

Luis Lenin Galarza Romero
Professor



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EDUCATION

Ph.D. Plant Pathology, 2015, University of Tottori, Japan

M.S. Agricultural Biotechnology, 2011, Escuela Superior Politécnica del Litoral, Guayaquil, Ecuador

B. Eng. Agricultural Engineer, 2003, Universidad Agraria del Ecuador, Guayaquil, Ecuador

SERVICE ON THIS FACULTY (4 years)

2015 – present, Professor

OTHER RELATED EXPERIENCE

02/12 – 03/15, Assistant, Department of Plant Pathology, University of Tottori, Japan

CONSULTING AND PATENTS (n/a)

STATE IN WHICH REGISTERED (n/a)

PUBLICATIONS LAST FIVE YEARS (10 of 13 Selected)

1. Serrano, L., Moreno, A.S., Castillo, D.S. Del, Bonilla, J., Romero, C.A., Galarza, L.L., Coronel\textendashLeón, J.R., 2021. Biosurfactants synthesized by endophytic Bacillus strains as control of Moniliophthora perniciosa and Moniliophthora roreri. Sci. Agric. 78. <https://doi.org/10.1590/1678-992x-2020-0172>
2. Mora-González, A.F., Naranjo-Morán, J.A., Albiño-Quitiaquez, A., Flores-Cedeño, J.A., Oviedo-Anchundia, R., Galarza-Romero, L., Vera-Oyague, M., Barcos-Arias, M.S., 2021. Optimización en la aclimatación de plántulas micropropagadas de banano (Musa sp.) utilizando tres insumos orgánicos. Bionatura 6, 1452–1461. <https://doi.org/10.21931/rb/2021.06.01.3>
3. Serrano, L., Moreno, A.S., Sosa, D., Castillo, D., Bonilla, J., Romero, C.A., Galarza, L.L., 2021. Biosurfactants synthesized by endophytic Bacillus strains as control of Moniliophthora perniciosa and Moniliophthora roreri. Sci. Agric. v. 78.
4. Gonzalez, M.F., Magdama, F., Galarza, L., Sosa, D., Romero, C., 2020. Evaluation of the sensitivity and synergistic effect of Trichoderma reesei and mancozeb to inhibit under in vitro conditions the growth of Fusarium oxysporum. Commun. Integr. Biol. 13, 160–169. <https://doi.org/10.1080/19420889.2020.1829267>

5. Santos, E., Sánchez, E., Pacheco, R., Chávez, T., Villao, L., Galarza, L. and Flores, J. (2020). Transcriptomics studies of banana for candidate gene identification in a genetic improvement program framework in Ecuador. *Acta Hort.* 1297, 551-556
DOI:10.17660/ActaHortic.2020.1297.72
<https://doi.org/10.17660/ActaHortic.2020.1297.72>
6. Galarza, L., Calderón, M.F., 2017. The academy contribution to society: Biotechnology techniques on teaching-learning process at agricultural and biological engineering, in: *Proceedings of the LACCEI International Multi-Conference for Engineering, Education and Technology*.
<https://doi.org/10.18687/LACCEI2017.1.1.442>
7. Santos, E., Pacheco, R., Villao, L., Galarza, L., Ochoa, D., Jordán, C., Flores, J., 2016. Promoter analysis in banana, *Banana: Genomics and Transgenic Approaches for Genetic Improvement*. https://doi.org/10.1007/978-981-10-1585-4_11
8. Galarza, L., Akagi, Y., Takao, K., Kim, C.S., Maekawa, N., Itai, A., Peralta, E., Santos, E., Kodama, M., 2015. Characterization of *Trichoderma* species isolated in Ecuador and their antagonistic activities against phytopathogenic fungi from Ecuador and Japan. *J. Gen. Plant Pathol.* 81, 201–210.
<https://doi.org/10.1007/s10327-015-0587-x>
9. Galarza, L., Akagi, Y., Takao, K., Peralta, E., Santos, E., Kodama, M., 2015. Involvement of {ThSNF}1 in the development and virulence of biocontrol agent *Trichoderma harzianum*. *J. Gen. Plant Pathol.* 81, 211–217.
<https://doi.org/10.1007/s10327-015-0590-2>

PROFESSIONAL SOCIETIES

N/A

HONORS AND AWARDS

N/A

INSTITUTIONAL AND PROFESSIONAL SERVICE (LAST FIVE YEARS)

AVS Technical Session Chair
Chair AICHE Program Area 8e

TIME DISTRIBUTION

75% Research, 30% Teaching