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Rennes, January 20 , 2013

To editorial Office of Soil Biology & Biochemistry,
To Editor-in-Chief

Highlights of the MS8630 :

Acclimation of earthworms to chemicals in anthropogenic landscapes, physiological mechanisms and soil ecological implications

by N. Givaudan, C. Wiegand , B. Le Bot, D. Renault, F. Pallois, S. Llopis and F. Binet.

- Fungicide exposure increased earthworm respiration whatever the population tested
- Energetic reservoirs (glycogen) depleted in naïve and pre-exposed populations
- Amino-acids increase suggests a detoxification mechanism in pre-exposed worms
- Metabolomics profiles changed with fungicide exposure in the pre-exposed worms only
- Pre-exposed animals exhibited also higher soil burrowing activity to the chemical

Thank you again for your specific reminder about highlights

Yours sincerely,

Françoise MLP Binet on the behalf of all co-authors.

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