MEMORANDUM OF UNDERSTANDING

between

the University of Córdoba, Spain

and

the Company Gesellschaft für Analytische Sensorsysteme mbH

on

Research and Academic Collaboration

PREAMBLE

To promote the advancement of international understanding, academic excellence, dissemination of learning and strengthening cultural ties, the Company Gesellschaft für Analytische Sensorsysteme mbH (G.A.S.) and the University of Córdoba, especially the Doctorate Programme on Fine Chemistry attached to the International Doctorate School of the Agrifood Campus of International Excellence (CEIA3) agree to pursue collaboration on academic and research related activities based on the principle of reciprocity.

The University of Córdoba (UCO) and the Company Gesellschaft für Analytische Sensorsysteme mbH (G.A.S.) agree as follow:

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Both institutions are interested in collaborate in research and PhD activities in the areas of analytical chemistry and instrumental applications development.

§2

The parties focus their cooperation on the following objectives:

- Exchange of staff and students for research and PhD activities for limited periods of time in compliance with the clauses in force in the two Countries and with the Universities internal regulations in a joint effort to overcome possible administrative and procedural differences
- Mutually recognition of academic achievements and credits
- Joint supervision of PhD thesis
- Joint organization of research and training activities
- Exchange of academic information and materials
- Development and implementation of joint research programs in the above mentioned areas
- Development of common research proposals in European Union and international calls
- Joint organization of conferences, workshops and summer schools
- Establishment of a network of partners involving institutions and private sectors companies related to instrument development and applications

§3

The development and implementation of each exchange/activity based on this agreement shall be separately discussed and determined by both institutions and when signed by both parties will form appendices to this agreement. Both institutions will use their best efforts to find financial sources for carrying out the activities.

§4

Nothing in this Memorandum shall diminish the full autonomy of either institution, or impose constraints on either party in carrying out the agreement.

In the first instance, Mr. Thomas Wortelmann shall be the representative of G.A.S. and Prof. Dr. Valcárcel shall be the representative for UCO to realize this agreement.

For Gesellschaft für analytische

Sensorsysteme mbH, Germany

3.A.S. Gesellschaft für analytische Sensorsysteme mbH BioMedizinZentrumDortmund

Otto-Hann-Straße-15 94227 Dortmond

Mr. Thomas Wortelmann

Managing Director

Date: 10.11, 2011

For the University of Córdoba

SPAIN (PESTUDIOS DE POSTORADO

José Carlos Gamez Villamandos

Prof.

Rector

Date: [0] [0]