Cindy QIU

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To Mrs. Director Sabine COLNOT And Mrs. Deputy director Angélique GOUGELET

From Oncogenic functions of β-catenin signaling in the liver ONCOLIV research unit

Centre de Recherche des Cordeliers

15 rue de l'Ecole de Médecine

75006 Paris

<u>Ref</u>: application for an internship in oncology and biotechnology research field laboratory Dear Mrs,

Cancer is the first cause of death worldwide and represents a major public health scourge which arouses many concerns in the biomedical research field. The Centre de Recherche des Cordeliers is a research center of excellence focused on the development of fundamental, translational, and clinical research mainly in oncology and immunology. Your work on β-catenin in liver tumorigenesis are very promising, Wnt/β-catenin signaling pathway is a major pathway in the liver, revealed to be considerably involved in cancer, and its understanding is essential to open new diagnostic and therapeutic opportunities. Hence, today, I am asking you in the context of my internship search for a duration of 7 weeks in your laboratory, starting from April 17th to June 2nd, 2023. It also includes a scientific project consisting in a scientific preparation and bibliographic research carried out once a week, every Monday from February in the presence of the training supervisor either in the laboratory or by videoconference.

I am a student in first year of Life sciences and Health "Tissue, Cell and Gene Biotherapies" Sino-French international track master's degree at the University of Evry-Val-d'Essonne (University of Paris Saclay) in partnership with the first year of Master Biochemistry and Molecular Biology at Huazhong University of Sciences and Technology. I have studied in a Life Sciences Bachelor's Degree at the University of Rouen Normandy. I aspire to become a researcher in immunology, oncology and associated biotechnology therapeutic approach, this project comes from my wish to help others. I'm serious, organized, and very meticulous in my work and when I handle experiments in practical classes. I have great interest in therapeutic research applied to human health and diseases, in particular cancer and immune disorders. Thus, by undertaking an internship in a research unit in your laboratory, I hope I would be able to learn more about this subject and to sharpen my professional aspirations.

Throughout my syllabus, I had the opportunity to lead group research project, and also manipulate and work in the laboratory, so I possess many scientific skills, like analysis or laboratory gesture which are essential in this area. Lastly, I have worked with Mrs. Malika Lahiani-Skiba and Mr. Mohammed Skiba on a research project during my internship at the Galenic Pharmaceutical Team from the mixed unit UNIROUEN DC2N U1239. Here I had the occasion to work on biodrugs, I tried to optimize progesterone and a derivative of progesterone's therapeutic effects by using cyclodextrins.

Attached, you will find attached my resume which provides further detail of my qualifications. Please feel free to contact me at your earliest convenience. Thank you very much for your time and the consideration of application, and I look forward to discuss this opportunity with you further in the near future.

Yours sincerely,

Cindy QIU

