



NAME:

Chunxu Song

INTITUTION / FUNCTION:

China Agricultural University/Associate Professor

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More information:

**[https://scholar.google.com/citations?user=C2KEeZMAAAA
J&hl=en](https://scholar.google.com/citations?user=C2KEeZMAAAA&hl=en)**

(Webpage, social media, ORCHID etc).

Short Professional Biography:

Current Position:

2019-present: Associate professor at the College of Resources and Environmental Sciences of CAU

Current of Previous Postdoc(s):

2016-2018: Molecular genetics department, University of Groningen, the Netherlands

2013-2016: Microbial ecology department, Netherlands Institute of Ecology (NIOO-KNAW), the Netherlands

Studies:

MSc. in Biochemistry and molecular biology at Huazhong Agricultural University of China

PhD. in Phytopathology at Wageningen University of the Netherlands

Research interests

Her main research interest is on deciphering the impact of domestication on foxtail millet microbiome under natural habitat and (a)biotic stresses conditions. Specifically on how beneficial phyllosphere and rhizosphere microbes can promote plant growth, stimulate plant chemistry, and contribute to plant health.

Relevant publications

- [1] **C. Song**^{**}, K. Jin^{**}, J.M. Raaijmakers (2021). Designing a home for beneficial plant microbiomes. **Current Opinion in Plant Biology**. 62:102025.
- [2] **C. Song**; F. Zhu^{*}; V.J. Carrión^{*}; V. Cordovez^{*}; Beyond plant microbiome composition: exploiting microbial functions and plant traits via integrated approaches, **Frontiers in Bioengineering and Biotechnology**, 2020, 8: 896.

- [3] **C. Song**, T.A. Kidarsa, J.E. van de Mortel, J.E. Loper & J.M. Raaijmakers (2016). Living on the edge: spatial heterogeneity and convergent evolution of social cheaters in swarming colonies of *Pseudomonas protegens*. **Environmental Microbiology**. 18(10).
- [4] **C. Song***, R. Schmidt, V. de Jager, D. Krzyzanowska, E. Jongedijk, K. Cankar, J. Beekwilder, A. van Veen, W. de Boer, J.A. van Veen, P. Garbeva. (2015) Exploring the genomic traits of fungus-feeding bacterial genus *Collimonas*. **BMC Genomics**.16 (1).
- [5] **C. Song**, M. van der Voort, J.E. van de Mortel, K.A. Hassan, L.D. Elbourne, I.T. Paulsen, J.E. Loper & J.M. Raaijmakers (2015). The Rsm regulon of plant growth-promoting *Pseudomonas fluorescens* SS101: role of small RNAs in regulation of lipopeptide biosynthesis. **Microbial Biotechnology**.8: 296-310.