

SUPPORTING INFORMATION

Microplastics Affect Energy Balance and Gametogenesis in the Pearl Oyster *Pinctada margaritifera*

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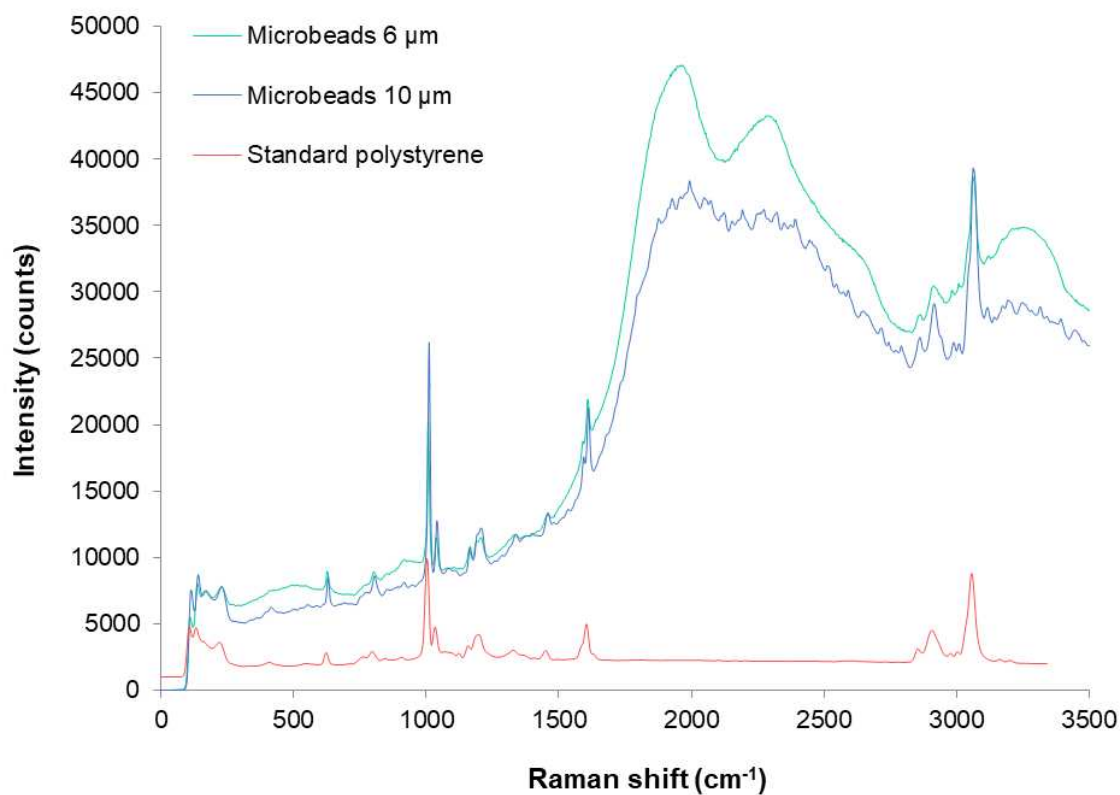


Figure SI.1. Polymer type confirmation by Raman micro-spectroscopy analysis of polystyrene microbeads 6 and 10 μm . The peaks between 1800 and 2800 cm^{-1} for the micro-PS (6 and 10 μm) spectra could be related to the presence of surfactant and/or Milli-Q water in the aqueous suspension. Standard polystyrene is an additive-free reference polymer supplied by GoodFellow Cambridge Ltd (Lille, France).

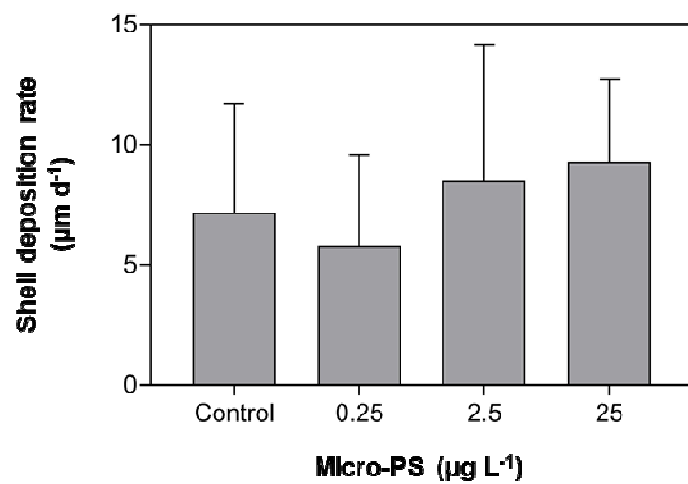


Figure SI.2. Effect of micro-PS on the shell deposition rate (SDR) of *P. margaritifera*. Mean $\pm$ standard deviation (n=10).

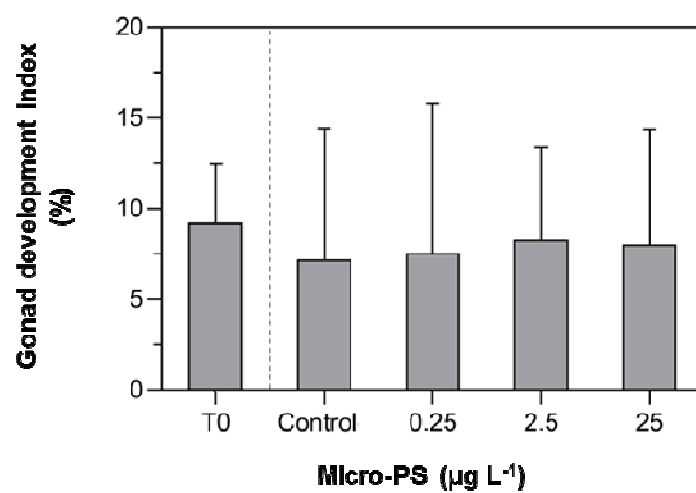


Figure SI.3. Gonad development index (GDI) of *P. margaritifera*. Dotted line: separation of calculated GDI in samples before (T0) and after (control, 0.25, 2.5, 25 $\mu\text{g L}^{-1}$) the micro-PS exposure. Mean $\pm$ standard deviation (n=10).