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## **The impact of increased atmospheric carbon dioxide on microbial community dynamics in the rhizosphere**

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**Publications**

1. Köhl JJ, Lombaers C, **Drigo B**, Haas BBH and Speksnijder, A Suppression of *Venturia inaequalis* (apple scab) ascospore production using applied fungicides. *In preparation*.
2. Postma J, **Drigo B** and Schilder M, *Lysobacter* spp. as potential inhibitor of *Rhizoctonia solani* in soil. *In preparation*.
3. Wurst S, van Beersum S, Wagenaar S, Bakx-Schotman T, **Drigo B**, Janzik I, Lanoue A and van der Putten WH, On the impact of soil microorganisms on plant resistance against nematodes. Submitted. *Oecologia*.
4. **Drigo B**, van Veen JA and Kowalchuk GA., Specific rhizosphere bacterial and fungal groups respond differently to elevated atmospheric CO<sub>2</sub>. Submitted. *ISME Journal*.
5. **Drigo B**, Kowalchuk GA, Yergeau E, Knapp BM, Pijl AS, Boschker HTS and van Veen JA., Elevated atmospheric CO<sub>2</sub> increases belowground C translocation and modifies microbially-mediated carbon flow. Submitted. *Environmental Microbiology*.
6. **Drigo B**, van Veen JA, Pijl AS, Kielak AM, Gamper H, Houtekamer MJ, Bodelier PLE, Boschker HTS, Whiteley AS and Kowalchuk GA, Climate change modulates carbon flow through soil food webs. Submitted. *Nature*.
7. **Drigo B**, Kowalchuk GA and van Veen JA. (2008), Climate change goes underground: effects of elevated atmospheric CO<sub>2</sub> on microbial community structure and activities in the rhizosphere. Review. In press. *Biology and Fertility of Soils*, 44, 667-679.
8. **Drigo B**, Kowalchuk GA, Yergeau E, Bezemer TM, Boschker HTS and van Veen JA. (2007), Impact of Elevated CO<sub>2</sub> on the Rhizosphere Communities of *Carex arenaria* and *Festuca rubra*. *Global Change Biology*, 13, 2396-2410.
9. Kowalchuk GA, **Drigo B**, Yergeau E and van Veen JA (2006), Assessing Bacterial and Fungal Community Structure in Soil Using Ribosomal RNA and Other Structural Gene Markers, *Soil Biology, Volume 8 Nucleic Acids and Proteins in Soil*. P. Nannipieri, K. Smalla (Eds.), pp 159-188.
10. **Drigo B**, Verkerk-Baker B and van Wordragen MF (2003), Expression profile analysis of Iris flowers (*Iris hollandica* L. cv. Blue Magic). *Acta Universitatis*. Trento University, Trento, Italy.
11. **Drigo B**, Ariens R and van Wordragen MF (2003), Detection of quality related gene expression in Bianca rose. *Acta Universitatis*. Trento University, Trento, Italy.
12. **Drigo B**, Gionechetti F and Dolzani L (2002), Role of first class integrons in the antibiotic resistance of *Larus cacchianans m*. *Acta Universitatis (Thesis)*. Trieste University, Trieste, Italy.

