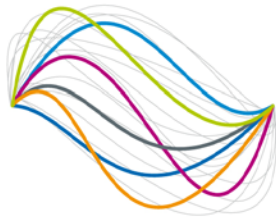




# UBFC

UNIVERSITÉ  
BOURGOGNE FRANCHE-COMTÉ

<b>Job title</b>	Post-Doctoral Fellowship in community ecology and modeling
<b>Job type</b>	Post-Doctoral Fellowship
<b>Contract duration</b>	12 months
<b>Estimated net salary per month (€)</b>	~ 2000 €
<b>Qualifications</b>	PhD
<b>Desired skills and Experience</b>	<ul style="list-style-type: none"> <li>- Strong background in bioinformatics and statistics</li> <li>- Experience in microbial ecology and/or ecotoxicology</li> <li>- Ecological network modelling will be appreciated</li> <li>- Capability to work in a team</li> </ul>
<b>Job hours (full time/ part time)</b>	Full time
<b>Employer</b>	UBFC
<b>Host Laboratory</b>	UMR 1347 Agroécologie, INRA dijon
<b>URL Host Laboratory</b>	<a href="https://www6.dijon.inra.fr/umragroecologie">https://www6.dijon.inra.fr/umragroecologie</a>
<b>Job description</b>	<p>Grasslands support Protected Designation of Origin (PDO) dairy production systems. Their important biodiversity is a key component of the “terroir”, responsible for product specificity. For a sustainable development of PDO dairy production, ecological intensification of grassland use is a major challenge, particularly through optimal fertilization. A major concern is the impact of fertilizers (quantity and quality) on grassland and soil biodiversity and on the link of the product to its terroir. Taking the PDO Comté cheese as a case study, IFEP will evaluate the impacts of fertilization practices (farmyard manure, slurry) on dairy production sustainability by an approach associating environmental quality of grassland ecosystems and the fluxes of useful microorganisms (“terroir effect”) and chemical contaminants from environment to milk. This innovative approach will help to better understand the determinants of PDO products specificity and to define optimal fertilization specifications for sustainable grassland management preserving cheese specificity and quality as well as ecosystem health.</p> <p>The post-doctoral fellow will be involved in the analysis of microbial and contaminants fluxes from grassland to milk. The microbial community analyses on the different ecosystem compartments and especially on soil, will be performed by means of a metagenomic approach. Therefore, the post-doctoral fellow will have to handle all the bioinformatic and statistical analyses together with database management.</p>



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<b>Application</b>	<p>Please send the following documents (preferably all in one PDF file) by e-mail to <b>sophie.aupet@ubfc.fr</b>:</p> <ol style="list-style-type: none"><li>1) For EU candidates : Copy of your national ID card or of your passport page where your photo is printed ; For non-EU candidates: Copy of your passport page where your photo is printed.</li><li>2) Curriculum Vitae (1 page) including hyperlinks to your ResearchID, Research Gate and Google Scholar accounts.</li><li>3) Detailed list of publications including hyperlinks to DOI of each publication.</li><li>4) Letter of motivation relatively to the position (1 page).</li><li>5) Copy of your PhD degree if already available.</li><li>6) Coordinates of reference persons (maximum 3, at least your master thesis supervisor): Title, Name, organization, e-mail.</li></ol>
<b>Application deadline</b>	30th Sept. 2017
<b>Anticipated start date</b>	7th Nov. 2017