

Transcendent Bacterial Cancer Therapy



Life Science

Commercialization
Promotion Organization

QB Capital LLC

Principal Investigator
JAIST
Professor **MIYAKO, Eijiro**

- Successfully isolated potent antitumour bacteria, named A-gyo, UN-gyo, and AUN, from tumour biopsies
- **AUN composed of *Proteus mirabilis* (A-gyo) and *Rhodopseudomonas palustris* (UN-gyo) expresses high biocompatibility and strong tumour suppression ability**



The image is that AUN composed of *Proteus mirabilis* (A-gyo) and *Rhodopseudomonas palustris* (UN-gyo) are defeating cancer cells by good chemistry.

Safety assessments (hematological and histological) suggest
High Biocompatibility of AUN

Published in top science journal Advanced Science (IF2022=15.1) and press release from JAIST. Highlighted in many national and international media (Nikkan Kogyo Shimbun, Tokyo Shimbun, Hokkoku Shimbun, Yahoo, EurekaAlert, Alpha Galileo, etc.)



Prof. MIYAKO, Eijiro



Antitumour efficacy of AUN

(Tumours are eliminated by a single administration)

【PATENT】

- Relating to cancer diagnosis and treatment technologies using bacteria and near-infrared-light (Entering the national phase)
- Relating to intratumoral bacteria 1 (PCT application filed)
- Relating to intratumoral bacteria 2 (PCT application filed)
- Formulation related technologies (PCT application planned)

Expected establishment date: FY 2027

Target market: Global, Domestic