



香港中文大學  
The Chinese University of Hong Kong

生命科學學院



## AoE/CCDB Zoom Seminar Series 2022



*Prof. Richard D. VIERSTRA*

George and Charmaine Mallinckrodt  
Professor of Biology  
Department of Biology  
Washington University in St. Louis

AAAS Fellow  
Elected Member of NAS

*Talk Title: “Autophagy, the master of selective and bulk recycling”*

**Date: 24 Mar 2022 (Thu), Time: 10:00am-11:00am**

### Selected Publications:

Marshall RS\* and **Vierstra RD\*** (2022) A trio of ubiquitin ligases sequentially drives ubiquitylation and autophagic degradation of dysfunctional yeast proteasomes. *Cell Reports* 38(11):110535.

McLoughlin F, Marshall RS, Ding X, Chatt EC, Kirkpatrick LD, Augustine RC, Li F, Otegui MS and **Vierstra RD\*** (2020) Autophagy plays prominent roles in amino acid, nucleotide, and carbohydrate metabolism during fixed-carbon starvation in maize. *Plant Cell* 32(9):2699-2724.

Marshall RS, Hua Z, Mali S, McLoughlin F and **Vierstra RD\*** (2019) ATG8-binding UIM proteins define a new class of autophagy adaptors and receptors. *Cell* 177(3):766-781.e24.

### Zoom Meeting Link:

<https://cuhk.zoom.us/j/99272948049?pwd=QktkWmhJUlllobE01SzBhTU9sSm50Zz09>

Meeting ID : 992 7294 8049

Password : 707707

*All are Welcome*