

Philipp Kaldis, PhD

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Student internship in the laboratory of Dr. Philipp Kaldis, Institute of Molecular and Cell Biology (IMCB), Singapore

Are you interested in cutting edge cancer research and want to experience a different continent? Here is your chance...

We are working on how cells divide and proliferate using mouse knockout models [for review see Satyanarayana, A. and Kaldis, P. (2009) Mammalian cell cycle regulation: several Cdks, numerous cyclins, and diverse compensatory mechanisms. *Oncogene*, 28, 2925-2939]. In our laboratory, you can learn more about cancer, cell division, meiosis, stem cell differentiation. You can also familiarize yourself with mouse genetics, molecular biology, cell biology, and biochemistry methods. We are studying cyclin-dependent kinases and their in vivo functions in the regulation of cell division. Some of our experiments are done in mice and very often we will isolate cells from the mice to study them in cell culture.

Requirements: you need to be motivated and have completed at least a Bachelors degree or even better a Masters degree in life sciences. We expect you to be familiar with some of the basic techniques like PCR, cell culture, or biochemistry.

Duration: 6 months; start date flexible.

Funding: through [SIPGA fellowship](#), which provides you SGD1500 per month. This is enough to cover your living expenses.

Supervision: Dr. Philipp Kaldis - Swiss citizen, studied Biochemistry at ETH Zürich, PhD from ETH Zürich, worked for many years in the USA, since 2007 in Singapore.

Application: send your CV, a letter of motivation, and 2-3 letters of recommendation to kaldis@imcb.a-star.edu.sg