

HATANAKA LAB.

[Glyco-Biotechnology and Fluorous Biotechnology]

Department of Materials and Environmental Science

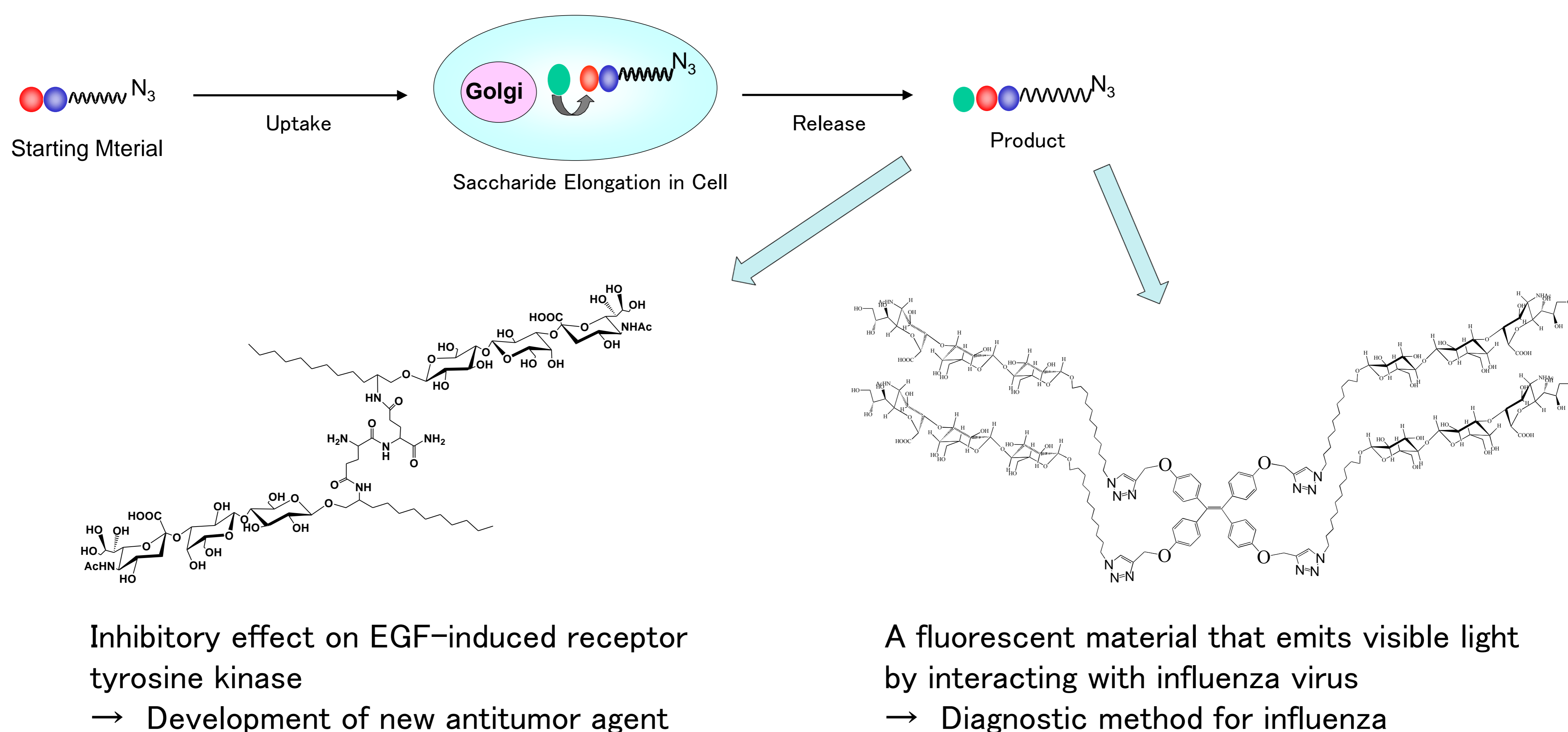
<http://www.chembio.t.u-tokyo.ac.jp/labs/hatanaka.html>

Biomaterial Engineering

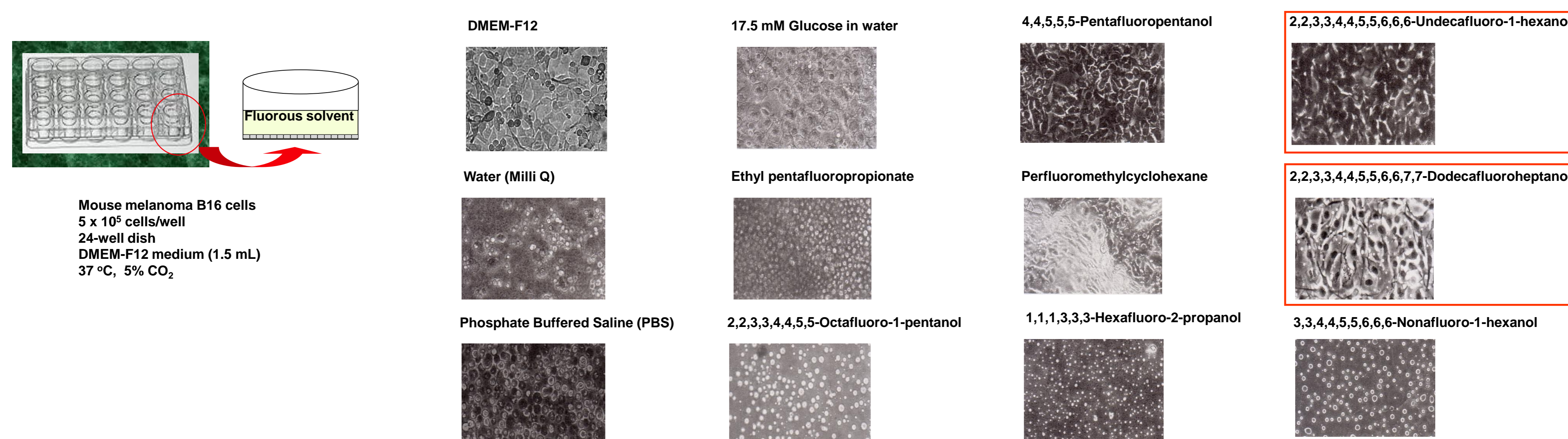
Department of Chemistry
and Biotechnology

Glyco-Biotechnology & Fluorous Biotechnology

◆ Glyco-Biotechnology: Oligosaccharide Production Using Mammalian Cells



◆ Fluorous Biotechnology: Cell Culture in Fluorous Solvents



Fluorous solvents contain high concentration of O₂.
→ Development of new cell culture system