

# James Francis Paliga

Email: [jamespaliga@hotmail.com](mailto:jamespaliga@hotmail.com)

Telephone: 07817544462

## EXPERIENCE

### 2018 - Present:

#### Senior Scientist I, Sygnature Discovery

- Generated ideas to improve compound properties and meet project criteria as well as tackling synthetic challenges in the lab.
- Took on lab and departmental responsibilities, including managing the usage of key analytical equipment and liaising with the facilities team to ensure smooth running of the lab.
- Presented project data to clients in regular meetings and to other scientists in departmental meetings.

### 2017-2018:

#### Scientist, Sygnature Discovery

- Synthesised bespoke compounds using a range of synthetic organic techniques in order to meet client demands.
- Carried out quality control of compounds using a range of analytical techniques.
- Reacted to new emerging data and changed priorities on short notice.

## EDUCATION

### 2013-2017:

#### PhD, University of Edinburgh

*"Hydrofunctionalisation of unsaturated carbon-carbon bonds using earth-abundant metal catalysis"*

Supervisor – Dr Stephen P Thomas

### 2009-2013

#### MChem (Hons), University of Manchester

Upper second class (2.1)

## PUBLISHED MATERIAL

*"Broad Scope Hydrofunctionalization of Styrene Derivatives Using Iron-Catalyzed Hydromagnesiation"*

Alison S. Jones, James F. Paliga, Mark D. Greenhalgh, Jacob M. Quibell, Alan Steven and Stephen P. Thomas, *Org. Lett.* 2014, **16**, 5964-5967.

## CONFERENCES

- 5th National RSC/SCI Retrosynthesis Competition 2018 - Presentation (Runner-up)
- AstraZeneca CASE Conference 2016 - Presentation
- Joseph Black Conference (University of Edinburgh) 2015 - Poster (awarded best poster prize)

## RESPONSIBILITIES AND OTHER DETAILS

- Compound dispatch - responsible for tracking and dispatching compounds to clients on a regular basis.
- Lab management - regularly liaise with the facilities team in order to ensure equipment is maintained, glassware/consumable stock is maintained and scientist work needs are met.
- Inventory management - monthly stock checks of chemical stores to ensure there is space for new chemicals and that any old, unused chemicals are safely disposed of.
- LCMS "Superuser" - responsible for training new users, keeping the machine in general working order and liaising with the analytical team when break-downs occurred.