

SHADIKEJIANG SHATAER

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Education

- ✓ September 2007 – June 2010 Xin Jiang Experimental High School, China
- ✓ September 2011 – June 2015 Bachelor of Science (Biotechnology) in
Shanghai Jiao Tong University, Shanghai, China
- ✓ September 2016 – present Masters in Biotechnology in University
of Glasgow, Glasgow, UK

Awards

- ✓ January 2015 China National Scholarship

Skills

- ✓ Plasmid construction and transformation, HIV molecular diagnostics using PCR, RT-qPCR.
- ✓ Recombinant protein expression and purification using different chromatographic methods.
- ✓ Inducible transcriptional control of bacterial motility through synthetic biology.
- ✓ Membrane protein crystallography, high-throughput screening, crystal symmetry and X-ray diffraction of the crystals, data collection.
- ✓ Drug target validation with novel anti leukemic drug.
- ✓ Blue light controlled optogenetics.
- ✓ Circular dichroism spectroscopy, steady state spectroscopy.
- ✓ Theoretical knowledge on transcriptomics, proteomics, and metabolomics.
- ✓ Computer programming (C, Python, R, and Perl programming languages), Linux Shell scripting.
- ✓ Academic writing.

Extracurricular Activities

- ✓ March 2012 – September 2014 Member of Bioinformatics Association
of Shanghai Jiao Tong University

Contact information of referrers

Professor Richard Cogdell: Richard.Cogdell@glasgow.ac.uk
Professor John Christie: John.Christie@glasgow.ac.uk