



Our Vision

We are unlocking the mystery of how nature heals by mining and refining the world's most diverse microbial chemistry for the isolation and development of novel medicines. Biosortia directly harvests and mines unculturable microorganisms in-situ to find small molecules and peptides for their drug-like cell to cell signaling to bring high priority unmet needs to IND licensing and build the worlds only library based on these previously inaccessible sources.

The most ambitious, cost-effective discovery effort in history

Our proprietary technology gives us access to the "99%" of natural medicines that were previously hidden in [aquatic environments](#)



Locate

choose site based on biology, genetics and chemistry of opportunities



Collect

~1,000 kilograms of microbiome collected in days – intact and preserved



Mine

evaluate microbiome via extractions, fractions, and high-throughput testing

Areas of expertise

- Site selection
- Scouting
- Harvesting
- Extraction
- Fractionation
- Evaluation
- Library creation
- Screening
- Identifying
- IP creation
- Derivatization
- Preclinical IND
- Synthesis

70,000+ addressable compounds
from each harvest from a distinct
habitat / microbiome

Over the next **3 years**, we expect to
have **50,000 + addressable novel**
cell-to-cell-signaling molecules
represented in our library

High-throughput screening and
analyses of diversity to **discover,**
derivatize and optimize novel
medicines

Diversity and
efficacy from
each location

A bold plan for
library
development

Speed to novel
medicines is
our mission

Capitalizing on our opportunity with a scalable model

