

**Prof Danny Chi Yeu LEUNG**  
**Assistant Professor, Department of Life Science**  
**School of Science**  
**The Hong Kong University of Science and Technology**

## **Biography**

Prof. Danny LEUNG has been an Assistant Professor in the Department of Life Science at The Hong Kong University of Science and Technology (HKUST) since 2015. He received his BSc. in human genetics from University College London and MSc. in human molecular genetics from Imperial College London. He then conducted his PhD research under the supervision of Prof. Matthew Lorincz in the Department of Medical Genetics, University of British Columbia. He then went on to carry out his postdoctoral fellowship research under the supervision of Prof. Bing Ren at the Ludwig Institute for Cancer Research. He was also a fellow of the California Institute for Regenerative Medicine.



Prof Leung's research focuses on understanding the epigenetic control of non-coding DNA sequences in cancer. Using melanoma cells as a model system, Prof Leung's team employs next-generation sequencing based technologies to study cancer specific mechanisms of regulating non-coding parts of the human genome. Furthermore, a platform is being developed to screen for molecules that can be affect such mechanisms. His research has been published in various journals including *Nature*, *PNAS*, etc.

Prof Leung's research shed light on molecular changes that occur in melanoma and provide novel avenues of cancer therapy.

## **Awards and Achievements**

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| 2016      | Croucher Innovation Award  |
| 2016      | Pfizer Inc. Emerging Science Fund  |
| 2016      | Research Grant Council Early Career Scheme   |
| 2015      | HKUST Research Equipment Grant   |
| 2015      | HKUST Initiation Grant   |
| 2012-2014 | California Institute for Regenerative Medicine UCSD<br>Interdisciplinary Stem Cell Training Grant II |
| 2009-2011 | University of British Columbia Four-Year Doctoral Fellowship   |