

Science and Technology Group Annual Report FY2021

Eugene Kroll
Research Scientist

1 Introduction

This is my third year at OIST. I run three projects at two sites and am applying for grants to expand my group at OIST. At OIST I engage in applied research in platform to produce bioactive compounds (funded by POC) and am sending proposals to fund my genomics research. At the affiliated site, I am running my breast cancer program funded by NIH.

2 Activities and Findings

- a. I initiated the POC project at OIST and continued to perform experiments at the affiliated site in the US.
- b. Hired one person and am hiring the other for the POC project
- c. Applied for three programs (KAKENHI, JST and DoD Breast cancer)
- d. Initiated an international collaboration with the University of Montana.
- e. Continue to oversee the experiments at the University of Montana

3 Collaborations

Prof. Leonid Kalachev, U. Montana
Dr. Albert Grobe, Silver Lake Research, Inc
Assoc. Prof. Lesley Ellis, UCSD
Prof. D. Sears, Arizona State U.
Prof. F. Rosenzweig, Georgia Tech

4 Publications and other output

Author list, *Title*, Journal or other reference, volume information (year)

Two manuscripts in preparation, four seminars (two at OIST, two at the University of Montana)