

SECTOR SPOTLIGHT GENOMICS

At Norwich Research Park there is a world class business and research cluster of expertise in genome analysis and manipulation of animal, microbial and plant systems for a wide range of applications.

A supportive and collaborative environment, Norwich Research Park is the ideal location for innovative businesses to thrive.

Right: Automation utilised for sample processing at the Earlham Institute

Below: Loading SMART cell chip strip onto the PacBio RSII sequencing platform



TECHNOLOGY EXPERTISE

GENOME SEQUENCING AND BIOINFORMATICS

Next-generation sequencing and genomics platforms providing 'omics capabilities and analysis.

DIGITAL BIOLOGY

Design, development and implementation of novel platforms for the management and visualisation of large research datasets.

ENGINEERING BIOLOGY

Development of systems and infrastructure for synthetic and systems biology in microbes and plants.



SGI UV 2000 in Earlham Institute's high-performance computing Data Centre

SECTOR SPOTLIGHT GENOMICS



E Earham
Institute

UEA
University of East Anglia

John Innes Centre
Unlocking Nature's Diversity

The Sainsbury Laboratory
TSL

KEY RESEARCH ORGANISATIONS

- **The Earlham Institute:** one of the UK's leading institutes, applying genomics and computational approaches to advance bioscience.
- **University of East Anglia:** UK top 15 university, world top 200 and world leader in environmental sciences with major faculties in Science and Medicine.
- **John Innes Centre:** world-leading international centre of excellence in plant science, crop science, microbiology and genetics.
- **The Sainsbury Laboratory:** world-leading research institute working on the science of plant-microbe interactions.

SERVICES & FACILITIES

- **DNA Foundry:** Supports the design, generation and exploitation of high-value compounds and bioactives via synthetic biology from plants and microbes. Access on a collaborative or fee for service basis.
- **High-Performance Computing:** Resources for genomics and computational bioscience with compute and storage infrastructure.
- **Genomics and single-cell analysis:** High-throughput services for genomics from sequencing, optical genetic mapping and single-cell analysis for genomics, transcriptomics and epigenetics.
- **Sys Consulting:** Provides access to University of East Anglia's School of Computing Sciences research and expertise including bioinformatics and data mining.

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.



Flexible lab space

For more details please contact:

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