



**TARA**

Life Science Center of  
Tsukuba Advanced Research Alliance

# TARA Seminar

15:00~16:15, Fri. January 27th, 2017

Seminar room, Building A, TARA Center

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産業技術総合研究所 創薬基盤研究部門 細胞グライコム標的技術グループ グループ長

**Glycans and Stem cells: from basic to application**

**糖鎖と幹細胞：基礎から応用まで**

All cells in nature are covered with a dense and complex array of glycans. Cell surface glycans vary at every level of biological organization, and in response to intrinsic and extrinsic stimuli. Therefore, the cellular glycome is often referred to as the “cell signature”. We developed a glycan profiling technology called lectin microarray and analyzed cell surface glycans of various types of stem cells such as human ES cells, iPS cells, and mesenchymal stem cells. In this seminar, I will talk about the basic and application of cell surface glycans of stem cells.

Organizer; Prof. Hiromi Yanagisawa <hkyanagisawa @ara.tsukuba.ac.jp>

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