**Supporting Information**

[**Tuning the Photocurrent Generations from Photosystem I Assembled in Tailored Biotic-Abiotic Interfaces**](https://mrsfall.zerista.com/event/member/428448)

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**Figure. S1.** AFM images showing the surface topographies of SAM/Au substrates treated with PSI-proteoliposomes reconstituted with TX-100. Substrates were treated with different terminal chemistries (a) C4COOH; (b) C4OH and (c) C6OH. (Insets: Height profiles across sections marked in panels a, b and c).

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**Figure. S2.** AFM images showing the surface topographies of SAM/Au substrates treated with PSI-proteoliposomes reconstituted with DDM. Substrates were treated with different terminal chemistries (a) C4COOH; (b) C4OH and (c) C6OH. (Insets: Height profiles across sections marked in panels a, b and c).