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Dear Prof. Klotzsch,

I am Jiemin Huang, and I am contacting to express my interests for the PhD position aim at applied mechanobiology. I have always been curious about immunobiology and mechanobiology and my passion grew with time along with the desire to learn and know more about how cells sense and react to the environment, especially the immunocytes.

Personally, I think ETH Zurich will provide a well-arranged PhD project and a hectic academic atmosphere, where I can focus on academic research. It would be the ideal location for me to pursue a further understanding of the immunological mechanism I believe your research group will offer a lot of opportunities for international communication and cooperation which meet my career needs.

As regards to my research experience, I studied the protein-protein interaction at University of Macau with MSc in Science of Chinese medicine. Cooperated with PhD students, we found one JAK2 protein targeted drug inhibited the proliferation of melanoma cells and a natural product-like Pin1 inhibitor participated in the Pin1-NF- κ B interaction and induced apoptosis in prostate cancer cells. Then I continued improving my research competence at Shenzhen People's Hospital. I study the mechanism of asthma and found a specific miRNA that can regulate the differentiation of naive CD4⁺ cells. I also searched for the potential therapeutic targets by using bioinformatic analysis. I am now studying the transplantation immunology at Southern University of Science and Technology (SUSTech) as research assistant. I have learned and grasped multiple experiment skills, particularly specialized in mouse surgery that benefits the research progress.

I consider myself as a passionate student, with many social abilities. I can cooperate with others efficiently and fulfilled the task on time. My life experience helped me developing many skills like critical thinking, problem solving and information collecting ability, which enhanced my desire to explore the unknown. I enjoy study independently such as studying the basic knowledge of bioinformatic and program language, which are necessary for the research work. In brief, I am a high motivated candidate. I am confident my skills and experience will enable me to make immediate contributions to the success of your research group.

I appreciate the time and efforts you invested in assessing my application and I am hoping to your prompt response.

Sincerely,

Jiemin

P.S. If it is necessary, I can apply funding from China Scholarship Council (SCS) or the People's Government of Guangzhou, which will cover my living cost in Switzerland.