**Kaihua Chen (Chole Chen)**

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| **EDUCATION** | |
| **Beijing Normal University**  ***Master of Science in Medicinal Chemistry and Molecular Engineering***   * Mentor: Dr. Boli Liu and Dr. Mengchao Cui | **Beijing, China**  **Sep.2015-Jun.2018** |
| **Nanjing Normal University**  ***Bachelor of Science in Chemistry and Materials Science***   * Mentor: Dr. Yawen Tang and Dr. Hui Zhang | **Nanjing, China**  **Sep.2011-Jun.2015**  **GPA: 3.38** |

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| **RESEARCH EXPERIENCE** |
| * ***M.S.*** Synthesis and evaluation of 18F-labeled diphenoxy derivatives as Position Emission Tomography (PET) imaging probes for β-Amyloid plaques * ***M.S.*** Design and evaluation of novel flexible ligands targeting β-Amyloid plaques * ***B.S.*** Conducted Project: Non-enzymatic electrochemical detection of glucose based on Pd1Pt3–graphene nanomaterials * ***B.S.*** Synthesis of semiconductor nanocrystals (Cu-In-S quantum dots) by a microwave method and their enhanced electro-catalytic activity toward oxygen reduction and methanol oxidation |

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| **ACADEMIS COMMUNICATION AND TRAINING** | |
| * The 30th academic annual conference of Chinese Chemical Society | Jul. 2016 |
| * The 8th Training Program of Nuclear Safety and Radiation Protection * Ministry of Environmental Protection and Tsinghua University | Jun.2015 |

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| **PUBLICATIONS** |
| * **Kaihua Chen** and Mengchao Cui. Recent progress in the development of metal complexes as β-amyloid imaging probes in the brain. *Med. Chem. Commun.* ***2017****, 8, 1393.* * Hui Zhang, **Kaihua Chen**, Ping Wu, Chenxin Cai. The synthesis of semiconductor nanocrystals (Cu-In-S quantum dots) by a microwave method. Patent No. CN103496737A. *2014.1.8.* |

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| **HONORS AND AWARDS** | |
| * The Frist Prize Professional Scholarship of Beijing Normal University * The Second Prize Professional Scholarship of Beijing Normal University * Outstanding Dissertation of the Bachelor Degree, Nanjing Normal University   The Frist Prize Professional Scholarship of Nanjing Normal University | 2016-2017  2015-2016  2014-2015 | |
| **SKILLS** | | |
| * **Radiopharmaceuticals:** Probe design, organic synthesis, radiolabeling, biological evaluations * **Animal Study:** Tail intravenous injection, dissecting experiment * **Software:** ChemDraw, Origin, GraphPad Prism, Gauss View 5.0, AutoDock 4.2, Photoshop, EndNote * **Proficient in Instruments:** HPLC, 1H NMR (Bruker Avance III NMR spectrometers), 13C NMR (100 MHz), γ-counter, Technetium analyzer | | |