

## Horizon 2020 Marie Skłodowska-Curie Actions Individual Fellowships Call – Expression of Interest

<b>Organisation Details</b>	Dr. Paul Cotter's Vision I laboratory Teagasc Food Research Centre, Moorepark, Fermoy, Cork, Ireland. <a href="http://www.teagasc.ie/food/research/staff/PaulCotter.asp">www.teagasc.ie/food/research/staff/PaulCotter.asp</a> <a href="https://ie.linkedin.com/pub/paul-cotter/26/20/b68">https://ie.linkedin.com/pub/paul-cotter/26/20/b68</a> <a href="http://orcid.org/0000-0002-5465-9068">http://orcid.org/0000-0002-5465-9068</a>	
<b>Organisation Type</b>	<input type="checkbox"/> Academic <input type="checkbox"/> Large Enterprise <input type="checkbox"/> SME <input checked="" type="checkbox"/> Public Research Organisation	<input type="checkbox"/> Public Body <input type="checkbox"/> NGO <input type="checkbox"/> Non-Profit <input type="checkbox"/> Other ( <i>please specify</i> ) <hr/>
<b>Research Field(s)</b>	<input type="checkbox"/> Chemistry CHE <input type="checkbox"/> Social and Human Sciences SOC <input type="checkbox"/> Economic Sciences ECO <input type="checkbox"/> Information Science and Engineering ENG <input type="checkbox"/> Environment and Geosciences ENV <input checked="" type="checkbox"/> Life Sciences LIF <input type="checkbox"/> Mathematics MAT <input type="checkbox"/> Physics PHY	<b>Keywords:</b> <b>Food, Health, Athlete, Probiotic, Fermented, Microbiology, 16S, rRNA, Metagenomics, Microbiota, Bacteriocin</b>
<b>Short Description of the Organisation and the Faculty/Dept./School/Centre</b>	Teagasc is the agriculture and food development authority in Ireland. Its mission is to support science-based innovation in the agri-food sector and the broader bioeconomy that will underpin profitability, competitiveness and sustainability. The Cotter/Vision I laboratory is located at Teagasc's Food Research Centre in Moorepark (Fermoy, Cork).	
<b>Short Description of the Research Project/Topic</b>	Dr Cotter's research focuses on three broad areas (i) Microbiology of food Study of individual microbes (including beneficial, spoilage and pathogenic microbes) and microbial	

	<p>populations in food (particularly dairy and fermented foods/beverages) and the food chain using high throughput sequencing and other approaches</p> <p>(ii) Human (including athletes) and animal microbiota Maintaining/establishing a healthy gut microbiota through diet, exercise, probiotics and narrow spectrum antimicrobials/bacteriocins</p> <p>(iii) Bacteriocins</p> <p>Investigation of food-grade antimicrobial peptide ('bacteriocins'), which can be employed to enhance food safety and improve human and animal health</p>
<b>Expertise required by the applicant</b>	Candidates should hold a PhD or equivalent in a relevant discipline and should fulfil the mobility criteria required under the MSCA programme.
<b>Career development support offered to fellows</b>	<p>Teagasc is one of Ireland's leading research bodies. According to the SCImago Institutional Ranking (<a href="http://www.scimagoir.com/">http://www.scimagoir.com/</a>) analysis 2013, Teagasc (Irish Agriculture and Food Development Authority) ranks second out of 21 major research bodies in Ireland in the % Exc metric, (the percentage of the institution's papers falling within the 10% most highly cited papers in their field) with 19% of its publications amongst the top 10% cited in their field.</p> <p>Successful MSC IF fellows will be offered the opportunity to participate in the Teagasc post-doctorate training programme</p>
<b>Application procedure</b>	An up to date CV, list of publications and a letter of motivation should be sent. It is advised that candidates contact us at least 3-6 months prior to the MSCA call deadlines (14th September 2016) and 14th September 2017).
<b>Contact Person</b>	<p>Dr Paul Cotter</p> <p><a href="mailto:paul.cotter@teagasc.ie">paul.cotter@teagasc.ie</a></p>