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3D scaffolds for stem cell culture from marine biomaterials

A research team from the School of Materials, The University of Manchester, has been awarded funds to initiate a collaboration with the marine biotechnology company GlycoMar. The joint project will develop 3D environments for the culture and differentiation of stem cells using biomaterials sourced from marine organisms, with practical applications in cell/tissue engineering and in drug screening. The relationship with GlycoMar, established for this project, will help to ensure that the materials being developed are sourced and purified with a view to larger scale application of the technology in the future. The University of Manchester team are very excited about this new venture and hope this will also lead to future collaborative projects on products/materials of joint interest. The project is funded by an EPSRC KTA concept and feasibility grant designed to foster the translation of basic research from University labs into industry.

For more information about the stem cell glycobiology group visit

<http://www.merrylab.co.uk/>

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