

Postdoctoral Fellowship in Ecotoxicology and Ecophysiology  
Centre d'Etudes Biologiques de Chizé (CEBC), CNRS and La Rochelle Université

### Description

A postdoctoral position is offered to work on the sublethal impacts of agrochemicals on development, physiology and behaviour of amphibians. The postdoc will be supervised François Brischoux at the CEBC-CNRS, and will interact closely with Frédéric Angelier (CEBC-CNRS). The project is part of a three-years long ANSES-funded research program that aims at improving general understanding of the exposure levels and sublethal effects of agrochemicals on wildlife with birds and amphibians as research models.

The postdoc will analyse (data already collected) the presence and concentrations of contaminants in several breeding sites of amphibians in agricultural versus forested areas, as well as in nearby rivers, in order to assess exposure levels of developing eggs and tadpoles in the wild. In addition, She/he is expected to develop lab and/or field studies that aim to assess the sublethal impacts of agricultural practices (including agrochemical use) on the development, the physiology and/or the behaviour of wild amphibians (mainly *Bufo spinosus*, but other species are also available at our study sites) during development (embryos/tadpoles) or later life-history stages. Ambition and capacity to address independent questions are welcome. The postdoc will also be encouraged to join laboratory and field studies with other collaborators of this project. Available facilities at the CEBC include indoor thermally controlled rooms, and outdoor enclosures. The CEBC has developed a recognized expertise to measure a suite of pertinent physiological markers (hormones, telomeres, metabolism...) and has developed collaborations to measure complementary markers (e.g., oxidative stress, microbiota); most of which should be available for the proposed position.

The successful candidate will be recruited by CEBC-CNRS for a 14 months long period starting from mid-November 2020. She/he will be supervised by CNRS Researcher François Brischoux. The post-doctoral fellow is expected to work in an interdisciplinary and lively research environment and will contribute to a national collaborative program.

### Requirements

Candidates should meet the following requirements (1) have a PhD in ecotoxicology, ecophysiology or a related field; (2) a successful publication record and (3) be creative and independent. Candidates are encouraged to come with their own ideas provided they are feasible during the time frame of the project.

### Terms and salary

The position is available for a period of 14 months starting preferably in November 2020. Gross salary is ca. €2,600 per month. Review of applications will begin as soon as candidates are applying and continue until the position is filled. The initial

appointment is for 14 months with potential renewal contingent on additional funding.

How to proceed

Applications should be sent through the “Portail Emploi CNRS” webpage (<https://emploi.cnrs.fr/>, reference for the application: UMR7372-FRABRI-001, short url: <https://bit.ly/2y2SeAr>). Applications should include a single pdf file with a curriculum vitae including a full list of publications, a cover (motivational) letter with a brief description of skills and research interests, and contact details and recommendation letters from 1 to 3 referees. For more details on the offer and/or application process you can contact François Brischoux ([francois.brischoux@cebc.cnrs.fr](mailto:francois.brischoux@cebc.cnrs.fr)).