

SECTOR SPOTLIGHT

FOOD, HEALTH & MICROBIOME

At Norwich Research Park there is a uniquely multidisciplinary approach to research in the field of food and health and the fundamental relationship between them.

The Quadram Institute will bring together in one building academic researchers, clinicians and patients adding capabilities and novel research to the existing food and health activities present on the Park.

RESEARCH FOCUS

GUT HEALTH AND THE MICROBIOME

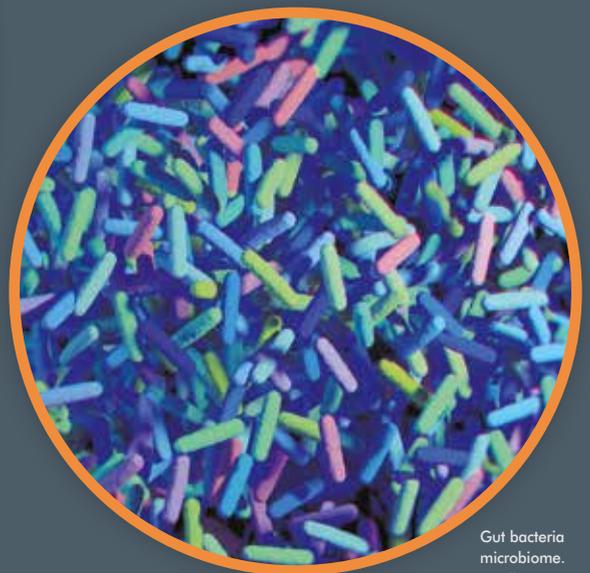
Unique multidisciplinary programmes focus on how the Gastrointestinal (GI) tract, and the microbial communities that it hosts, function and protect our health.

FOOD INNOVATION

Studies, incorporating clinical research and human trials, to uncover how food can modulate digestive and metabolic processes to maintain and promote health and healthy aging.

FOOD SAFETY

Expertise collected together to understand the ecology, evolution and survival strategies of pathogens in the food chain, including the drivers of antimicrobial resistance, to ensure our food chain is safe, and improve human and animal health and productivity.



Gut bacteria
microbiome.
3D illustration.
Representation.

SECTOR SPOTLIGHT

FOOD, HEALTH & MICROBIOME



SERVICES AND FACILITIES

- **Food Databanks National Capability:** an international resource used by the public and private sector to obtain an understanding of patterns and trends in food composition and consumption, their effects on health and the development of healthier food products.
- **Clinical Research Facilities:** expertise and facilities for carrying out human health and nutrition research studies involving patients and healthy volunteers. A new clinical research facility will open in the Quadram Institute in mid-2018.
- **Science Facilities:** Analytical Services Unit, Proteomics Facility and Human Nutrition Unit.

BUSINESS SUPPORT

- Free business coaching and mentoring.
- Angel network and grant signposting.
- Networking and events.

PARK OCCUPIER BENEFITS

- Enterprise Zone business rate discounts.
- Purchasing scheme.
- One Nucleus membership benefits.
- Café and meeting rooms.
- Superfast broadband.
- Free on-site parking and Wi-Fi for visitors.

SPACE

- **Accelerator lab:** Shared bench space plus access to shared equipment lab.
- **Accelerator office:** Shared office space.
- **Bioincubator:** Small laboratory and office units plus access to shared equipment lab.
- **Centrum:** Networking café, medium to large laboratory and office units.
- **Design and build:** Serviced plots ready for development.

KEY RESEARCH ORGANISATIONS

- **The Quadram Institute:** working at a new interface between food science, gut biology, human health and disease.
- **The Earlham Institute:** one of the UK's leading institutes, applying genomics and computational approaches to advance bioscience.
- **Norfolk and Norwich University Hospital:** 1,000-bed teaching hospital combining high-quality clinical and laboratory services with active research programmes.
- **University of East Anglia:** UK top 15 university, world top 200 with major faculties in Science and Medicine.

KEY BUSINESS ORGANISATIONS

- **ABC Food Law:** a niche legal practice specialising in the area of food law and related areas for local authorities and food businesses.
- **QIB Extra Ltd:** a commercial subsidiary of the Quadram Institute undertaking short-term and applied research projects, troubleshooting, specialist analysis, and consultancy work.
- **Food Forensics:** providers of stable isotope ratio analysis of food, beverage, and feed stuff.
- **Genome Enterprise Ltd:** delivers next-generation sequencing and associated bioinformatic analysis. Services include whole genome sequencing, exome sequencing, transcriptomics, metagenomics, methylation sequencing, and optical mapping.



Image credits:
ABC Food Law



For more details please contact:

Norwich Research Park Management Office
t 01603 673 600 e enquiries@norwichresearchpark.com

www.norwichresearchpark.com

