Aromagenesis – Innovative Training Network
Generation of new yeast strains for improved flavours and aromas in beer and wine
<table>
<thead>
<tr>
<th><strong>Post Title:</strong></th>
<th>Research Fellow</th>
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<tr>
<td><strong>Post Status:</strong></td>
<td>4-year, Fixed-term contract</td>
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<tr>
<td><strong>Department/Faculty:</strong></td>
<td>Microbiology Department, School of Genetics and Microbiology, Trinity College Dublin, the University of Dublin</td>
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<td><strong>Location:</strong></td>
<td>Eukaryotic Gene Expression Group, Microbiology Department, Trinity College Dublin, the University of Dublin, College Green, Dublin 2, Ireland</td>
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<td><strong>Reports to:</strong></td>
<td>Prof. Ursula Bond</td>
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<td><strong>Salary:</strong></td>
<td>Appointment will be made on the Post-Doctoral Researcher Scale at a point in line with Government Pay Policy commensurate with experience</td>
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<td><strong>Closing Date:</strong></td>
<td>12 Noon, 30, September 2017</td>
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<tr>
<td><strong>Applications to</strong></td>
<td>Prof. Ursula Bond <a href="mailto:ubond@tcd.ie">ubond@tcd.ie</a></td>
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The successful candidate will be expected to take up post on November 1st 2017 or as soon thereafter as possible.
Post Summary

The Eukaryotic Gene Expression Laboratory, within the Microbiology Department, seeks to appoint a Research Fellow to oversee the implementation of Project AROMAGENESIS, funded through Horizon 2020, Marie Skłodowska-Curie Action (MSCA), Innovative Training Network. The project involves participants in 8 EU countries with the aim of providing training for 14 Early Stage Researchers to PhD level. The duration of the project is 4 years.

Project AROMAGENESIS aims to train the next generation of researchers to provide knowledge and expertise in the biochemistry and genetics of flavour production in yeasts used in wine and beer fermentations, to generate new strains of yeasts with improved or more varied flavour profiles and to develop novel approaches to expanding flavour profiles through co-fermentation of different yeast and/or bacterial species.

Standard Duties and Responsibilities of the Post

The appointee will

Conduct research related to project AROMAGENESIS
Oversee the day-to-day running of the laboratory
Supervise the research of PhD students
Manage training workshops for Early Stage Researchers (14) associated with project AROMAGENESIS.
Liaise with EU partners involved in the project
Liaise with the European Commission on implementation of project AROMAGENESIS
Produce timely reports for the European Commission on project AROMAGENESIS
Oversee communication and dissemination of information relating to project AROMAGENESIS to relevant stakeholders.

Funding Information

The position is funded through a grant provided to the AROMAGENESIS consortium and led by Trinity College Dublin under the direction of Prof. Ursula Bond [EU project H2020-MSCA-ITN-764364], commencing Dec 2017 and ending Nov 2021.
Person Specification

Qualifications
The candidate should hold a PhD in Microbiology, Genetics, Biochemistry or a related field, ideally in the area of Eukaryotic Microbiology or Genetics.

Knowledge & Experience (Essential & Desirable)
The candidate should have previous laboratory administrative experience.

Skills & Competencies
Excellent scientific writing skills.

Application Information
Candidates should submit a Curriculum Vitae and a Cover Letter (1x A4 page) that specifically address the following points in their application.

- Research experience in the relevant field(s).
- Prior administrative experience.
- Communication and information dissemination skills.
- Scientific writing skills.

- Informal enquiries and applications for this post should be made to Prof. Ursula Bond, ubond@tcd.ie

Further Information for Candidates

| URL Link to Area | www.tcd.ie/Microbiology |
Trinity College Dublin, the University of Dublin

Trinity is Ireland’s premier university, with a proud tradition of excellence stretching back to its foundation in 1592. The oldest university in Ireland, and one of the oldest in Europe, today Trinity sits at the intersection of the past and the future, and is ideally positioned as a major university in the European Union. Our 47-acre campus is located in the heart of Dublin city centre and is home to historic buildings dating from the University’s establishment, as well as some of the most cutting-edge teaching and research facilities in Ireland. Students at Trinity benefit from a unique educational experience across a range of disciplines in our three faculties – Arts, Humanities, and Social Sciences; Engineering, Mathematics and Science; and Health Sciences. The pursuit of excellence through research and scholarship is at the heart of a Trinity education, and our researchers have an outstanding publication record and strong record of grant success.

Trinity has developed 19 broad-based multidisciplinary research themes that cut across disciplines and facilitate world-leading research and collaboration within the University and with colleagues around the world. These internationally recognised themes include such diverse areas as Cancer, Immunology, Telecoms, Identities in Transformation, Nanoscience, Neuroscience, and Making Ireland. Researchers from across the University work together in innovative ways to develop new and exciting approaches to their research and explore the frontiers of knowledge in the 21st century. In creating these dedicated research themes, Trinity's researchers are able to become a more powerful force on the global stage, successfully competing for large-scale grants and attracting top students and faculty to the University. Trinity is home to Ireland’s first purpose-built Nanoscience research institute, CRANN, which opened in January 2008. This state-of-the-art facility houses 150 scientists, technicians, and graduate students in specialised laboratories, fostering creative innovations that have seen Trinity’s researchers make significant breakthroughs.

The Trinity Long Room Hub for Arts and Humanities Research Institute is the University’s flagship institute for research in the Arts and Humanities, providing a world-class environment for cross-disciplinary collaborative projects. The Long Room Hub provides a central location through which the University’s internationally respected Arts and Humanities research can
become more visible, demonstrating its relevance for contemporary and future societies. Researchers from across the University regularly participate in debates on topical issues facing the world today. As well as operating an International Visiting Research Fellowship programme, the Long Room Hub also hosts major EU-funded Digital Humanities projects.

One of the most instantly recognised parts of Trinity’s campus is the famous Old Library, home to the historic Book of Kells as well as other internationally significant holdings in manuscripts, maps, and early printed material. Trinity’s Library is the largest research library in Ireland and is an invaluable resource to Trinity’s students and research community. Built up over the four centuries of the University’s existence, the Library’s collections have benefitted from its status as a Legal Deposit library for the past 200 years, granting Trinity the right to claim a copy of every book published in Ireland and the UK. At present, the Library’s holdings span approximately 4.25 million books, 22,000 printed periodical titles, and access to 60,000 e-journals and 250,000 e-books.

Trinity attracts top students from Ireland and abroad and prides itself on the consistently high standard of student admitted to the University every year. These students are drawn to Trinity for the excellence of our research-led teaching and for the quality and prestige a degree from this University confers. Trinity has also pioneered accessibility to education in Ireland, becoming the first university in the country to reserve 15% of its undergraduate places for students from non-traditional learning groups. Trinity is the top-ranked European university for student entrepreneurship and Europe’s only representative in the world’s top-50 universities.

Our alumni have gone on to shape the history of Ireland and of Western Europe in a wide range of fields. These include such notable figures as Jonathan Swift, Oscar Wilde, William Rowan Hamilton, Edmund Burke, William Stokes, Denis Burkitt, Louise Richardson, Lenny Abrahamson, and Anne Enright. Three of Trinity’s graduates have been awarded Nobel prizes: Ernest Walton for Physics in 1951; Samuel Beckett for Literature in 1968; and William Campbell for Physiology / Medicine in 2015. Trinity also counts the first female President of Ireland among its alumni in Mary Robinson, as well as other notable former Presidents Douglas Hyde and Mary McAleese. At Trinity we are justifiably proud of our tradition, and we strive to uphold this excellence as we face the demands of the 21st century.
Ranking Facts

Trinity is the top ranked university in Ireland. Using the QS methodology we are ranked 88th in the world and using the Times Higher Education World University Rankings methodology we are 131st in the world.

World University Rankings Update (April 2017)

Overall

- Trinity is Ireland’s No.1 University in the QS World University Ranking, THE World University Ranking and the Academic Ranking of World Universities (Shanghai).
- Trinity is ranked 88th in the World, and 29th in Europe, in the 2017/2018 QS World University Ranking.
- Trinity is ranked in the Top 100 for Graduate Employability in the QS 2017 Rankings.
- Trinity is in the Top 50 most innovative universities in Europe according to Reuters.¹
- Between 2010 and 2015, Trinity was ranked the top university in Europe for entrepreneurship according to Pitchbook’s independent analysis.²

¹ [http://www.reuters.com/article/us-innovative-stories-europe-idUSKCN0Z00CT](http://www.reuters.com/article/us-innovative-stories-europe-idUSKCN0Z00CT)
Internationalisation

- Trinity is ranked 52nd in the world in the THE World University Ranking for international outlook.

Research Performance

- Of the 981 institutions included in the THE World University Rankings for 2017, Trinity is in the top 15% internationally for research performance.
- Trinity is ranked in the top 15% internationally by QS for citations.

In the QS World University Rankings:

- Trinity featured in the world's elite (Top 200) institutions in 25 of the 28 subjects in which it was evaluated by the QS World University Rankings by Subject in 2015. Of these, Trinity ranked in the top 100 in the world in 14 subjects and in the top 50 in the world in 6 subjects: English Language and Literature; Nursing; Politics and International Studies; History; Biological Sciences; and Modern Languages.
- In three out of the last four years, Trinity has been consistently ranked in the Top 50 worldwide for the following areas: English Language and Literature; Nursing; Modern Languages; and Politics and International Studies.
- In the QS Faculty rankings, Trinity has been consistently ranked in the Top 100 globally for Arts and Humanities over the last four years.