



## EVOLUTIONARY ECOLOGY

### QUANTITATIVE AND EVOLUTIONARY ECOLOGY OF COMMUNITIES GROUP

**DELIGNETTE-MULLER Marie-Laure**

#### PROFESSEURE DES UNIVERSITÉS

VETAGRO-SUP

69280 MARCY L'ÉTOILE

(<http://maps.google.com/maps?q=69280%20MARCY%20L%26%23D39%3B%C3%89TOILE++>)

33 04 72 43 27 56

@ Email

I am a Professor at VetAgro Sup, responsible for various modules of biostatistics at the veterinary curriculum, a module of critical reading of articles and co-leader of a module of Bayesian statistics mutualized between the three masters piloted by the LBBE. Some of my teaching documents are available on my [personal web page](#).

My research activity is in the field of biometrics. I develop models and inference methods in the context of risk assessment in the field of health and environmental risks. My objective is to propose models/methods useful to researchers to better understand risks, and useful to managers to define risk indicators. My areas of expertise are: hierarchical models, non-linear models, dose-response models, in particular dose-response modeling of omics data, Bayesian inference.

In order to facilitate the use of the methods I develop to the largest number of people, I am involved in the development of various R packages:

[fitdistrplus](#)

[nlstools](#)

[DRomics \(https://lbbe.univ-lyon1.fr/fr/dromics\)](https://lbbe.univ-lyon1.fr/fr/dromics)

My publications are listed exhaustively on [my Google Scholar profile](#)

and my most recent papers are available on [my HAL CV](#)