

ABRAHAM GIHAWI

Computational Biologist

An interdisciplinary scientist in cancer microbial bioinformatics seeking the next step.

ACADEMIA

- 2021 | 2022 • **Senior Bioinformatics Officer**
Unravelling the link between bacteria and aggressive prostate cancer
📍 UEA
- 2021 | 2017 • **PhD Computational Biology**
Searching for Pathogens in Cancer Sequence Data
📍 UEA
- 2017 | 2015 • **MSc, Cancer Therapeutics - Distinction - 80%**
Project: PHLDA1 in FGFR Inhibitor Resistant Cancer
📍 QMUL
- 2014 | 2011 • **BSc (hons) Biomedical Science - 69%**
Project: A Portable Test for Bacteria & Urobilinogen in Urine
📍 Lincoln

EXPERIENCE

- 2017 | 2015 • **Medical Laboratory Assistant**
Royal Sussex County Hospital
📍 Brighton
• Processed and analysed clinical samples in adherence with trial protocols
- 2015 | 2014 • **Health Advisor NHS 111**
Care UK
📍 Dorking
• Triage patients and provided healthcare advice via telephone
- 2014 | 2013 • **NHS Experience Placements**
Princess Diana & Scunthorpe General
📍 Grimsby & Scunthorpe
• Departments including: Radiology, Nuclear Medicine, Cardiology, Pathology (Biochemistry, Haematology, Transfusion, Andrology, Virology)

PUBLICATIONS

- 2019 • **SEPATH: benchmarking the search for pathogens in human tissue whole genome sequence data leads to template pipelines**
Genome Biology
📍 DOI: [10.1186/s13059-019-1819-8](https://doi.org/10.1186/s13059-019-1819-8)
Abraham Gihawi, Ghanasyam Rallapalli, Rachel Hurst... Daniel S. Brewer
- 2019 • **Potential for diagnosis of infectious disease from the 100,000 Genomes Project Metagenomic Dataset: Recommendations for reporting results**
Wellcome Open Research
📍 DOI: [10.12688/wellcomeopenres.15499.1](https://doi.org/10.12688/wellcomeopenres.15499.1)
Gkikas Magiorkinis... Abraham Gihawi... Colin Cooper.

OTHER

Successful Grants: "Unravelling how bacterial infection drives the development of aggressive prostate cancer" - Prostate Cancer UK

Peer Review: Genome Biology (BMC), Genomics (Elsevier)

CONTACT

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SKILLS

Programming: R, Python, Unix

Computational Pipelines

Microbial Bioinformatics

High Performance Computing

Dimensionality Reduction

Translational Cancer Research

CONFERENCES

Posters:

[EACR Bioinformatics in Cancer, 2021](#)

[NCRN Symposium, 2020](#) 🏆

[Genomics England, 2019](#)

[EMBL Heidelberg, 2018](#)

Talks:

[NCRN \(2021\)](#)

[UEA PGR Conference \(2018\)](#)

REFERENCES

Prof. Daniel Brewer
D.Brewer@uea.ac.uk

Prof. Colin Cooper
Colin.Cooper@uea.ac.uk

Code: github.com/Agihawi/Gihawi_CV
Last updated: 2021-05-18