16-20 September

**Course “Second Soil Microbial Ecology International Course, an integrated and functional view for its application in agriculture”**

*Bogotá, COLOMBIA*

**Organiser:**
Daniel Uribe Velez (Biotechnology Institute, Universidad Nacional de Colombia, Bogotá, Colombia)

**Co-organiser:**
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This course aims to give an up to date state of the art of the techniques, approaches and concepts that have been developed recently to understand the role of the microbial community on the soil agricultural environment to improve plant health and nutrients uptake. Topics will include:

- The rhizomicrobiome impact of plant growth and stress tolerance
- Interspecies signalling in plant associated bacteria
- The plant microbiome and disease suppression
- Plant-microorganism symbiosis
- Physiology and biochemistry of the interactions between plants and bacteria and their potential for stimulating plant growth
- Bioprospection and production of plant growth promotion microorganisms
- Different techniques related with soil microbial ecology

**Participants**
- Researchers interested in the effect of rhizosphere microbiome on plant nutrition and health
- Agronomist, Biologist, Farmers, Postgraduate students and junior scientists
- Poster session will be organised; translation from English to Spanish will be available

**Funding**
- Participants are expected to cover their own travel and living costs
- A limited number of grants covering accommodation (twin share) and local hospitality for the duration of the course are available for a selected number of nationals of ICGEB Member States


**Deadline for applications for ICGEB grant** 4 June 2019

**Online registration** [http://somiecoc.unal.edu.co/](http://somiecoc.unal.edu.co/)

**Deadline for registrations** 15 August 2019

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