Incorporating Scientific Practices into the BBNJ ILBI

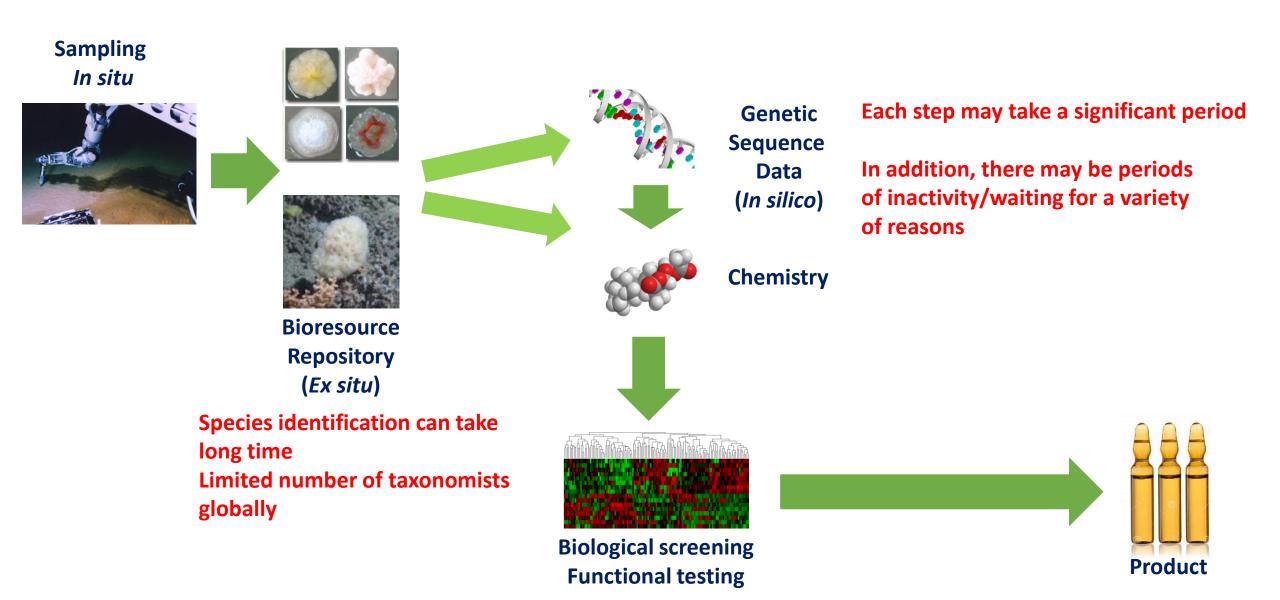
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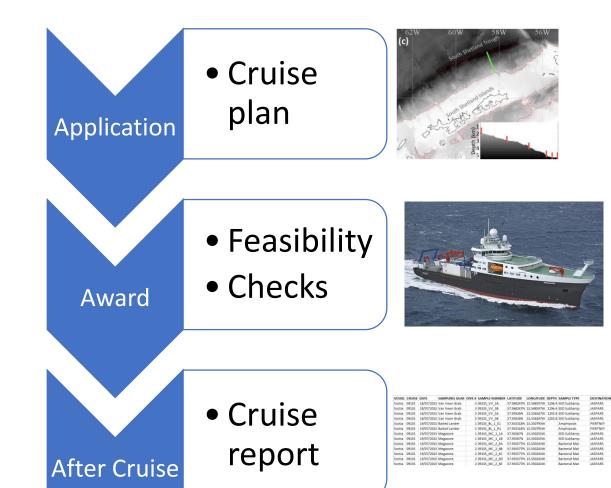
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The Biodiscovery Pipeline



Marine Scientific Research Planning



MSR

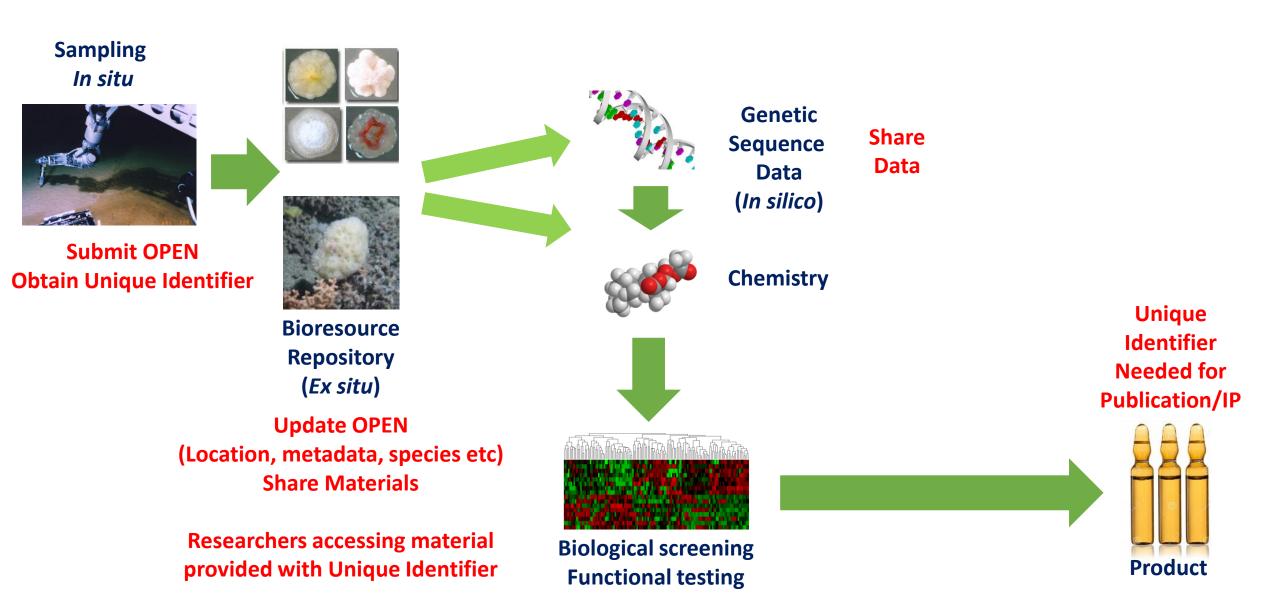
- Most cruises are for basic research
- Freedom of MSR
- File cruise report to funder

How Might Bioprospecting be Accommodated?

- Require updates on cruise report to alert to change of use
- Notify when commercialisation occurs

Opportunity – Global cruise data available in consistent format will benefit scientific community

Obligatory Prior Electronic Notification (OPEN)

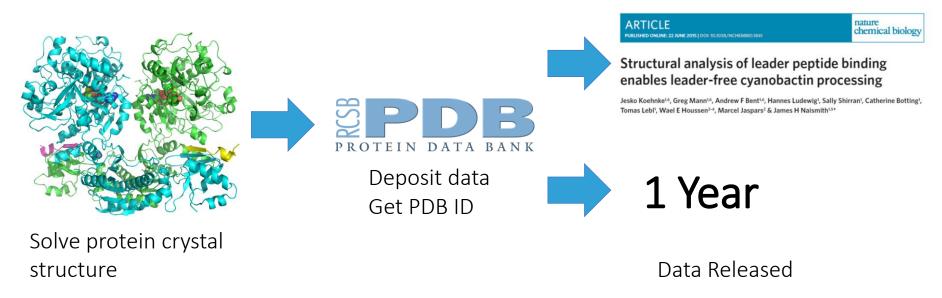


Online Prior Electronic Notification

- Use of cruise plans and cruise reports builds on existing practice.
- Agree on minimal dataset to accompany each sample collected.
- Share materials, but have processes to ensure maximum value is obtained from rare samples.
- Develop unique identifier to work with existing ex situ collection data infrastructure and digital sequence information databases
- Fee-free access to materials and raw data scope to be clarified but initially intended to mean nucleotide sequence data (DNA/RNA sequences).
- Possibility for exclusivity period on samples/data to enable scientific research to be completed, or for commercial research to be protected. Exclusivity period can be granted without fee for defined period, after which payment to central fund must be made.

Exclusivity Periods in Scientific Practice

 Protein Data Bank entries are placed on hold for one year from the date of deposition. They may be released earlier on a date specified by the Contact Author. When the corresponding electronic or paper publication occurs, the entry must be released if the journal policy requires release upon publication.



http://www.rcsb.org/pdb/home/home.do

Current Thinking on Exclusivity Periods for DSI

INSIGHTS

POLICY FORUM

DATA ACCESS

Toward unrestricted use of public genomic data

Publication interests should not limit access to public data

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