

## Final Report

**Name of BritInn Fellow:** Prof. Darren Dixon

**Home Department:** Department of Chemistry

**Home University:** Oxford University

**Guest Department:** Department of Chemistry and Pharmacy

**Guest University:** University of Innsbruck

**From:** 22/01/2020      **Until:** 26/01/2020

**Title of the Research Project:** Catalyst and Methodology Development for Organic Synthesis

### Report about visit and future plans:

Prof. Dixon visited the University of Innsbruck to discuss ongoing research projects at the Department of Chemistry and Pharmacy. The visit included presentations by two PhD students (Franz-Lucas Haut, Christoph Habiger) and one Postdoc (Denis Höfler). The presentations were followed by an intense discussion in order to identify potential solutions for recently encountered problems within the individual projects. During lunch, students had the opportunity to familiarize themselves with the Higher Education System in the UK and discuss options for future research stays. In the afternoon, Prof. Christoph Kreutz (NMR), Prof. Thomas Magauer (Organic Synthesis) and Prof. Ronald Micura (RNA Chemistry) took the chance to share their latest results in the field. The presentation by Prof. Dixon revealed beautiful mechanistic insights in the area of catalysis and featured spectacular applications in synthesis. After an intense day of scientific exchange, Prof. Dixon joined Prof. Micura and Magauer at the Restaurant Wilderin to have a glass of beer and enjoy the Austrian hospitality. The exchange stay was professionally and personally highly enriching and we are confident about the success of our projects. We will stay in close contact with Prof. Dixon to further strengthen the scientific exchange and rapidly advance the individual projects.

**Picture Credits:** Thomas Magauer



*Catalytic Approaches for Simplifying Complex  
Natural Product and Tertiary Amine Synthesis*

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24<sup>th</sup> January 2020



