# Synthetic Chemist

Salary range £27,000-£37,000 per annum

Closing date for applications: 24th April 2024

## Role Summary

New Path Molecular is a spin out from the group of Prof Steve Ley at the University of Cambridge. We are a small, innovative chemistry company specialising in machine assisted synthesis, including flow chemistry. We are looking for a talented synthetic organic chemist to join our chemistry team in Cambridge working on method development and synthesis, in batch and flow, of functional molecules as part of our oncology drug discovery team or our research collaborations with pharma and biotech. We’re looking for someone who has a passion for chemistry and making molecules and can offer the right person a challenging role in a dynamic small company at the forefront of synthesis innovation and the chance to work with world leading scientists through our collaborations with industry and academia.

## Key Responsibilities:

* Execute experimental work in the laboratory to progress projects according to agreed work plans
* Liaise with the CTO to progress projects effectively
* Maintain accurate records of experimental work
* Assist with production of reports and presentations
* Report to collaborators verbally in person or by telephone or video conference
* Assist in the safe running of the laboratory
* Assist with the efficient running of the research laboratory including ordering, management, storage and disposal of chemicals and consumables
* Continually update knowledge and understanding in field or specialism
* Translate knowledge of advances in the subject areas into research activity

## Person Profile

### Education & qualifications

The candidate must have a BSc Hons in chemistry and a PhD or equivalent industrial research experience.

### Specialist knowledge & skills

The role holder would possess research experience, either in an academic or industrial setting with sufficient breadth/depth of specialist knowledge in the discipline and of research methods and techniques to work within an established research programme including experience in:

* multi-step synthesis
* isolation and purification techniques for chemical synthesis
* the use of HPLC-MS and nmr to analyse reaction outcomes

A desire to work at the interface of chemistry and biology will be important.

Experience in peptide or oligonucleotide synthesis and/or flow chemistry would be an advantage.

### Interpersonal & communication skills

Self-motivation, team player and strong communication skills

# Terms and Conditions

Location: Babraham Research Campus, Cambridge UK

The Babraham Research Campus is considered to be one of the UK’s leading campus' to support early-stage bioscience enterprise and is distinct in its co-location of bioscience companies with the [Babraham Institute](https://www.babraham.ac.uk/). World class research and business come together to promote innovation and strengthen links between academia and the commercial world. For more information see <https://www.babraham.com/>

Working pattern: Monday – Friday

Hours of work: fulltime (although candidates wishing to work part time will also be considered)

Length of appointment: permanent

Probation period: 3 months

Annual leave: 20 days plus public holidays

Pension eligibility: New Path Molecular Pension Scheme

## Pre-employment Check Requirements

We have a legal responsibility to ensure that you have the right to work in the UK before you can start working for us. If you do not have the right to work in the UK already, any offer of employment we make to you will be conditional upon you gaining it.

## Application Process

To submit an application for this vacancy, please send a c.v. and covering letter outlining your suitability for this position to [HR@newpathmolecular.com](mailto:HR@newpathmolecular.com).

## Equal Opportunities

We are committed to a proactive approach to equality, which includes supporting and encouraging all underrepresented groups, promoting an inclusive culture and valuing diversity. We make selection decisions based on personal merit and an objective assessment against the criteria required for the post. We do not treat job applicants or members of staff less favourably than one another on the grounds of sex (including gender reassignment), marital or parental status, race, ethnic or national origin, colour, disability (including HIV status), sexual orientation, religion, age or socio-economic factors.