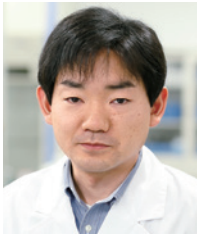
生物化学研究室

STAFF	教授　氏田 稔	准教授　奥村 裕紀
	生物化学 I、生物化学 II 代謝生化学 生化学特論（大学院）	細胞生物学、動物生命科学 タンパク質・遺伝子工学 分子細胞生物学特論（大学院）

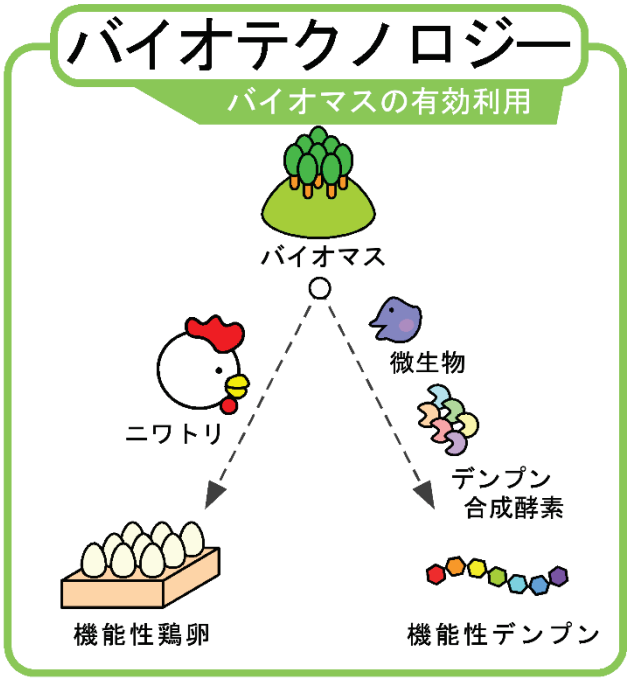


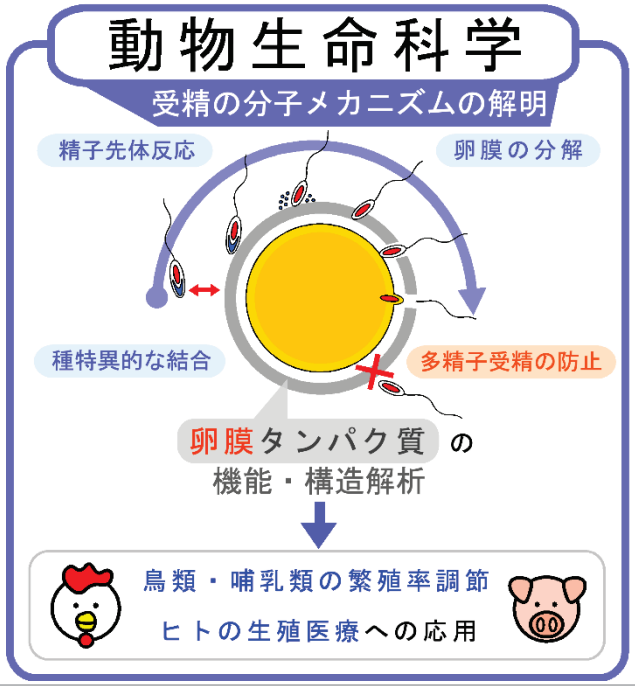
教授　氏田　稔　　准教授　奥村裕紀

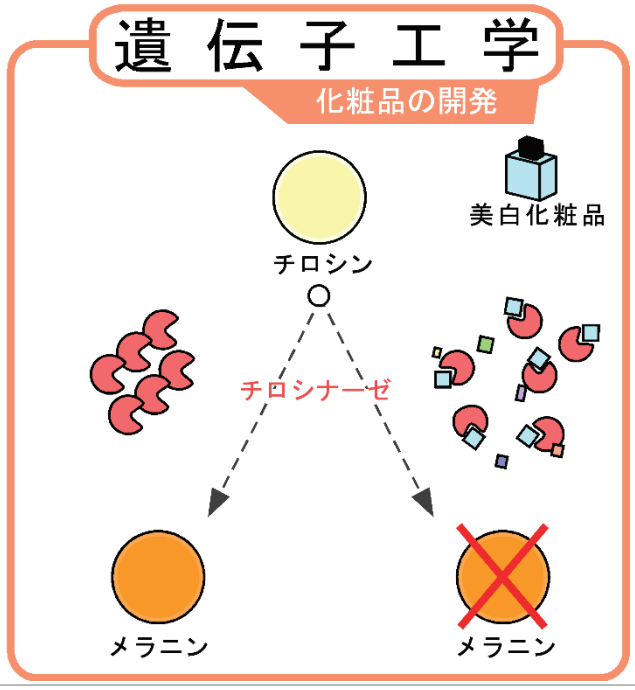
研究テーマ

生命・遺伝子・タンパク質・糖の科学

研究内容







最近の主な論文・著書／
- Okumura, H. et al. (2023) New insights into the role of microheterogeneity of ZP3 during structural maturation of the avian equivalent of mammalian zona pellucida. PLoS One 18(3), e0283087
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- Okumura, H. (2017) Avian Egg and Egg Coat. Adv. Exp. Med. Biol. 1001, 75-90
- Okumura, H. et al. (2015) Identification of distinctive interdomain interactions among ZP-N, ZP-C and other domains of zona pellucida glycoproteins underlying association of chicken egg-coat matrix. FEBS Open Bio 5, 454-465
- Ujita, M. et al. (2014) Functional expression of recombinant human macrophage β-glucan receptor dectin-1 using baculovirus-silkworm expression system. Biosci. Biotechnol. Biochem. 78, 1203-1205
- Okumura, H. et al. (2012) Diverse lectin-binding specificity of four ZP3 glycoprotein isoforms with a discrete isoelectric point in chicken egg coat. Biochem. Biophys. Res. Commun. 424, 586-592
- Ujita, M. et al. (2011) Expression of active and inactive recombinant soluble trehalase using baculovirus-silkworm expression system and their glycan structures. J. Biosci. Bioeng. 111, 22-25
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