

Industrial Liaison Labs @ Discovery Park.



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Established in 2016, the Discovery Park-based Life Sciences Industry Liaison Lab in Sandwich - provides companies with cutting edge scientific research, helping them to find solutions that lead to new treatments and ground-breaking discoveries.

Supported by academic staff and students, the lab can offer a personalised approach to specific research questions, providing a variety of options for collaboration with industry.

“As a start-up business with global-sized drams, investigating the research and development of our ideas for a natural solution to our climate emergency and global water crisis seemed like an extraordinarily tall mountain to climb. Canterbury Christ Church University’s academic team made our mission into something achievable, easy, understandable, and exciting. The team’s undeniable talent, expertise, compassion, and communication skills have created a fantastic relationship between Bare Native and the University.”

ABIGAIL GIBSON-WASS | FOUNDER AND CEO, BARE NATIVE



Expertise

Our first-class facilities for science and research provide a range of scientific services and equipment:

- Quantitative genetics, genome sequencing, bioinformatics, and gene expression
- Bacterial and invertebrate model systems like yeast, *C. elegans*, and *E. coli*
- Cloning, DNA barcoding, genotyping, and mammalian.

Review of biological control agents’ effectiveness and potential risks for example:

- Disease simulations in vitro (development of cell-based models for Drug Discovery)
- Biomarkers (patient sample identification/use)
- Study of the proteome and transcriptome (preparation of samples through to data analysis)
- Microbiology analysis (microorganism preparation, sample evaluation, and species identification)
- Creating a proof-of-concept for an invention (supporting companies)
- Safety and Health (reviewing and committee leads)
- Creation of assays based on cells
- Imaging of cells (TEM, SEM, confocal and epifluorescence).