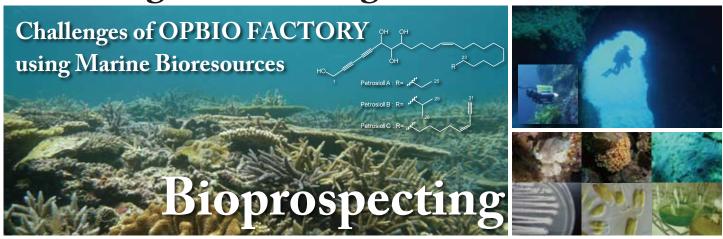
Screening Service using Marine Bioresources



Refined techniques for bioresource sampling accumulated through marine survey

- OP BIO FACTORY was established as a spin-off from a marine survey company, Ocean Planning.
- Sampling is conducted based on the techniques accumulated through marine survey.
- Prompt supply of fresh samples are available.

Distinct and Divergent Marine Bioresources

- 1. Macroorganisms (poriferans, soft corals and other invertebrates; macroalgae)
- 2. Microbes (actinobacteria, bacteria, lactic acid bacteria, filamentous fungi, and yeast)
- 3. Microalgae (eukaryotic microalgae and cyanobacteria)
- 4. Natural compounds derived from marine macro/microorganisms

ON-TIME SCREENIN



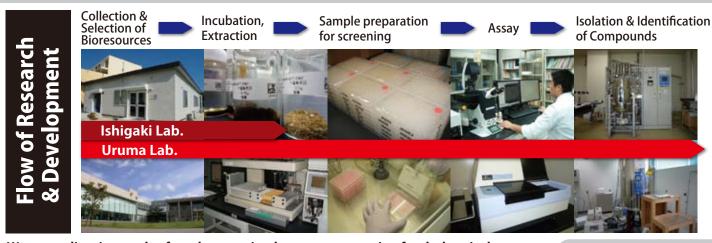
Various assay systems in pharmacy, cosmetic, food, chemical, and environmental areas

In addition to our bioresource libraries, freshly-isolated marine microbes are used for screenings.

- On-time supply of fresh isolation sources
- 10000 to 25000 isolates/day are evaluated by various assays.
- Positive screenings
- Compounds purified from cultures of the strains are rapidly identified using in-house and AIST's databases.

Maximum throughput: 1 million/year

Our refined marine survey techniques realized the high throughput screenings!



We meet client's needs of seed survey in pharmacy, cosmetics, food, chemicals, environment, energy, and other areas (source supply, funded/joint researches).

