

**PRIVATE & CONFIDENTIAL**

22 April 2023

Guizhou University of Traditional Chinese Medicine,  
Huaxi District, Guiyang City, Guizhou Province, China

Dear Associate Professor Yang Liang,

**LETTER OF INVITATION**

I am pleased to extend to you an invitation to visit Division of Chemistry & Biological Chemistry, School of Physical and Mathematical Sciences in Nanyang Technological University as visiting scholar, during 01-Jan-2024 to 30-Jun-2024. The detailed schedule will be arranged in due course and informed to you accordingly.

Our lab is committed to the state-of-art original chemistry research that addresses problems of both fundamental and practical significance. A key objective is to develop green and efficient synthetic methods to make functional molecules, and to understand the principles guiding the bond breaking and formation events. We focus on the development of fundamentally novel basic catalytic activation modes with useful synthetic applications for the preparation of pharmaceuticals, agriculture chemicals, fine chemicals, and for efficient assembly and/or modification of polymers, biomolecules, and other functional molecules. Over the past years, we have developed new activation modes and synthetic transformations enabled by N-Heterocyclic Carbene (NHC) as the key organic catalyst. Immediate applications of my lab's new catalytic approaches include concise and green processes for bioactive molecules such as valuable non-natural amino acids and their derivatives. On the fundamental side, our research has created new understanding of chemical reactivities and new concept on catalytic activations. The lab has also taken serious efforts on collaborative development on bioactive molecules and functional materials, and applied research for innovation and entrepreneurship.

There will be no tuition fees for the visiting program. It is also my pleasure to write this letter to support your application for the CSC scholarship which would cover all your living expenses for the duration of your stay in Singapore.

While at NTU, you will be conducting collaborative research on rapid synthesis functional molecules via new NHC catalysis, including ongoing studies for concise asymmetric total synthesis of complex natural products with me. In addition, there may be opportunities for you to share your experiences with our research team. I am prepared to supervise you during your study, and we will provide you all necessary infrastructures and facilities to carry out your research at our institute.

In addition, based on personal contact with you via e-mails and based on your research papers, I believe that your English is fluent enough to undertake research studies in our research environment. Please do not hesitate to contact me if you have any questions and I am looking forward to meeting you.

Please let me know if you need any assistance.

Yours sincerely,



**Dr. HAO Lin**

Lab Manager and Senior Research Fellow (Assistant Professor equally)



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