

Supplementary Material

Antifouling Marine Coatings with a Potentially Safer and Sustainable Synthetic Polyphenolic Derivative

Ana R. Neves^{1,2}, Luciana C. Gomes^{3,4}, Sara I. Faria^{3,4}, João Sousa², Raquel Ruivo², Inês Páscoa², Madalena Pinto^{1,2}, Emília Sousa^{1,2}, Miguel M. Santos^{2,5}, Elisabete R. Silva^{6,7,*}, Marta Correia-da-Silva^{1,2,*}, Filipe Mergulhão^{3,4}

¹ Laboratory of Organic and Pharmaceutical Chemistry, Faculty of Pharmacy, University of Porto, Rua Jorge de Viterbo Ferreira 228, 4050-313 Porto, Portugal.

² Interdisciplinary Centre of Marine and Environmental Research (CIIMAR), University of Porto, Novo Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos, s/n, 4450-208 Matosinhos, Portugal

³ LEPABE—Laboratory for Process Engineering, Environment, Biotechnology and Energy, Faculty of Engineering, University of Porto, Rua Dr. Roberto Frias, 4200-465 Porto, Portugal.

⁴ ALICE - Associate Laboratory in Chemical Engineering, Faculty of Engineering, University of Porto, Rua Dr. Roberto Frias, 4200-465 Porto, Portugal.

⁵ FCUP—Faculty of Sciences, University of Porto, Department of Biology, Porto, Portugal.

⁶ BioISI—Biosystems & Integrative Sciences Institute, Faculty of Sciences, University of Lisboa, Campo Grande, 1749-016 Lisboa, Portugal.

⁷ Departamento de Química e Bioquímica, Faculdade de Ciências, Universidade de Lisboa, Campo Grande, 1749-016 Lisboa, Portugal.

* Correspondence: ersilva@fc.ul.pt (coatings); m_correiadasilva@ff.up.pt (polyphenolic derivative)

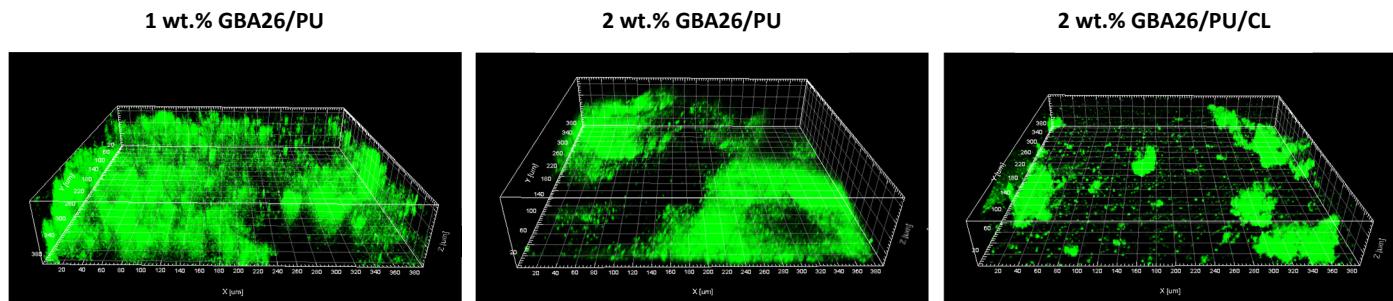


Figure S1. Isosurface rendered 3D visualizations of *Pseudoalteromonas tunicata* biofilms formed on a surface protected with 1 wt.% GBA26/PU coating, a surface treated with 2 wt.% GBA26/PU coating, and a surface treated with 2 wt.% GBA26/PU/CL coating after 49 days. These images were obtained from the same confocal stacks used to create Figure 3 using the “Surpass” function of IMARIS software. Each square of the 3D grid corresponds to $20 \times 20 \mu\text{m}$.