

Dr Chao Xu

• Mobile: +86(0)17696108935 • Email: xu_chao@tju.edu.cn

Education and Work Experience

- 2018 **Research Associate in Chemistry at the University of St. Andrews**
Group Leader: Dr Allan Watson
- 2016–2018 **Research Associate in Chemistry at the University of Strathclyde**
Group Leader: Dr Allan Watson
- 2011–2015 **Ph.D. in Organic Chemistry at the University of Glasgow**
Supervisor: Professor Stephen Clark
Thesis title: Towards the Total Synthesis of (–)-Nakadomarin A
- 2009–2011 **M.Sc. in Medicinal Chemistry at Tianjin University**
Supervisor: Professor Shende Jiang
Thesis title: Synthesis of Oseltamivir (Tamiflu®) from (–)-Shikimic Acid
- 2005–2009 **B.Sc. in Pharmaceutical Science at Tianjin University of Technology**

Publications

1. Xu, C.; Gao, J. C.; Zhang, J.; Jiang, S. D. **The New Process for Hydroxytyrosol Synthesis** (in Chinese), *Fine Chemicals*, **2010**, *27*, 41-44.
2. Ling, X.; Jiang, S. D; Guo, X. Xu, C.; **Industrial Process for the Preparation of Hydroxytyrosol** (in Chinese). Chinese Patent. *CN103420804A*
3. Clark, J. S.; Xu, C., **Total Synthesis of (–)-Nakadomarin A**, *Angew. Chem. Int. Ed.* **2016**, *55*, 4332-4335.
4. Xu, C.; Wittmann, S.; Gemander. M.; Ruohonen, V.; Clark, J. S. **Trialkylphosphine-Mediated Synthesis of 2-Acyl Furans from Ynenones**, *Org. Lett.* **2017**, *19*, 3556-3559.
5. Xu, C.; Fyfe, J. W. B.; Seath, C. P., Bennett, S. H.; Watson, A. J. B. **A One-pot Tandem Chemoselective Allylation/Cross-coupling via Temperature Control of a Multi-nucleophile/electrophile System**, *Chem. Comm.* **2017**, *53*, 9139-9142.
6. Xu, C.; Muir, C. W.; Leach, A. G.; Kennedy, A. R.; Watson, A. J. B. **Catalytic enantioselective synthesis of chiral azaheteroaryl ethylamines via dearomatizing aza-Michael/rearomatizing asymmetric protonation**, *Angew. Chem. Int. Ed.* **2018**, *130*, 11544-11547.