Prof. CHRISTINA DOYLE, PhD. FIOM. CEng.

An expert in US and European commercial and academic medical technology, with key leadership experience in implantable devices and instruments. Legal expert providing opinion regarding medical device failure, device usage, manufacturing and patent issues. World-wide academic reputation based on over 20 years published work. Demonstrable results in management, technology transfer and new business development; extensive experience of strategic marketing & investment appraisal and technology management at board level.

CAREER

2006-	Non Executive Director, Tissue Regenix Ltd
2005- 7	Non Executive Director, Bone Support se
2001-	Founder & Director. Xeno Medical Ltd.
2001-3	Business Development, BTG plc, Medical Devices
1999-	Professor, University of Exeter & University of Surrey (since 2004)
1998 – 2000	Vice-President, Applied Research International, Stryker-Howmedica Inc
1990-1998	Director, Research & Development International, Howmedica, Pfizer Inc.
1982 – 1990	Lecturer, University of London, Queen Mary College, (Materials)
1980 – 1982	Research Manager, Turner & Newall plc
1979 – 1980	Post-doctoral, Assistant Director, University of Utah, Artificial Heart & Surface Science Laboratory.

QUALIFICATIONS

1994	M.B.A, Open University
1980	Ph.D, 'Interaction of lymphocytes with implantable biomaterials'
1976	M.Sc, Biomedical Engineering, University of Surrey
1975	B.Sc, Materials Science, University of Surrey

PROFESSIONAL MEMBERSHIPS & OTHER RELEVANT ACTIVITIES

Fellow of Institute of Materials (Executive Council Member 1992–1996), Chartered Engineer, European Engineer, Fellow of Biological Engineering Society, Member Orthopaedic Research Society (USA), Member European Society of Biomaterials, US Soc Biomaterials, UK Biomaterials Network, Research Council (EPSRC) Strategic User Panel (UP) member, DTI MedLINK Programme Management (medical technology). Advisor to UK government DTI on medical technology & bio-nanotechnology programmes

SKILLS

- Deep and broad knowledge-base of global medical device business (orthopaedics, spine, dental, drug-delivery, wound care, cardiovascular, urology, tissue engineering, nanotechnology).
- Preparation of clear and informed expert reports for medical device cases
- Preparation/implementation of business plans to facilitate investment decisions
- Ability to identify and source early-stage technologies with commercial potential
- Realising commercial success from innovative concepts and research
- Small company management
- Outstanding communicator, both oral and written

- Combined technical and commercial experience

ACHIEVEMENTS

Medical Devices and Biomaterials

- Gained several regulatory approvals in EU
- Independent expert for cases regarding such issues as materials failure, device failure, tampering and surgeon error in UK, USA and Australia
- Successfully bringing innovations through the technology transfer cycle. These have included osteobiologics, dental cement, ceramic bearing, polymer-composite cups, spinal disc, hip fracture device, urinary catheter.
- Initiated & led the technical marketing/sales effort that led to sales of over >$50 million in 6 years (1995-2000)
- Represented UK in bio-nanotechnology overseas missions
- Applied combined knowledge of engineering, clinical practice, development and marketing.

Management

- Entrepreneurial; founding Director of several small UK companies.
- Built the European technical research base for a global market leader in orthopaedics
- Prepared and executed commercial business plans for small/medium enterprises operating in the medical device sector
- Strategic technology management at Board level
- General management of international teams in several major corporations

Communication

- Research and teaching of biomaterials leading to national and international academic status
- Negotiation and agreement for inward or outward investment)
- Successful as both team player and group leader
- Successful technical-marketing effort for innovative products.
- Extensive, high level network in academic and technology transfer circles
- Managing Editor of the journal 'Clinical Materials' 1984-1992;over 60 peer review papers and book chapters published (list available on request)
- Wrote and presented technology programmes for the BBC