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Metabolomic analysis

Torsten Thomas¹¹UNSW*In Development*

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 Torsten Thomas

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These are instructions on how to collect and ship samples for metabolomic analysis

Collection

1. Collect sponges as per your usual approach (i.e. SCUBA) and document via underwater and on-shore photography.
2. Collect at least three different individuals for subsequent analysis, but ideally up to 6.
3. Transfers small pieces (lentil- of finger-tip size) of comparable sections of the sponge individuals into pre-labelled cryo-tubes (1.5- 2 ml). Snap freeze as soon as possible.

Labelling and metadata

4. Add your samples to the following spreadsheet:
https://docs.google.com/spreadsheets/d/12B_sp1i5dvE23PvfBXXcOPI_slINeTzl7m8p0HvUzQY/edit#gid=450198104

5. Add information for the following columns:

- Sample Type
- Subject Identifier (this is your personal numbering of the sponge individual)
- Biological Sex (if known)
- Health Status((this should be "healthy").
- Sample Collection Date and Time
- Country
- Latitude and Longitude
- Depth
- Life Stage
- **UniqueSubjectID (this should match your tube labelling)**

5. The remaining columns you don't have to worry about, but the above-mentioned columns are mandatory. Before sending samples please let Torsten (t.thomas@unsw.edu.au) check your metadata.

Shipment of samples

1. If you are in Europe please send your samples frozen to:

Att: Charlotte Simmler
Station Marine d'Endoume
IMBE UMR 7263
Chemin de la Batterie des Lions
13007 Marseille
France
Phone: 33 612583966

and please email charlotte.simmler@imbe.fr, sacha.molinari@imbe.fr and morgane.mauduit@imbe.fr the tracking number of your shipment. Please also include a hard copy of the sample list, including the metadata into your shipment.

They will be forwarded in a larger batches to Peter Dorrestein's laboratory at the University of California, San Diego, USA.

2. Anywhere else in the world please send the samples directly to:

University of California, San Diego
Michael Meehan
Pharm Sci Bldg Room 4111
835TradeSt., Suite 100
San Diego, CA 92121
USA

Please label the exterior of the package with "Store at -80 upon arrival" in multiple locations.