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To Whom It May Concern:

Hong Jiang is a PhD student in my research group “Developmental Biology and Reproductive Medicine” at the Dept. Physiology and Pharmacology, Karolinska Institute (KI), Stockholm, Sweden. She joined my lab since 2021-10-01 and has greatly contributed to several projects and developed independence. With this letter of recommendation, I would like to strongly support Hong in her application for attending the Hong Kong Laureate Forum.

Particularly, Hong has been working on her doctoral project “Revealing cell type-specific transcriptional signatures of the placenta in disease and its role in fetal programming” and has achieved excellent progress to be presented in a form of flash talk. She is very creative coming up with good ideas to drive the project forward and has developed several computational pipelines for innovative data analyses. Her project has the potential to advance our understanding on the missing key disease mechanisms originated in the placenta to be used to further identify preventive and therapeutic options. She's a special talent, with broad knowledge of mathematics, life sciences and his curiosity even in astronomy and planetary biology. The results from her current projects are very promising, and this opportunity would give her possibility to interact, discuss with distinguished scientists to further develop scientific thinking and the ground-breaking projects. I therefore hope that Hong's application will be considered for this forum, which will greatly benefit her career development as a young researcher and prepare her to be independent in her research. Please do not hesitate to contact me in case of any questions.

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