

# **IOTA NanoSolutions Limited appoints Technical Programme Director and Laboratory Director**



1st January 2007

The Board of IOTA NanoSolutions Limited is pleased to announce the appointments of Dr. Dave Duncalf to the position of Technical Programme Director and Dr. Alison Foster to the position of Laboratory Director.

Prior to joining IOTA NanoSolutions, Dave was a Scientist in Unilever's Oral Care Group which he joined in 2001. In 2003, he moved to the Physical Sciences Group where he focused on the development of the IOTA NanoSolutions technology internally within Unilever. Previously, Dave worked at Zeneca in Blackley for 4 years where he was the Leader of the Complex Analysis Team within Zeneca Specialties Business Groups. Here he worked across a number of different areas and sectors including biocides, polymers, polymer additives, dyes, inkjets, pigments, pharmaceuticals and agrochemicals. Dave obtained his first degree in Chemistry and his D.Phil in Low Valent Lanthanide Complexes from the University of Sussex. He also gained considerable post doctoral experience at the University of Warwick where he pioneered the development of ATRP controlled polymerisation with Prof. Dave Haddleton. Dave also worked for a period of time at the Ministry of Defence as an analyst. He is co-author of >30 papers and is co-inventor on >10 published patents.

Alison was also involved in the original Unilever/Liverpool collaboration that led to the formation of IOTA NanoSolutions Limited, developing the technology for use within the Unilever HPC Business. Previous to working on the IOTA NanoSolutions technology, Alison worked on numerous projects as part of the Molecular Science Unit and later the Physical Sciences Group which included polymer chemistry, synthetic organic chemistry, mechanistic, HTE, sensory molecules and colloid chemistry. Before joining Unilever in 1998, Alison gained post doctoral medicinal chemistry experience at the University of Manchester, School of Pharmacy and Pharmaceutical Sciences, working predominantly with anti-cancer drugs. She gained her BSc in Chemistry (1994) and Ph.D. (1997) from the University of Birmingham in the area of fluorinated dyes as part of a joint collaboration with Courtaulds. Alison has also held positions at Rhodia, working on phosphorus flame-retardants, and at the University of Birmingham working on chiral ligands. She is co-author on 4 papers and >10 published patents and has been awarded a number of prizes including two university scholarships and the Bader Prize in Fluorine Chemistry.

CEO of IOTA NanoSolutions, Andrew Elphick commented, "I am absolutely delighted that Alison and Dave have chosen to move on from their respective roles in Unilever and join IOTA NanoSolutions. As co-founders of the company and leading developers of our technology platforms, they both bring an enormous wealth of knowledge and experience to the company. They are taking up important positions within the executive team and will, I am sure, be instrumental in shaping the future success of IOTA NanoSolutions."

--ENDS--

For further information contact:

IOTA NanoSolutions Limited

MerseyBIO

Crown Street

Liverpool

L69 7ZB

UK

Tel: +44 (0)151 795 4219

Fax: +44 (0)151 795 4173

[info@iotanano.com](mailto:info@iotanano.com)

[www.iotanano.com](http://www.iotanano.com)

#### **About IOTA NanoSolutions Limited**

IOTA NanoSolutions Limited was established as a spin-out from Unilever in 2005 to develop and commercialise a number of processes and formulation "know-how" in the field of nanotechnology.

The company has developed a nanodispersion formation technology which can be applied on a large scale to a wide array of insoluble and poorly soluble organic materials. The nanodispersions, containing small particles of material (typically 10 – 500nm) scattered evenly throughout the liquid often exhibit the characteristics of a solution enabling the effective delivery and formulation of poorly soluble ingredients. The approach is generic, with over 200 organic materials already successfully dispersed without the need for chemical modification. The IOTA NanoSolutions platforms may be used in any industry sector where poor solubility poses formulation constraints and impairs the performance of product ingredients.

IOTA NanoSolutions' IP portfolio currently includes more than 10 patent filings with further patent applications under development. The company has completed its base research and has an active pipeline of development partners. IOTA NanoSolutions has already concluded a number of Feasibility and Joint Development contracts.

Although funded and majority owned by Unilever Ventures, IOTA NanoSolutions Limited is operating as an independent business.

IOTA NanoSolutions was the first ever recipient of the Northwest Regional Development Agency's "Science and Technology Business of the Year" Award at the Liverpool Daily Post's Regional Business Awards 2007 and was also the winner of the Merseyside Innovation Award 2007.

IOTA NanoSolutions is the trading name of IOTA NanoSolutions Limited.

IOTA NanoSolutions<sup>®</sup> is the registered trademark of IOTA NanoSolutions Limited in the European Community, number E4660452.