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In Granada, 11 February 2015

### **RELEVANT FACT OF NEURON BIO, S.A.**

Dear Sirs,

In compliance with the provisions of the MAB circular 9/2010 on information to be provided by the companies in expansion integrated in the MAB the company Neol Bio a subsidiary from Neuron Bio, hereby informs that it has submitted a new patent application at the Spanish Patents and Trademarks Office (OEPM).

The patent application protects a new method for the production of fatty alcohols in the use of genetically improved variants of its microorganism Neoleum®. The biotechnological method developed by Neol, which uses residual feedstock not competing with human nutrition, consumes less energy, is more efficient and produces fewer pollutants. Fatty alcohols are a key ingredient in the oleochemical sector and are present in detergents, cosmetic and pharmaceutical products. Currently the market of fatty alcohols amounting to yearly 5,500 million \$ is dominated by Asian companies that produce these compounds from vegetable oils and using chemical methods. The achieved production levels at the laboratory are higher than all described to date in patents and publications by research groups and international biotech companies.

This new patent from Neol has been possible thanks to the research initiated in 2013 with the genome sequencing of the microorganism Neoleum® and the internal development of genetic engineering tools in order to modify its metabolism. All this open the way to new sustainable production processes of oleochemical products.

We remain at your disposal for any clarification you consider appropriate.

Kind regards,

Fernando Valdivieso Amate  
Chairman of the Board of Directors

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**Press release**

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**A NEW PRODUCTION METHOD OF A KEY INGREDIENT IN THE OLECHEMICAL INDUSTRY**

- **It achieves the highest production level known to date.**

Granada, 11 February 2015. **Neol Bio**, a subsidiary of Neuron Bio has submitted a new patent application for a new method of fatty alcohols production in the use of genetically improved variants of its microorganism *Neoleum*<sup>®</sup>.

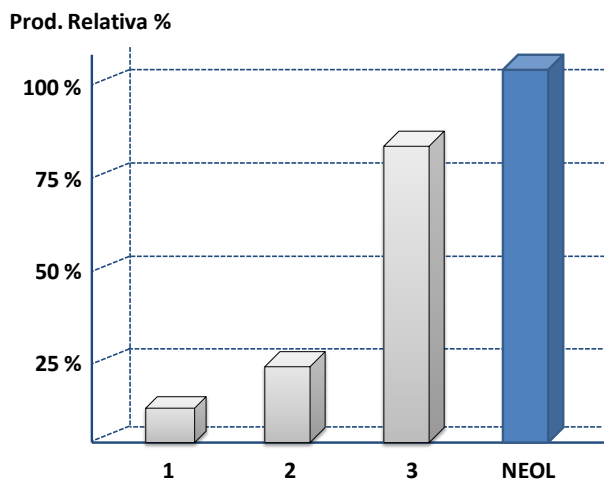
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The achieved production levels at the laboratory are higher than all described to date in patents and publications by research groups and international biotech companies (see graph).

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## Graph



1. Runguphan,W., and Keasling, J. D. (2014). Univ. California, Berkeley, US
2. Zhen et al (2012). Chinese Academy of Sciences, China
3. Liu et al (2013). Chinese Academy of Sciences, China
4. Patente Neol (2015), España

## NOTE FOR EDITORS

### About Neol

Neol is a company 100% owned by Neuron Bio, dedicated to the development of innovative processes within the microbial industrial biotechnology for its application in oleochemical, bioenergy and biopolymer sectors.

Due to the use of advanced techniques in molecular biology, industrial microbiology and bioprocess engineering, Neol makes bioprocesses economically viable thus reducing the use of chemical contaminants and assessing agricultural and industrial waste.

Neol has a team of over 30 high qualified professionals and with renowned prestige in the sector such as microbiologists, molecular biologists, experts in analytical chemistry and bioprocesses engineers.

Neol has cutting-edge facilities, laboratories and equipment in the industrial biotechnology field, including an own pilot plant for demonstration of the developed processes.