambra M. 2015. Aggressive Citrus tristeza virus isolates in Chile are MCA13-positive and VT type, while mild isolates are MCA13-negative and T30 type. Ciencia e Investigación Agraria 42: 251-262. Q4.

Proyectos con financiamiento externo (2015-presente)

1. Consorcio biológico PUCV-VBL para el control de hongos en postcosecha de uvas para exportación. Financiamiento: I Concurso FONDEF IDeA en dos etapas, Temático en Inocuidad y Calidad Alimentaria-CONICYT, ID17AL0028.
Rol: Directora
Duración: 2017-2019
Año adjudicación: 2017
2. KIWI PHAGE: Desarrollo de un antimicrobiano natural contra el cancro bacteriano del kiwi utilizando bacteriófagos
Financiamiento: FONDEF Idea Dos Etapas, AF10I1352
Rol: Co-Investigadora
Duración: 2015-2018
Año adjudicación: 2015