

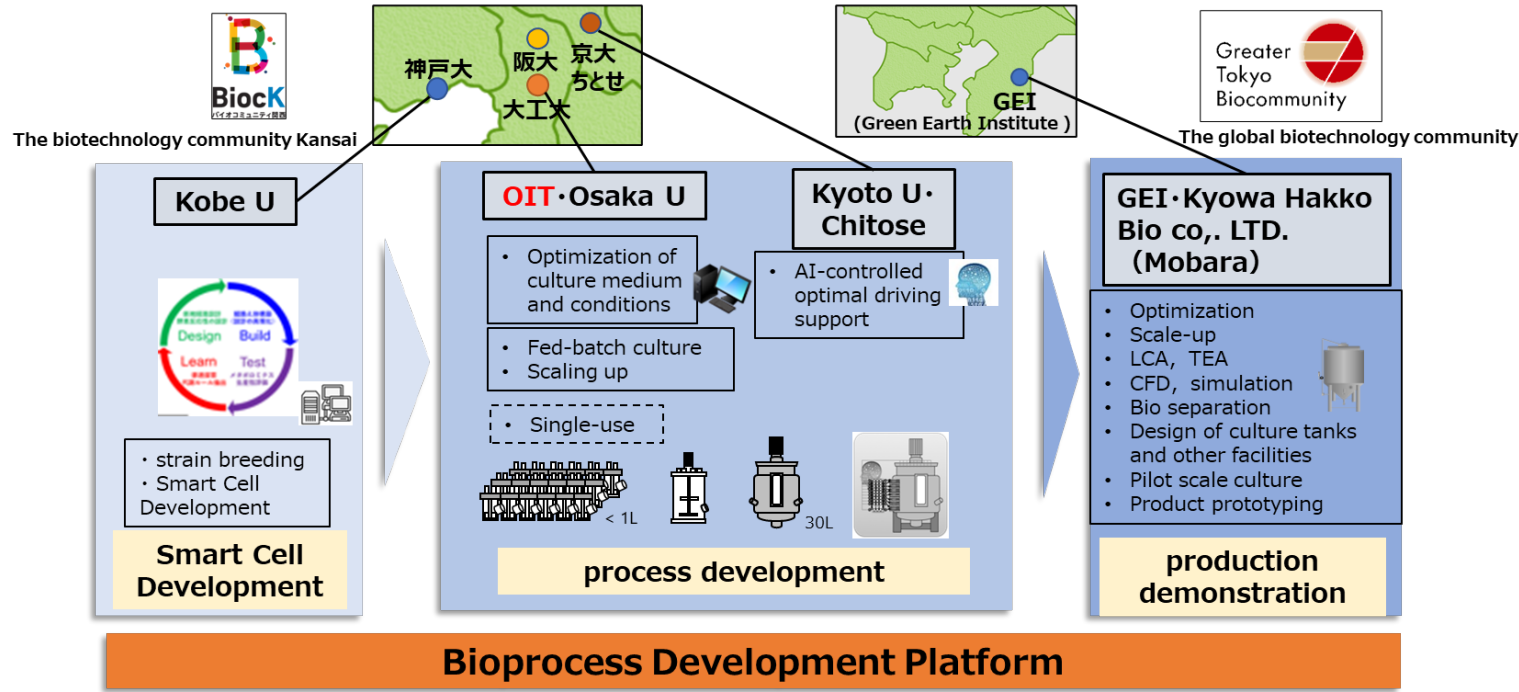


# Human resource development in Industrial Bio-production fields

Leadership organization: Osaka Institute of Technology  
Coordinators: Assoc. Prof. Eiji NAGAMORI (OIT)

Expand the capabilities of the "Osaka Institute of Technology Biotechnology Manufacturing Laboratory," a center for human resource development and trial production support for the bio-industry, and establish a system that can sustainably fulfill its role as the core university (only one in Kansai).

• Establish a biofoundry as a platform for bioprocess development



<http://www.oit.ac.jp/bio/labo/~nagamori/index.html>



<https://www.nedo.go.jp/content/100951572.pdf>

**Subcommittee:** Human resource development in Industrial Bio-production fields

**Social Issues Area:** Supporting trial manufacturing and educating engineers in bioindustry fields

**Content of Efforts:** Bioindustry business

**Leadership organization:** Osaka Institute of Technology (OIT)

- We will accelerate new entries into the biotechnology industry by supporting trial manufacturing and educating engineers with bioreactor series

- To further activate the biotechnology industry, the development of human resources who can organize bioprocesses is an urgent need. We have established educational contents for a practical skill improvement of the industrial bio-engineer.

Osaka Institute of Technology  
Bio-Manufacturing Laboratory



250 mL×24 Batch culture system with autosampler



5 L×4 fed-batch culture system with exhaust gas analyzer and autosampler



1 L×12 fed-batch culture system with autosampler



30 L fed-batch culture system with exhaust gas analyzer and autosampler

