SEM Council Members

Name:

Emilia López-Solanilla

Council role:

President of the Plant Microbiology Group

Employer or Institute:

Universidad Politécnica de Madrid, Centre for Plant Biotechnology and Genomics, Madrid, Spain.

Title:

Associated Professor

Main areas of study/work:

Phytopathogenic bacteria. Virulence mechanisms. Perception mechanisms.

Other information of interest:

Member of the Spanish National Research Agency (AEI) (since July 2018). Agricultural and Forestry Area.

Member of the Editorial Board of Molecular Plant Pathology.

Associated Editor of the European Journal of Plan Pathology.

Three main or most recent publications:

Cerna-Vargas JP, Santamaría-Hernando S, Matilla MA, Rodríguez-Herva JJ, Daddaoua A, Rodríguez-Palenzuela P, Krell T, López-Solanilla E. 2019. Chemoperception of specific amino acids controls phytopathogenicity in *Pseudomonas syringae* pv. tomato. *mBio* 10:e01868-19. doi.org/10.1128/mBio.01868-19.

Santamaría-Hernando S, Rodríguez-Herva JJ, Martínez-García PM, Río-Álvarez I, González-Melendi P, Zamorano J, Tapia C, Rodríguez-Palenzuela P, López-Solanilla E. 2018. *Pseudomonas syringae* pv. tomato exploits light signals to optimize virulence and colonization of leaves. *Environmental Microbiology* 20:4261-4280. doi.org/10.1111/1462-2920.14331.

Castañeda-Ojeda MP, Moreno-Pérez A, Ramos C, López-Solanilla E. 2017. Suppression of Plant Immune Responses by the *Pseudomonas savastanoi* pv. *savastanoi* NCPPB 3335 Type III Effector Tyrosine Phosphatases HopAO1 and HopAO2. *Frontiers in Plant Science* May 5;8:680. doi.org/10.3389/fpls.2017.00680.

Contact details:

Telephone: +34-910679192

E-mail: emilia.lopez@upm.es

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