



Welcome from Professor Ian Charles OBE

Thank you for your interest in joining the Quadram Institute.

As the institute's founding Director, I can tell you this is a unique opportunity to work at the forefront of integrated food and health research in the state-of-the-art Quadram Institute, at the heart of the Norwich Research Park.

I will be retiring as Director in October but I know the institute is set to go from strength to strength, and whoever succeeds me will be in the privileged position of joining an outstanding team. The Quadram Institute brings together Quadram Institute Bioscience (QIB) research groups with others from the University of East Anglia (UEA), and Norfolk and Norwich University Hospital (NNUH) to deliver world-leading expertise in food science, microbiology, bioinformatics and clinical research.

With the appointment of a number of world-leading Group Leaders, QIB is strengthening its position and delivering fundamental and translational microbiology, food and health research.

We are seeking individuals who will join the Quadram Institute, bringing with them a track record of delivering high-profile and high-impact science in the areas of Food, Microbiome and Health, Microbes and Food Safety, and Food and Nutrition and who have the outstanding leadership skills to take ownership of, direct, and deliver in one of these vital workstreams.

This information pack has been developed to provide you with more information about us, our research and the Norwich Research Park. For more information, please browse our website at <https://quadram.ac.uk/> or for further information about the recruitment process please contact our recruitment team at nbi.recruitment@nbi.ac.uk.

Yours faithfully,

Professor Ian Charles OBE
Director, Quadram Institute

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Background

The vision for the Quadram Institute was developed in partnership between Quadram Institute Bioscience (QIB), the University of East Anglia (UEA), the Norfolk and Norwich University Hospital (NNUH) and the Biotechnology and Biological Sciences Research Council (BBSRC).

The vision combined excellent patient care and clinical research from the NNUH with the scientific expertise in food and health on the Norwich Research Park, in particular in QIB.

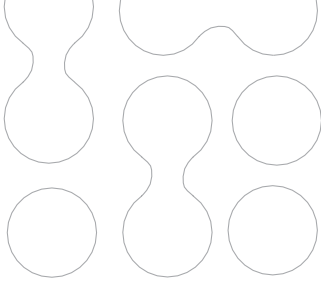
QIB's research themes expand on the research strengths from the Institute of Food Research (IFR), and on its long history of food research. Created in November 1986 the IFR became independent in 2011, and in April 2017 IFR transitioned into Quadram Institute Bioscience as a first step towards realising the vision of the Quadram Institute.

The Quadram Institute is the £75 million state-of-the-art food and health research and endoscopy centre in which the QIB is now based. It is at the forefront of the new interface between food science, gut biology and health, developing solutions to worldwide challenges in food-related disease and human health.

The mission of the Quadram Institute is to understand how food and the gut microbiota are linked to the promotion of health and the prevention of disease, with an emphasis on diet- and age- associated diseases. Scientists and clinicians use this knowledge to develop evidence-based strategies to maximise positive impacts of food on health, from early life to the extension of a healthy lifespan in old age and reduce the economic and societal costs of chronic diseases.

The future is exciting. The Quadram Institute building is home to Quadram Institute Bioscience, the Norfolk and Norwich University Hospital's gastrointestinal endoscopy centre and the Clinical Research Facility (CRF).





About Norwich Research Park

The Norwich Research Park, located just outside the historic city of Norwich, England, is a community of independent research organisations with world-leading science credentials.

The Norwich Research Park community consists of;

-  The Quadram Institute
-  The John Innes Centre
-  The University of East Anglia
-  The Sainsbury Laboratory
-  The Earlham Institute
-  The Norwich and Norfolk University Hospital

From the soil to our health, the vision of the Norwich Research Park is to “change lives and rethink society through pioneering research and innovation, reframing the future of research.”

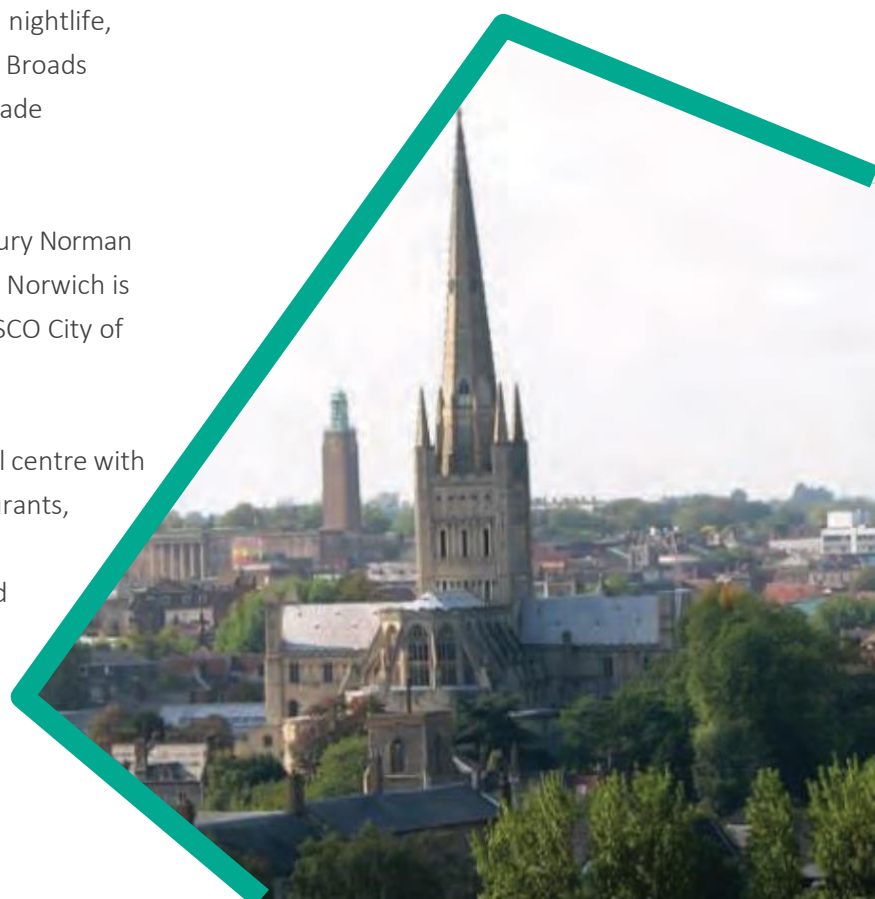
This will be achieved by supporting spin-out and start-up companies, and through attracting investment from corporate organisations involved in science and technology from across the world.

www.norwichresearchpark.com

Norwich is a vibrant city, often ranked in the Top 10 shopping cities in the UK and is rich in arts, culture, music, nightlife, and tourism. It is within easy reach of the Norfolk Broads National Park, the UK’s largest navigable man-made waterway.

The city boasts a Norman Cathedral, a 12th century Norman Castle and a medieval centre of cobbled streets. Norwich is also the first city in England to be awarded UNESCO City of Literature status.

As a regional capital city, it is a significant cultural centre with stylish café bars, pubs, cinemas, theatres, restaurants, nightclubs, concerts, exhibitions and festivals. It is well linked to London and Cambridge by road and rail, and internationally via Norwich International Airport.



Quadram Institute Bioscience Vision

Quadram Institute Bioscience (QIB) creates new interfaces between food science, gut biology, human health and disease, capitalising on the world-class bioscience cluster based at the Norwich Research Park. QIB scientists work alongside clinicians and work closely with major national and international funding bodies and charities, collaborators and investors to ensure translation of our fundamental science to benefit patients, consumers and wider society.

Quadram Institute Bioscience undertakes interdisciplinary research that maximises the unique cluster of academic excellence and clinical expertise at the Norwich Research Park, working alongside the food and pharmaceutical industries on our core science programmes: Food, Microbiome and Health, Microbes and Food Safety, and Food and Nutrition.

QIB is also home to the Food and Nutrition NBRI which manages the McCance and Widdowson's Nutrient Composition Data, a national asset in nutrition research.

About the roles

Group Leaders



Group Leaders (Senior and Early Career)

The Quadram Institute is investing in its world-leading research through the creation of new Group Leader positions. Full or Part Time.

Background:

The Quadram Institute is a cutting-edge £75 million facility with strategic research programmes in Food, Microbiome and Health, Microbes and Food Safety, and Food and Nutrition. We bring together a diverse team of researchers, academics, and NHS clinicians to tackle pressing issues in human health, food, and disease. Our innovative approach bridges food science, gut biology, and human health, leveraging the world-class bioscience cluster at Norwich Research Park. The Quadram Institute Bioscience (QIB) has vacancies for both established and early-career scientists who want to make a significant impact on global health challenges!

We are looking for dynamic and proactive scientists to lead research programmes that advance our mission of improving lives through cutting-edge research in gut health, microbiology, and food science.

Ideal candidates:

Ideal candidates will have a strong publication record, experience relevant to our scientific focus, and a clear vision for collaborative research. You should demonstrate potential for attracting funding and be committed to addressing key issues in microbiology, human microbiome, food health and safety, nutrition, and sustainable diets. Collaboration is at our core, and we value partnerships with scientists within our institute, across the UK, and globally, as well as with industry and government.

Candidates will be considered for a Career Track Group Leader position of 5 years or an indefinite contract, along with a support package that includes both setup funding and scientific support.

Applications are invited from microbiologists, biochemists, data scientists, bioinformaticians, nutritionists, immunologists, gastroenterologists and other areas of clinical sciences to join a vibrant community dedicated to advancing science and improving health worldwide!

At QIB we are committed to equality, diversity and inclusion. We value the diversity of our staff and are committed to creating a positive environment, one that is fair, welcoming and inclusive, and where everyone is treated with dignity and respect. Please let us know if you need any adjustments made to the application or selection process so you can do your best.

For more details of our commitment to Equality, Diversity and Inclusion, see our website [Equality, Diversity and Inclusion - Quadram Institute](#)

How to apply:

Interested applicants are invited to submit a description of (i) current research activities and (ii) short and longer-term research aims and potential strategic goals (each ~2-3 pages). Please combine this with your CV together with a cover letter stating what motivates you to apply for a Group Leader position at QIB and submit this by 30th September 2024.

Please visit our web site <https://jobs.quadram.ac.uk> to submit your application.

For any queries please contact the Human Resources team on 01603 450462 or nbi.recruitment@nbi.ac.uk

Closing Date: 30th September 2024

Main purpose of the job:

Research at the Quadram Institute focuses on major challenges in disease, food innovation, healthy ageing, and the understanding of the microbiome. This research is currently organised into two strategic research programmes globally covering the following areas:

- Food, Microbiome and Health: This research focuses on the relationships between plant-based foods and human health, through the integration of nutrition and agri-food science, and understanding the microbiome within and beyond the gastrointestinal tract.
- Microbes and Food Safety: This research aims to reduce human foodborne illness through improved food safety and reduce food waste due to microbial spoilage.

We are looking for dynamic and proactive scientists to these lead research programmes that advance our mission of improving lives through cutting-edge research in gut health, microbiology, and food science.

Ideal candidates will have a strong publication record, experience relevant to our scientific focus, and a clear vision for collaborative research. You should demonstrate potential for attracting funding and be committed to addressing key issues in microbiology, human microbiome, food health and safety, nutrition, and sustainable diets. Collaboration is at our core, and we value partnerships with scientists within our institute, across the UK, and globally, as well as with industry and government.

Applications are invited from microbiologists, biochemists, data scientists, bioinformaticians, nutritionists, immunologists, gastroenterologists and other areas of clinical sciences to join a vibrant community dedicated to advancing science and improving health worldwide!

Key relationships:

- Internal: All employees working at the Quadram Institute, including QIB, UEA and NHS colleagues. NBI Partnership.
- External: UKRI, BBSRC, Norwich Research Park, other scientific institutions and educational bodies, industry, governmental organisations, general public.

Main activities and responsibilities

- Lead and manage high profile and innovative projects focused on a relevant science – as self-contained projects or as part of broader institutional strategic programmes.
- Secure significant funding in accordance with the expectations of the discipline and level of the role.
- Lead and manage research teams, taking responsibility for the delivery of the research. This will include supervising Post-Doctoral Research Assistants, supporting effective career development and maintaining high levels of performance representative of a world class institute.
- Write and publish high quality and significant research papers together with providing expert commentary in a variety of media.
- Promote a culture of world class science excellence, collaboration, and scientific integrity across the Institute
- Develop pertinent research strategies for the QI to deliver high social and economic impact.
- Promote our research and develop business opportunities for the Institute by liaising with and influencing government, industry and other external partners.
- Disseminate research findings and consolidate the Institute's international reputation through participation in international conference and exhibitions.
- Other duties commensurate with the nature of the role.

Job and Person Profile for Group Leaders



Education & Qualifications

PhD in a relevant scientific area Essential

Specialist Knowledge & Skills

Background relevant to the research areas of the Institute Essential

Experience with modern approaches to understand the form and function of the gut microbiome and its response to nutrients Essential

A track record of research into subjects relevant to the key areas of interest and the Food, Microbiome and Health / Microbes and Food Safety strategic interests Essential

Relevant Experience

An excellent publication record in peer reviewed journals, commensurate with stage of career Essential

Established record of post-doctoral research, including effective management of projects Essential

Evidence of experience of – or potential for – attracting funding, commensurate with stage of career Essential

Experience of leading, managing and mentoring teams, including promoting excellence and developing and maintaining high levels of performance Essential

Ability to lead and participate in interdisciplinary research Desirable

Success in leading research and initiating interdisciplinary collaborations Desirable

Experience of promoting a positive research culture and well-being within a research environment. Desirable

Job and Person Profile for Group Leader Microbes and Food Safety

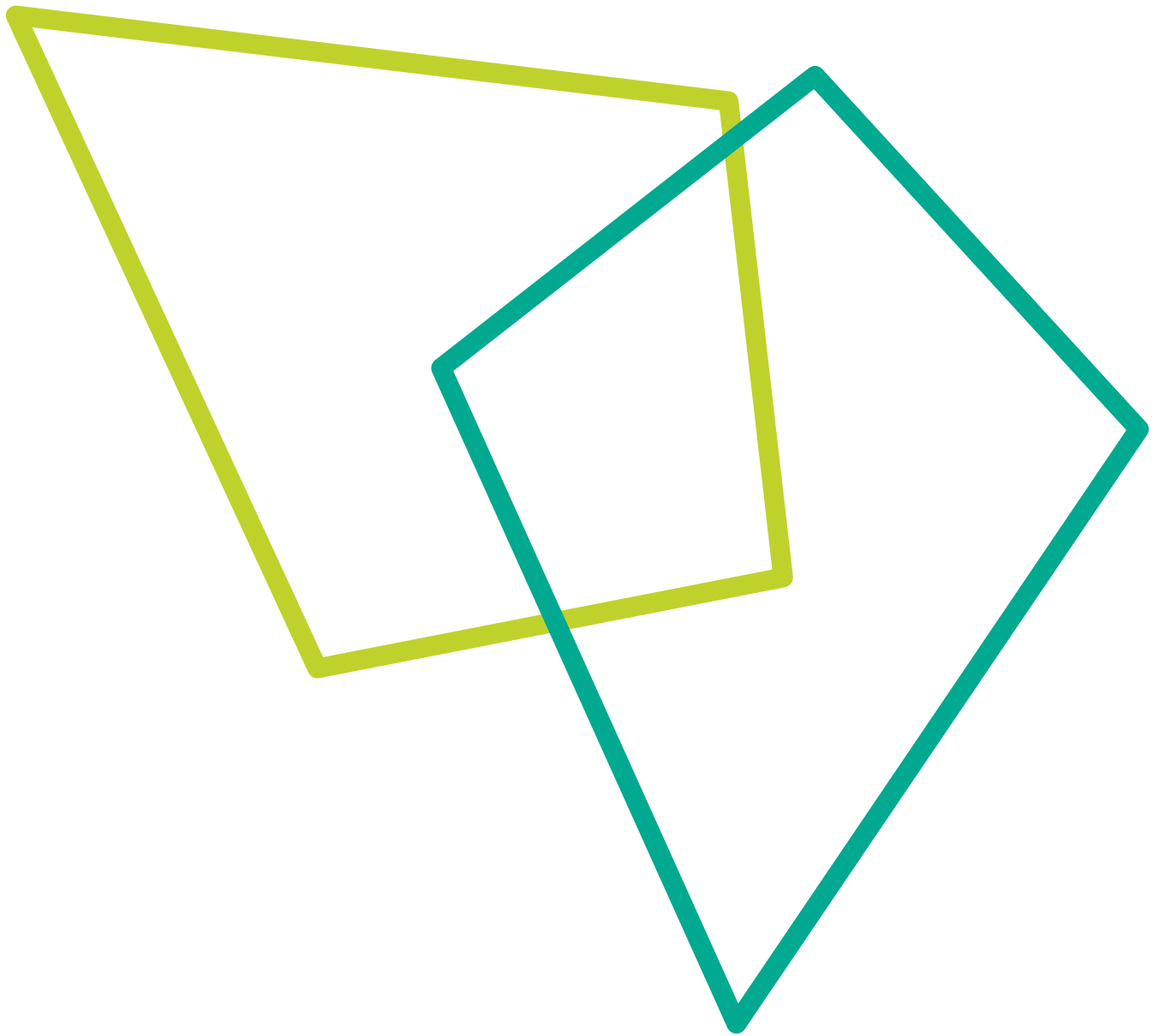


Interpersonal and communication skills

Strong collaboration skills	Essential
Ability to create, build, strengthen and sustain highly effective relationships with key stakeholders	Essential
Ability to communicate effectively and appropriately with all people at all levels both inside and outside the institute.	Essential

Additional requirements

Promotes equality and values diversity	Essential
Willingness to embrace the expected values and behaviours of all staff at the Institute, ensuring it is a great place to work.	Essential
Presents a positive image of self and the Institute, enhancing international reputation and promoting public engagement.	Essential
Ability to travel nationally and internationally related to collaborations and/or seminars	Essential



If you are interested in working at the Institute, please visit our web site <https://jobs.quadram.ac.uk> to submit your application.

All commercial enquiries should be sent to business@quadram.ac.uk

For all other information or queries please email info@quadram.ac.uk

Quadram Institute
Norwich Research Park
Norwich
Norfolk
NR4 7UQ
UK