



**BIOMIN CO-FOUNDER AND TEAM PRESENTING
AT IADR SAN FRANCISCO**

AVAILABLE FOR MEETINGS, 22-25 MARCH 2017

If visiting IADR in San Francisco (22-25 March) then BioMin Technologies Limited co-founder Professor Robert Hill and his team will be both attending and presenting.

Professor Hill, from the Dental Institute at Queen Mary University of London, co-founded BioMin Technologies in 2014. He is currently Director of Research at the company, which was established to commercialise research on Fluoride containing bioactive glasses, which can be used to reduce tooth sensitivity, help replace lost mineral from tooth surfaces and protect against tooth decay.

Professor Hill and his team also recently released the first data on smart repair of tooth decay, by replacing the inert glass used in conventional composites with high Phosphate Fluoride containing glasses.

These new composites release Calcium Phosphate and Fluoride ions. They remineralise hard carious lesions and form Fluorapatite in the marginal gaps prolonging the life of composite fillings and reducing the need for mercury based amalgams.

They are also potentially very good when used in orthodontic cements for preventing white spot lesions.

“I am delighted to be presenting at IADR along with around ten other members of my team, says Professor Hill. “This demonstrates the high level of expertise we have and the commitment to improve the knowledge, understanding and the delivery of benefits of fluoride containing bioactive glass materials.”

“I would be very happy to meet with others attending the event and I can be reached via the Queen Mary exhibition stand where more information and samples of BioMin™ F toothpaste will be available.”

The Table below lists the presentations on bioactive glasses from the Dental Institute at Queen Mary

Presenter	Abstract No.	Title	Venue	Time
Thaer Al-Khafaji	0388	Novel Fluoride and Strontium-Containing Bioactive Glasses for	CC Room 2011	4:00–4:15 pm 22 March



		Orthodontic Dental Varnishes		
Ferranti Wong	1122	Characterisation of a Novel Bioactive Composite	CC Room 2018	2.45-3pm 23 March
Robert Hill	1252	Bioactive Glass Composites	CC First Floor	3.45-5pm 23 March
Luiza Dias da Cruz	1256	Dentine Tubule Occlusion by Novel Bioactive Glass Based Toothpastes	CC First Floor	3.45-5pm 23 March
Jie Liu	2570	The Cytotoxicity and Osteogenic Potential of Bio-glass BioMin™ F	CC First Floor	3.45-5pm 24 March
Mangala Patel	3105	A Novel Bioactive Glass for Remineralization of White Spot Lesions	CC First Floor	11-12.15pm 25 March
Xiaojing Chen	3106	BioMin™ C - A Smart Fluoride-free Remineralising and Desensitising Toothpaste	CC First Floor	11-12.15pm 25 March
Khalil Alghamdi	3107	BioMin™ can Remineralize White Spot Lesions Surrounding Orthodontic Brackets	CC First Floor	11-12.15pm 25 March

BioMin Technologies Limited has developed rapidly since the launch in London last April. Toothpastes with the BioMin™ ingredient have started to sell in the UK and across a number of other countries. Licensing agreements are being negotiated and currently in place in India, China, the US and Australia, and the company is seeing interest from dental professionals, dental manufacturers and dental distributors from around the world.

Notes

Professor Robert Hill is currently the Chair of Physical Sciences in the Dental Institute at Queen Mary University of London. Professor Hill was formerly Professor of Biomaterials at Imperial College and is an expert on bioactive glass and apatite chemistry. He developed a cement (Serenocem) for sticking Cochlear implants in place and repairing the ossicular chain.

This cement, which is produced by Corinthian, has gained FDA approval and is distributed worldwide.



Professor Hill was part of the Materials Group at LGC that won the Queens Award for Technological Achievement in 1984 and in 2013 he received the Alan Wilson Award for Dental Materials

BioMin Technologies Limited

BioMin Technologies Ltd was established in 2014 to commercialise research conducted over the past decade at Queen Mary University London and Imperial College, London, to develop bioactive glass materials to reduce tooth sensitivity, help replace lost mineral from tooth surfaces and protect against tooth decay.

The company received the 2013 Worshipful Company Armourers and Brasiers' Venture Prize for innovation. BioMin's technology is based on two key patent applications: the first is on fluoride containing bioactive glasses and the second is on chloride containing bioactive glasses. BioMin™ based toothpaste is currently available in the UK and across other European countries including Germany as well as in India and Australia and New Zealand