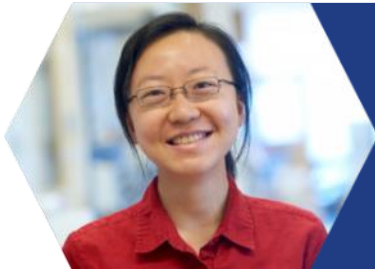


# SiGN VIRTUAL SEMINAR

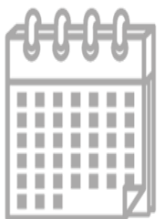


## Simin ZHENG

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## RNA Features In The Regulation Of Immune Cell Function

Beyond sequence information, RNA can also fold into a variety of structures and chemically modified. These RNA features introduce a level of complexity to the regulation of cellular functions that is not well understood, particularly in immune cells. G-quadruplex (G4) is a structure that is abundant in switch RNA produced when the Ig locus of B cells is transcribed, but their function is unclear. Here, we show that G4 in switch RNA plays an important role in antibody class switch recombination.



**8<sup>th</sup> December 2021 (Wednesday)**  
**9 AM – 10 AM (Singapore Time)**

Join Zoom: [LINK](#) or Scan QR Code  
Meeting ID: 923 2447 7201  
Passcode: 580421



*Seminar is  
open for all  
to attend.*

*Registration  
not  
required.*

