

Chemical surprises from an uncultivated bacterial symbiont

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**Venue: South Lecture Room, 1F. Faculty of Pharmaceutical Sciences Bldg.,
the University of Tokyo**



Bacteria produce numerous bioactive natural products that provide rich inspiration for drug discovery, total synthesis, and ecological studies.

However, about 99-99.9% of all bacteria are currently unculturable, and next to nothing is known about the chemical potential of this hidden diversity.

To address this issue, our group studied symbiotic associations between marine sponges and their uncultivated bacterial symbionts using various cultivation-independent techniques.

The talk presents some recent results from these studies.

Organizer: Center for Medical System Innovation through Multidisciplinary Integration,
the University of Tokyo
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Cooperation: Graduate Program for Leaders in Life Innovation (GPLLI), the University of Tokyo
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