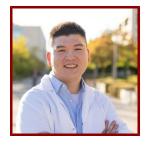
# Stanford



## Aaron Tze Kai Tan

Ph.D. Student in Stem Cell Biology and Regenerative Medicine, admitted Autumn 2019

NIH Biosketch available Online

#### Bio

#### HONORS AND AWARDS

- A\*STAR National Science Scholarship (PhD), Agency for Science, Technology & Research (A\*STAR) (June 2019)
- EMBO/SCSS Conference Travel Award, European Molecular Biology Organization, Singapore Stem Cell Society Singapore (September 2018)
- Development, Regeneration and Stem Cell Biology Honours Class Prize, The University of Edinburgh (November 2017)
- Duke of Edinburgh's International Award, National Youth Achievement Award Council (October 2014)
- A\*STAR National Science Scholarship (BS), Agency for Science, Technology & Research (A\*STAR) (July 2013)
- Academic Award for Outstanding Performance Academic Year 2012/2013, Singapore Polytechnic (April 2013)
- A\*STAR Science Award (Polytechnic), Agency for Science, Technology & Research (A\*STAR) (November 2012)

#### **MEMBERSHIP ORGANIZATIONS**

- International Society for Experimental Hematology (ISEH), Graduate Student Member
- International Society for Cell and Gene Therapy (ISCT), Early Stage Professional Committee
- CamBioScience, Graduate Student Member
- Genetics Society USA, Graduate Student Member
- Royal Society of Biology, Associate Member
- Genetics Society UK, Graduate Student Member
- International Society for Stem Cell Research, Graduate Student Member
- Stem Cell Society Singapore, Graduate Student Member
- Singapore Society for Biochemistry and Molecular Biology, Graduate Student Member
- American Society for Hematology (ASH), Graduate Student Member

#### EDUCATION AND CERTIFICATIONS

- BSc (Hons) 1st Class, The University of Edinburgh, Development, Regeneration, and Stem Cell Biology (2018)
- Diploma (Distinction), Singapore Polytechnic , Biotechnology (2013)

#### LINKS

• My LinkedIn: https://www.linkedin.com/in/aaron-tze-kai-tan-8a2b65102/

### **Publications**

#### PUBLICATIONS

- Secreted Particle Information Transfer (SPIT) A Cellular Platform forIn VivoGenetic Engineering. *bioRxiv : the preprint server for biology* Charlesworth, C. T., Homma, S., Suchy, F., Wang, S., Bhadhury, J., Amaya, A. K., Camarena, J., Zhang, J., Tan, T. K., Igarishi, K., Nakauchi, H. 2024
- Physioxia improves the selectivity of hematopoietic stem cell expansion cultures. *Blood advances* Igarashi, K. J., Kucinski, I., Chan, Y. Y., Tan, T., Khoo, H. M., Kealy, D., Bhadury, J., Hsu, I., Ho, P. Y., Niizuma, K., Hickey, J. W., Nolan, G., Bridge, et al 2023
- Large-Scale Production of Wholly-Cellular Bioinks via the Optimization of Human Induced Pluripotent Stem Cell Aggregate Culture in Automated Bioreactors. Advanced healthcare materials

Ho, D. L., Lee, S., Du, J., Weiss, J. D., Tam, T., Sinha, S., Klinger, D., Devine, S., Hamfeldt, A., Leng, H. T., Herrmann, J. E., He, M., Fradkin, et al 2022: e2201138

- METABOLIC PROFILING OF MOUSE HEMATOPOIETIC STEM CELL SELF-RENEWAL AT SINGLE-CELL RESOLUTION Tan, A., Hartmann, F., Wilkinson, A., Nakauchi, H., Nolan, G. ELSEVIER SCIENCE INC.2022: S145
- Human Finger-Prick Induced Pluripotent Stem Cells Facilitate the Development of Stem Cell Banking STEM CELLS TRANSLATIONAL MEDICINE Tan, H., Toh, C., Ma, D., Yang, B., Liu, T., Lu, J., Wong, C., Tan, T., Li, H., Syn, C., Tan, E., Lim, B., Lim, et al 2014; 3 (5): 586–98