



## pCRC International Guest Speaker Seminar



ROOT | SYSTEMIC | SIGNALING

### “Deciphering the Rhizosphere Microbiome for Disease-Suppressive Bacteria”

**Prof. Dr. Jos M. Raaijmakers**

Laboratory of Phytopathology (University of Wageningen, Niederlande)

Wednesday June 27<sup>th</sup> 2012 at 05:00 p.m.

Venue: IFZ B301

Comment by K. Kogel: Jos Raaijmakers published a Science paper in 2011 on rhizosphere bacteria in suppressive soils: He defines its competence as follows:

I'm interested in soil- and plant-associated bacteria, specifically beneficial bacteria that promote plant growth and protect plants from pathogen infections. The work in my group focuses specifically on bacteria from the genus *Pseudomonas* but recently also other genera of soil bacteria, including Firmicutes (Bacilli) and Actinomycetes are being studied. From a practical perspective, we aim to develop bacterial inoculants for agriculture and horticulture to improve plant growth and to control economically important diseases. By using genomics and metabolomics, we search for new antimicrobial compounds and enzymes produced by bacteria.

Please feel invited!

Prof. Dr. Karl-Heinz Kogel

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