**Publications Related To These Projects**

Malas, J., Russo, D.C., Bollengier, O., Malaska, M.J., Lopes, R.M.C., Kenig, F., **Meyer-Dombard, D.R**. (2024). Biological functions at high pressure: transcriptome response of Shewanella oneidensis MR-1 to hydrostatic pressure relevant to Titan and other icy ocean worlds. Frontiers in Microbiology, 15:1293928.

**Meyer-Dombard, D.R**., Malas, J., Russo, D.C., Kenig, F. (anticipated fall 2025). “Astrobiology of Titan’s subglacial, high pressure ocean: A review and introduction of a relevant experimental system.” In: *Titan After Cassini Huygens*, (Lopes, Elachi, Mueller-Wodarg, Solomonidou, eds). Elsevier.

**Conference Abstracts [presenter in bold, Meyer-Dombard students underlined]:**

**Contributed Oral Presentations:**

**20] Meyer-Dombard, D.R**., Kenig, F., Malas, J., Russo, D., Kane, W.(2022). High Pressure Astrobiology Research. NASA HBCU/MSI Spring Technology Infusion Road Tour. May 20th 2022**.**

**Contributed Poster Presentations:**

**76]** Kenig, F., Bollengier, O., Meyer-Dombard, D., Russo, D., Malas, J., Malaska, M., Lopes, R. (2022). High Pressure Culturing Chamber for Experimentation at Pressure and Temperature Relevant to Titan’s Ocean and Other Ocean Worlds. AbSciCon, 2022.

**75]** Malas, J., Russo, D., Malaska, M., Kenig, F., Meyer-Dombard, D. (2022). Competition, Recovery, and Habitability under Ocean World Relevant Pressures. AbSciCon, 2022. Abstract # 137-039.

**74]** Russo, D., Malas, J., Meyer-Dombard, D.R., Kenig, F.P.H. (2022). Under Pressure: Impacts of Titan-like Conditions on Lipids of Piezophiles. AbSciCon 2022.

**73]** Russo, D., Malas, J., Kenig, F., Meyer-Dombard, D.R. (2021). Putative Lipidomics of

Titan’s Subsurface Ocean.American Geophysical Union, Fall Meeting, 2021. Abstract # P45D-2461.

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