

EXPO and Extracellular Vesicles in Plants

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Plant cells contain cell wall. It has been believed that protein secretion in plant cells is achieved via the conventional protein secretion (CPS) of ER (endoplasmic reticulum)-Golgi-TGN (*trans*-Golgi network) pathway. However, recent evidences also suggest the operation of unconventional protein secretion (UPS) pathway in plants, which may involve the extracellular vesicles (EVs). In this presentation, I will summarize and discuss our previous and on-going studies on the EXPO (Exocyst-positive organelle) and EVs in plants. Supported by grants from the Research Grants Council of Hong Kong (C4012-16E, C4002-17G and AoE/M-05/12).