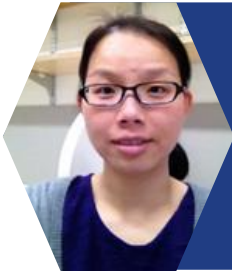


SiGN VIRTUAL SEMINAR



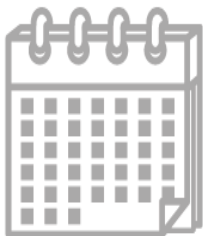
Dr Hsiuyi Chen

Postdoctoral Fellow

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Functional Dissection of Enhancer Repertoire for *GATA3* in Human T Cells

GATA3 is a transcription factor that regulates the differentiation of effector T cells, and yet its gene regulation remains unknown. To determine how *GATA3* expression is regulated by DNA elements, we characterized *GATA3* enhancer hubs in naïve CD4⁺ T cells by a CRISPR tiling deletion screen. The results uncover a *GATA3* primed enhancer that is activated in T helper 2 cells intersects with genetic variants for allergic diseases, indicating dysregulation of *GATA3* expression underlies allergic diseases.



27th August 2021 (Friday)
10AM – 11AM (Singapore Time)
Join Zoom Meeting: [LINK](#)
Meeting ID: 995 1166 3605
Passcode: 952415

*Seminar is
open for all
to attend.*

*Registration
is not
required.*