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let's be inspired!*

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## QUORUM SENSING: FROM NATURE A MODEL FOR INDUSTRIAL BIOTECHNOLOGIES

The Group of Molecular and Environmental Biotechnologies of the **Department of Organic Chemistry and Biochemistry** of the University Federico II, led by Prof. Giovanni Sannia, co-ordinates the "*Quorum*" project, financed by the European Commission within the 6<sup>th</sup> Framework Programme and with a partnership made up of seven European Universities: University of Westminster, London (**UK**), Institute of Chemical Technology, Prague (**CZ**), Centre National de la Recherche Scientifique, Marseille (**FR**), University of Pecs, Pecs (**HU**), University of Turku, Turku (**FI**), Université catholique de Louvain, Louvain-la-Neuve (**BE**) and a Belgian firm which is a leader in the biotechnologies sector: Wetlands engineering, Louvain-la-Neuve (BE).

**The Quorum Sensing Project** is designed to:

- develop nanotechnologies using natural molecules involved in fungal cell communication;
- optimize process parameters to improve the productivity of commercially important bioproducts on a macro industrial-scale.

From 14<sup>th</sup> to 16<sup>th</sup> May, project *partners* will meet in Prague to discuss, in the presence of the European "Officers", the results obtained and present the industrial applications the research uncovered

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