

Listado de publicaciones

Elvira Fiallo Olivé - Investigadora Principal

Artículos en revistas JCR

75. Wang H, Geng S, Liu S, Li Z, Cameron S, Lei T, Xu W, Liu Q, Zuo S, Omongo CA, Maruthi MN, Mugerwa H, Wang XW, Liu Y, Navas-Castillo J, **Fiallo-Olivé E**, Lee K-Y, Krause-Sakate R, Delatte H, Ng J, Seal S, Colvin J. 2025. Unraveling the cryptic *Bemisia tabaci* species complex: global phylogenomic analysis reveals evolutionary relationships and biogeographic patterns. *Insect Science* (in press)
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73. **Fiallo-Olivé E***, Navas-Castillo J. 2023. Begomoviruses: what is the secret(s) of their success? *Trends in Plant Science* 28: 715-727. *Corresponding author
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69. **Fiallo-Olivé E**, Navas-Castillo J. 2023. The role of extensive recombination in the evolution of geminiviruses. *Current Topics in Microbiology and Immunology* 439: 139-166.
68. **Fiallo-Olivé E***, Navas-Castillo J. 2022. Tomato chlorosis virus, a promiscuous virus with multiple host plants and whitefly vectors. *Annals of Applied Biology* (en prensa) *Corresponding author
67. **Fiallo-Olivé E***, García-Merenciano AC, Navas-Castillo J. 2022. Sweet potato symptomless virus 1: First detection in Europe and generation of an infectious clone. *Microorganisms* 10: 1736. *Corresponding author
66. Vicentin E, Mituti T, Nogueira AM, Moura MF, Bello VH, Ribeiro-Júnior MR, Wintermantel WM, **Fiallo-Olivé E**, Navas-Castillo J, Krause-Sakate R, Marques Rezende JA. 2022. Differential reaction of sweet pepper to infection with the crinivirus tomato chlorosis virus probably depends on the viral variant. *Plant Pathology* 71: 1313-1322.
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46. **Fiallo-Olivé E***, Chirinos DT, Castro R, Navas-Castillo J. 2018. First report of *Cabbage leaf curl virus* infecting common bean, cowpea, pigeon pea and *Mucuna pruriens* in Ecuador. *Plant Disease* 102: 2667. *Corresponding author
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5. Navas-Castillo J, **Fiallo-Olivé E** (2022) Enfermedades virales emergentes en tomate. *Agricultura*: 62-66.
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Capítulos de libros

6. **Fiallo-Olivé E**, Mohammed HS, Zerbini FM, Navas-Castillo J (2025). Extraction of geminivirus and associated satellite DNA from leaf samples. In: FM Zerbini, E. Fiallo-Olivé, J Navas-Castillo (eds), *Geminiviruses. Methods in Molecular Biology*, vol 2912. Humana, New York, NY: 1-4.
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5. **Fiallo-Olivé E**, Navas-Castillo J (2013) Sin fuerza para gritar. *Virología* 16(3): 65.
4. Navas-Castillo J, **Fiallo-Olivé E** (2012) De los Top10 a las Top Models. *Virología* 15(1): 69.
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Charlas invitadas

8. **Fiallo-Olivé E**. Deltasatellites decoded: insights from over a decade of research on DNA satellites associated with begomoviruses. National Taiwan University, Taipei, Taiwan. 2025.
7. **Fiallo-Olivé E**. Whitefly-transmitted viruses: Interactions between geminiviruses and deltacatellites. University of KwaZulu-Natal. Pietermaritzburg, South Africa. 2024.
6. **Fiallo-Olivé E**. Epidemiology and evolution of geminiviruses and deltacatellites in whitefly transmission networks. Agricultural Research Council-Tropical and Subtropical Crops. Mpumalanga, South Africa. 2024.
5. **Fiallo-Olivé E** J. Insights into the biology of deltacatellites, an emerging class of begomovirus-associated DNA satellites. XVI Congreso Nacional de Virología. Málaga, Spain. 2022.
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