

[2016]

- Takahashi M., Kizuka Y., Ohtsubo K., Gu J. & Taniguchi N. Disease-associated glycans on cell surface proteins.
Mol. Aspects Med. **51**: 56-70. [PubMed](#)
- Taniguchi N., Takahashi M., Kizuka Y., Kitazume S., Shubaev VV., Ookawara T. & Furuta A. Glycation vs Glycosylation: a tale of two different chemistries and biology in Alzheimer's disease.
Glycoconj. J. **33**: 487-497. [PubMed](#)
- Takahashi M., Hasegawa Y., Gao C., Kuroki Y. & Taniguchi N. N-glycans of growth factor receptors: their role in receptor function and disease implications.
Clin. Sci. **130**: 1781-1792. [PubMed](#)
- Saito A. & McCormack FX. Pulmonary alveolar microlithiasis.
Clinics in Chest Medicine **37**: 441-448. [PubMed](#)

[2015]

- Hasegawa Y., Takahashi M., Ariki S., Asakawa D., Tajiri M., Wada Y., Yamaguchi Y., Nishitani C., Takamiya R., Saito A., Uehara Y., Hashimoto J., Kurimura Y., Takahashi H. & Kuroki Y. Surfactant protein D suppresses lung cancer progression by downregulation of epidermal growth factor signaling.
Oncogene **34**: 838-845. [PubMed](#)
- Saito A., Nikolaidis NM., Amlal H., Uehara Y., Gardner JC., LaSance K., Pitstick LB., Bridges JP., Wikenheiser-Brokamp KA., McGraw DW., Woods JC., Sabbagh Y., Schiavi SC., Altiniski G., Jakopovic M., Inoue Y. & McCormack FX. Modeling pulmonary alveolar microlithiasis by epithelial deletion of the Npt2b sodium phosphate cotransporter reveals putative biomarkers and strategies for treatment.
Sci. Transl. Med **7**: 313 313ra181. [PubMed](#)

[2014]

- Takamiya R., Takahashi M., Uehara Y., Ariki S., Hashimoto J., Hasegawa Y. & Kuroki Y. The single N-glycan deletion mutant of soluble ErbB3 protein attenuates heregulin β -induced tumor progression by blocking of the HIF-1 and Nrf2 pathway.
Biochem. Biophys. Res. Commun. **454**: 364-368. [PubMed](#)

[2013]

- Nakamura T., Shimizu H., Nishitani C. & Yoshioka T. Remarkably delayed occurrence of normal surfactant composition in an extremely preterm infant.
Pediatr. Int. **55**: 790-792. [PubMed](#)
- Miyashita H., Kuroki Y. & Matsushima N. Novel leucine rich repeat domain in proteins from unicellular eukaryotes and bacteria.
Protein Pept. Lett. **21**: 292-305. [PubMed](#)
- Takahashi M., Hasegawa Y., Ikeda Y., Wada Y., Tajiri M., Ariki S., Takamiya R., Nishitani C., Araki M., Yamaguchi Y., Taniguchi N. & Kuroki Y. Suppression of heregulin β signaling by single N-glycan deletion mutant of soluble ErbB3 protein.
J. Biol. Chem. **288**: 32910-32921. [PubMed](#)
- Miyashita H., Kuroki Y., Kretsinger RH. & Matsushima N. Horizontal gene transfer of plant-specific leucine-rich repeats between plants and bacteria.
Natural Sci. **5**: 580-598. [Open access](#)
- Kondo Y., Ikeda K., Tokuda N., Nishitani C., Ohto U., Akashi-Takamura S., Ito Y., Uchikawa M., Kuroki Y., Taguchi R., Miyake K., Zhang Q., Furukawa K. & Furukawa K. TLR4-MD-2 complex is negatively regulated by an endogenous ligand, globotetraosylceramide.
Proc. Natl. Acad. Sci. USA **110**: 4714-4719. [PubMed](#)
- Hayashi N., Chiba H., Kuronuma K., Go S., Hasegawa Y., Takahashi M., Gasa S., Watanabe A., Hasegawa T., Kuroki Y., Inokuchi J. & Takahashi H. Detection of N-glycolylated gangliosides in non-small cell lung cancer using GMR8 monoclonal antibody.
Cancer Sci. **104**: 43-47. [PubMed](#)

[2012]

- Kurimura Y., Nishitani C., Ariki S., Saito A., Hasegawa Y., Takahashi M., Hashimoto J., Takahashi S., Tsukamoto T. & Kuroki Y. Surfactant protein D inhibits adherence of uropathogenic Escherichia coli to the bladder epithelial cells and the bacteria-induced cytotoxicity: A POSSIBLE FUNCTION IN URINARY TRACT.
J. Biol. Chem. **287**: 39578-39588. [PubMed](#)
- Takahashi M., Miyata S., Fujii J., Inai Y., Ueyama S., Araki M., Soga T., Fujinawa R., Nishitani C., Ariki S., Shimizu T., Abe T., Ihara Y., Nishikimi M., Kozutsumi Y., Taniguchi N. & Kuroki Y. In vivo role of aldehyde reductase.
Biochim. Biophys. Acta. **1820**: 1787-1796. [PubMed](#)
- Ariki S., Nishitani C. & Kuroki Y. Diverse functions of pulmonary collectins in host defense of the lung.
J. Biomed. Biotechnol. **2012**: article ID 532071. [PubMed](#)
- Yokota S. I., Amano K. I., Nishitani C., Ariki S., Kuroki Y. & Fujii N. Implication of antigenic conversion of Helicobacter pylori lipopolysaccharides involving interaction with surfactant protein D.
Infect. Immun. **80**: 2956-2962. [PubMed](#)
- Mikami T., Miyashita H., Takatsuka S., Kuroki Y. & Matsushima N. Molecular evolution of vertebrate Toll-like receptors: Evolutionary rate difference between their leucine-rich repeats and their TIR domains.
Gene **503**: 235-243. [PubMed](#)
- Saito A., Ariki S., Sohma H., Nishitani C., Inoue K., Ebata N., Takahashi M., Hasegawa Y., Kuronuma K., Takahashi H. & Kuroki Y. Pulmonary surfactant protein A protects lung epithelium from cytotoxicity of human β -defensin 3.
J. Biol. Chem. **287**: 15034-15043. [PubMed](#)
- Tu Z., Hamalainen-Laanaya H. K., Nishitani C., Kuroki Y., Crispe IN. & Orloff M. S. HCV core and NS3 proteins manipulate human blood-derived dendritic cell development and promote Th 17 differentiation.
Int. Immunol. **24**: 97-106. [PubMed](#)

[2011]

- Ariki S., Kojima T., Gasa S., Saito A., Nishitani C., Takahashi M., Shimizu T., Kurimura Y., Sawada N., Fujii N. & Kuroki Y. Pulmonary collectins play distinct roles in host defense against Mycobacterium avium.
J. Immunol. **187**: 2586-2594. [PubMed](#)