





Nozomu is an Associate Professor and Canada Research Chair (Tier 2) in Synthetic Biology in the School of Biomedical Engineering at the University of British Columbia. Yachie's group has focused on the development of "DNA event recording" technologies, by which high-resolution molecular and cellular information of individual cells in a multicellular organism can be progressively stored in cell-embedded synthetic "DNA tapes." Harnessing genome editing, cell engineering, mouse genetics, and high-performance computing, his research team aims to establish "Sense," "Write," "Store," and "Read" technologies for the high-resolution reconstruction of molecular and cellular dynamics in animal development.

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