

## Bacterial new world at the deep-deeper-deepest drilling sediments

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Our laboratory has been revealed biomineralization in deposition around hydrothermal vent at deep-sea. In this poster we introduce the results of our three study about biominerals at deep-sea. First is hydrothermal change or trace of bacteria at IZU-OGASAWARA arc. Second is bacterial dead body and biominerals in boring core from IZU-BONIN fore-arc basin. Third is bacteria making biominerals around hydrothermal vent at North Iheya Ridge.

We would make use of these experience and propose our approach to new project of the search for crust life.