



2 Fixed-Term, Full-time Postdoctoral Positions

Position Summary

The research associated with these two postdoctoral positions is aimed at investigating various aspects of the molecular biology and functional genomics of bifidobacteria as a model human gut commensal. In particular, aspects of dietary and host-derived carbohydrate metabolism of bifidobacteria and microbe-host interactions are of interest.

The ideal candidate for this post will have undergraduate and postgraduate degrees in microbiology, biochemistry, genetics, biotechnology or a related biological science discipline and/or possess advance bioinformatics skills pertaining to 'omics' data, such as comparative genomics, metagenomics, transcriptomics and/or metabolomics, ideally in the context of gut microbiota or other complex microbial consortia. Experience with animal (murine) models is desirable. Experience, expertise and skills should be supported by a corresponding publication track record or other means of knowledge transfer. The successful applicants will be expected to integrate in the bifidobacterial research group of Prof Douwe van Sinderen (https://apc.ucc.ie/douwe_van_sinderen/), and become part of the APC research community (**for more info see <https://apc.ucc.ie/>**).

Post Duration: 2 Years

Salary: €38,630 - €45,942 p.a. (IUA Salary Scale)

Informal enquiries can be made in confidence to Prof. Douwe van Sinderen, Email: d.vansinderen@ucc.ie.

Applications must be submitted online before 12 noon (Irish Local Time) on Friday, 3 September 2021 via the University College Cork vacancy portal (<https://ore.ucc.ie/>) using reference number 047673.

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Please note that an appointment to posts advertised will be dependent on University approval, together with the terms of the employment control framework for the higher education sector.