

**Position:** Industrial placement – Synthetic Chemistry  
**Location:** Milton Park, Abingdon, Oxfordshire.  
**Date of Post:** Jan 2019

## Company overview

Green Biologics Ltd (GBL) is an industrial biotechnology company with R&D facilities on Milton Park, near Abingdon, Oxfordshire, UK and a commercial bio-butanol plant in Minnesota, USA. Our primary aims are to unite microbiology and chemistry to create breakthrough sustainable ingredients used to produce high-performing consumer goods and industrial products.

## Placement description

GBL has an opening for a highly motivated and enthusiastic placement student to join the synthetic chemistry team, based at our Abingdon location.

The placement project will focus on developing and optimising reaction methodology towards the synthesis of new target compounds. It will be a lab based placement where you will follow standard practices in the lab, establishing synthetic routes and performing analysis of reaction outcomes and product purity by standard analytical techniques such as NMR, HPLC and GC-MS.

This is a 12 month placement with a start date of mid-July/ early August 2019. The salary is £16,000 per annum. Full training will be provided.

The successful candidate will be working towards a BSc or MChem in a chemistry, or biochemistry-related subject. Some hands on lab experience is desirable but not essential.

## Key duties and responsibilities

- Use of common techniques for setting up and working up reactions
- Use of purification techniques such as distillation, recrystallization and chromatography
- Completion of COSHH and risk assessments
- Contribution to routine lab maintenance tasks
- Flexible working may be required

## Personal attributes:

- Willingness to learn
- Excellent communication skills
- Ability to follow directions
- Good team working skills
- Ability to work independently
- Strong organisation skills to manage and prioritise multiple tasks
- Willingness to assist in carrying out other basic lab tasks in order to maintain lab efficiency

To apply please send your CV and covering letter to [nathan.fairhurst@greenbiologics.com](mailto:nathan.fairhurst@greenbiologics.com). The application closing date is **22<sup>nd</sup> February 2019**.