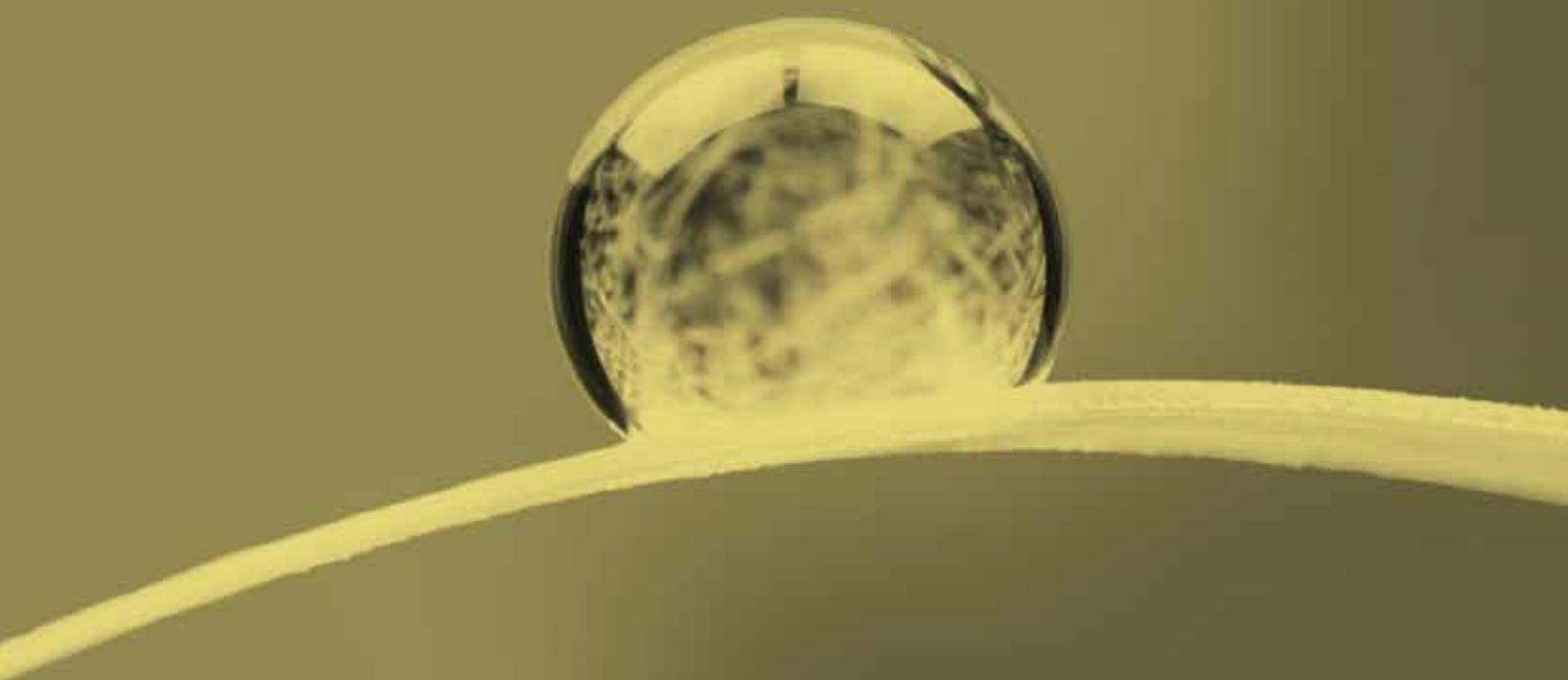


Patent Group - Life Sciences and Biotechnology



Life Sciences & Biotechnology



Hanna Dzieglewska

Partner and Head of Group
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Education

BSc Hons (First Class), Imperial College,
Biochemistry, 1984
PhD, University of Kent, Biochemistry, 1987

Professional Qualifications

UK Chartered Patent Attorney, 1991
European Patent Attorney, 1992
Registered Trade Mark Agent, 1991

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Hanna Dzieglewska joined the firm in 1987 and became a partner in 1995. After completing her biochemistry degree specialising in neurochemistry, Hanna went on to obtain a PhD in Biochemistry, focusing primarily on enzymology, protein purification, and microbial physiology. Since joining the firm, Hanna has worked in many technical areas of biochemistry/biotechnology including immunology, diagnostic assays, antibodies, recombinant protein expression, transgenic plants and animals, vaccines, biological purifications and separations, nucleic acid manipulations and assays (including isolation, sequencing, amplification, detection, genomic and expression analysis etc), cells (e.g. cell culture, isolation, manipulation, assays etc) and also in related areas such as medical uses, peptide and other therapeutics, etc.

Hanna's clients include small- to medium-sized companies or sole inventors, as well as larger companies. Her work includes all aspects of patent portfolio management and development including evaluating inventions for patentability, drafting patent specifications, patent prosecution, including EPO and foreign patent prosecution, and opposition work at the EPO. Hanna's work also includes advising clients in a number of areas including patent filing strategies, freedom to operate, evaluating patent portfolios and due diligence.



Elizabeth Jones

Managing Partner
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Education

BSc, University of Cape Town, Chemistry/Biochemistry
(distinction in Chemistry), 1985
BSc Hons, University of Cape Town, Biochemistry, 1986
MSc, University of Cape Town, Crystallographic
determination of cholic acid:alcohol structures", (awarded
with distinction), 1989
PhD, Open University, "Cell signalling pathways of
IL-1 and TNF", 1993

Professional Qualifications

UK Chartered Patent Attorney, 1997
European Patent Attorney, 1997
Certificate in IP Law, University of London, 1994

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Elizabeth joined the firm in 1993 and became a partner in 2001. Elizabeth has broad experience in the general fields of biochemistry and biotechnology, including genomics, proteomics, immunology, virology and microbiology, particularly in relation to molecular biology based inventions (such as recombinant products, transgenic plants and animals, genomic therapeutics and diagnostics), screening methods, purification protocols, diagnostic assays and therapeutic and prophylactic inventions.

Elizabeth's clients include both sole inventors and small companies as well as large well known companies. She provides a range of services including patentability assessments, drafting, filing and prosecuting patent applications, defending and opposing granted patents and providing advice on aspects such as due diligence, infringement, validity and freedom to practice.



Rebecca Gardner

Partner

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Education

BSc Hons, University of Bristol, Biochemistry including options in Molecular Genetics and Physiology, 1993

Professional Qualifications

European Patent Attorney, 1998

UK Chartered Patent Attorney, 1999

Certificate in IP Law, University of London

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

AIPPI

Director of PAMIA

Professional Experience

Rebecca Gardner joined the firm in 1994 and became a Partner in 2002. Her practice is focused on portfolio development for SME's, drafting and prosecuting their patent applications as well as advising on related transactions and commercial strategy. She also handles contentious matters, defending granted rights in EPO proceedings and advising on infringement of those patents; on the other side of the fence, she advises on the monitoring and impact on her client's activities of third party rights. Experience obtained through worldwide prosecution of numerous patent families enables her to advise on filing and examination strategies and draft specifications with multiple jurisdictions in mind.

Rebecca has been involved with innovations in the fields of pharmaceutical and veterinary science, agrosience, human and animal nutrition, cosmetics, microbiology and virology and research and analytical tools. More specifically, she has drafted and prosecuted patent applications for newly identified genes and proteins, for techniques of nucleic acid isolation, manipulation and characterisation, to novel medical uses of known compounds and developments in disease diagnosis, to wood preservative formulations, therapeutically relevant peptides, genetically modified microorganisms and modified viruses and stem cell technology.



Philip Webber

Partner

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Education

MA, University of Cambridge, Natural Sciences (Genetics)

PhD, Warwick University, "Analysis of the regulation of the *Xenopus borealis* N. Cadherin promoter"

Professional Qualifications

European Patent Attorney, 1997

UK Chartered Patent Attorney, 2001

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

CIPA Biotech Committee Member

European Patent Institute

Professional Experience

Philip prosecutes patent applications in all areas of molecular biology and biochemistry including genomics, proteomics, recombinant DNA and protein products, biosimilars, transgenic plants and animals, stem cells, diagnostics assays, virology and vaccines.

Philip is also an active member of the Biotechnology Committee of the UK Chartered Institute of Patent Attorneys (CIPA) and often gives presentations to university students and academics, as well as training junior patent attorneys.

He has spoken at many European and UK conferences and on BBC Radio about the patenting of biological and biotechnological inventions, and has published a number of papers in this area. Philip joined the firm in 1992.

Life Sciences & Biotechnology



Deborah Owen

Partner

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Education

MA, University of Cambridge, Natural Sciences (Zoology), 1992

PhD University of London (research carried out at the Imperial Cancer Research Fund, London), "In vitro morphogenesis of human mammary epithelial cells", 1996

Professional Qualifications

European Patent Attorney, 2001

UK Chartered Patent Attorney, 2001

Certificate in IP Law, University of London, 1998

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Deborah joined the firm in 1996 and became a Partner in 2009. She handles patent work in many areas of biotechnology and biochemistry including genomics, proteomics, recombinant nucleic acid and protein products, research tools, screening methods, transgenic plants and animals, diagnostic, molecular and environmental assays, microbiology, immunology and antibodies, virology and vaccines. She also drafts and files new patent applications in these areas.

Deborah's clients include small- to medium-sized companies, as well as larger companies. A major proportion of her work is original patent drafting and advice work for direct clients. She provides a range of services including patentability assessments, drafting, filing and prosecuting patent applications and defending and opposing granted patents. Deborah also advises clients in a number of other relevant areas including infringement and validity, freedom to operate, evaluating patent portfolios and due diligence.



Daniel Rowe

Associate

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Education

BSc Hons (First Class), University of Bristol, Biochemistry, 1998

PhD, University of Bristol "The intracellular mechanisms of thapsigargin-induced inhibition of human vascular smooth muscle cell proliferation.", 2001

Professional Qualifications

UK Chartered Patent Attorney, 2006

European Patent Attorney, 2006

Certificate in IP Law, University of London, 2003

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Daniel joined the firm in 2001 and became an Associate in 2008. Daniel's client base ranges from small biotech start-ups and university spin-outs/technology transfer offices to multinational biotech/pharma corporations, with particular

experience assisting UK, US and Scandinavian start-ups protect and exploit their IP and assess their freedom to operate in their chosen fields.

The subject matter Daniel handles comes from across the full spectrum of industrial and medical biotechnology. Within the health sector his practice has particular focus on molecular medicine; molecular diagnostics, biomarkers and personalised medicine; pharmaceuticals (human and veterinary); advanced drug delivery; and wound healing products. His industrial practice has particular focus on protein purification from blood products and advanced cell-factories for the industrial production of proteins. He has also handled cases directed to microbiological and non-microbiological processes for the production of poly/oligosaccharides and engineered enzymes for removing contaminating nucleic acids from solutions.

Daniel's professional expertise extends to drafting and prosecution of patent applications and the opposition of patents (offensive and defensive), including appeal work. His expertise further extends to providing straightforward, business-oriented advice to clients on all aspects of patent law in this technical area, including patentability, infringement and validity analyses and commercially-focused assistance with the cost-effective development and management of global patent portfolios. Daniel works closely and effectively with both inventors and management teams, including academic inventors and university technology transfer groups.



Barbara Rigby

Associate

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Tel +44 (0)20 7632 7200

Education

MA, University of Cambridge, Natural Sciences, 1998

PhD, University of Warwick, "Physiology, biochemistry and genetics of microbial metabolism of linear alkanesulfonates", 2003

Professional Qualifications

UK Chartered Patent Attorney, 2008

European Patent Attorney, 2006

Certificate in IP Law (with distinction), University of London, 2004

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Barbara Rigby (née Erdlenbruch) joined the firm in 2002 and became an Associate of the firm in 2008.

After graduating from the University of Cambridge with an Honours degree in Natural Sciences, specialising in Genetics, she obtained a PhD from the University of Warwick for her research into the biochemistry and genetics of the bacterial degradation of sulfonates.

She drafts and prosecutes patent applications in all areas of biotechnology, molecular biology and biochemistry, from antibodies to stem cell technology and medical devices. She also manages the prosecution of international patent portfolios for her clients. Barbara can advise clients on all aspects of patent law, including infringement and validity. She also has experience in contentious matters such as EPO oppositions and appeals.

Barbara's clients include small- to medium-sized companies or sole inventors, as well as large corporate entities and she is sensitive to the specific needs of her varied client base. Having grown up in Belgium, Barbara is fluent in German and conversant in French.



Phillip Price

Associate

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Education

MBioch University of Oxford, Molecular and Cellular Biochemistry, 2006

Professional Qualifications

European Patent Attorney, 2010

UK Chartered Patent Attorney, 2010

Certificate in IP Law, Brunel University, 2007

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Phillip joined the firm in 2006 after graduating from the University of Oxford with a Masters degree in Molecular and Cellular Biochemistry. His studies included research into DNA repair signalling pathways. Phillip became an Associate of the firm in 2012.

Phillip's clients include both large multinational companies and SMEs with various sizes of patent portfolios. His work includes evaluating inventions for patentability, drafting patent specifications and all aspects of patent prosecution, including worldwide prosecution of patent families. Phillip's work also includes advising clients in a number of areas including freedom to operate, monitoring of competitor patent activity, infringement and portfolio management.

Phillip handles work in various biotechnology, medical, veterinary and cosmetic fields. Specific examples include human and veterinary uses of known compounds, vaccine adjuvants, nucleic acid design and manipulation methods, screening methods, diagnostic assays, research tools including molecular devices, synthetic biology, biofuel production, animal nutrition and nutraceuticals.

Life Sciences & Biotechnology



Christopher Wilkins
Associate
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Education

BSc Hons University of Durham, Molecular Biology and Biochemistry, 2000
PhD, University of Cambridge, Plant Molecular Biology, 2004

Professional Qualifications

UK Chartered Patent Attorney, 2011
European Patent Attorney, 2011
Certificate in IP Law, University of London, 2009

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Christopher joined the firm in 2007 after working as a Fellow of Queens' College at the University of Cambridge, where he was conducting research in plant development and lectured in Plant and Microbial Sciences.

Prior to his post-doctoral research, Christopher graduated from the University of Durham in 2000 with an Honours degree in Molecular Biology and Biochemistry. He then moved to the Department of Plant Sciences at the University of Cambridge where he was awarded a PhD in 2004 for research into the perception of the plant hormone cytokinin. Consequently he has practical experience and expertise across a broad spectrum of molecular biology and biochemistry fields. He became an Associate in 2013.

Christopher handles work across the range of biotechnology, medical and cosmetic fields. For instance, he has handled applications relating to: antibodies; artificial immune systems; pharmaceuticals, including peptide and protein based drugs; new medical uses of known biomolecules; virology and vaccination; newly identified genes and proteins and isolation methods; analyte detection methods and systems; genetically modified plants, animals and microorganisms; diagnostic assays; cosmetics; array technology; biofuel production; nucleic acid sequencing, amplification and identification; and molecular biology techniques. His clients include both large multinational companies and SMEs with various sizes of patent portfolios. His work includes evaluating inventions for patentability, drafting patent specifications and all aspects of patent prosecution, including worldwide prosecution of patent families. Christopher's work also includes infringement and validity advice, opposition of granted patents and assistance with the development and management of patent portfolios.



Adam Yates
Attorney
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Education

BSc Hons (First Class) University of Birmingham, Biological Sciences, 2003
PhD, University of Edinburgh, Transcription Factors in Embryonic Stem Cells, 2007

Professional Qualifications

UK Chartered Patent Attorney, 2015
European Patent Attorney, 2012
Certificate in IP Law, Brunel University, 2009

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Adam graduated from the University of Birmingham in 2003 with a First Class Honours Degree in Biological Sciences. In 2007 he was awarded a PhD for research into transcription factors in embryonic stem cells, undertaken at the Medical Research Council's Institute for Stem Cell Research at the University of Edinburgh. Adam joined the firm in 2008.



Paul Taylor

Assistant

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Tel +44(0)20 7632 7200

Education

MBioch, University of Oxford, Biochemistry (Molecular and Cellular), 2008

DPhil, University of Oxford, 'Characterising the Notch-ligand binding interaction, and its modulation by glycosylation.' 2013

Professional Qualifications

Certificate in IP Law, Brunel University, 2014

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Paul graduated from the University of Oxford with a Masters degree in Biochemistry (Molecular and Cellular), including modules in Bionanotechnology and Structural Proteomics, in 2008. Paul completed his DPhil in the Department of Biochemistry at the University of Oxford, investigating the interaction between the Notch receptor and its ligands, and was awarded his DPhil in 2013.



Rosie McDowell

Assistant

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Tel +44(0)20 7632 7200

Education

BSc. (Hons), University of Edinburgh, Biochemistry, 2009

Professional Qualifications

Certificate in IP Law, Brunel University, 2014

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Rosie was awarded a Honours degree in Biochemistry from the University of Edinburgh in 2009 before undertaking PhD research at the Centre for Vision and Vascular Science at Queen's University Belfast. During her PhD she studied oxidative stress induced protein adducts in the diabetic retina and the ability of small molecule electrophile scavengers to prevent adduct accumulation and associated retinal pathology.

Rosie joined the firm in 2013 and handles work in the Life Sciences and Pharmaceutical fields.

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Edward Couchman

Assistant

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Tel +44(0)20 7632 7200

Education

MBiochem (First Class), University of Oxford, Biochemistry (Molecular and Cellular), 2010

MRes (Distinction), Imperial College London, Biochemical Research, 2012

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Edward graduated from the University of Oxford in 2010 with a first class Masters degree in Molecular and Cellular Biochemistry. He then undertook a PhD studentship at Imperial College London, being awarded a Master of Research in Biochemical Research in 2012 and then completing his PhD research into the molecular biology of *Clostridium difficile* in 2015.

Edward joined the firm in 2015.



Alex Wilson

Assistant

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Tel +44(0)20 7632 7200

Education

MBiochem, University of Oxford, Biochemistry (Molecular and Cellular), 2016

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Alex graduated from the University of Oxford in 2016 with a Masters degree in Molecular and Cellular Biochemistry, which included modules in Advanced Structural Biology and Chromosome Biology.

During his studies, Alex also completed a research project investigating newly-discovered cell division proteins in parasites responsible for causing sleeping sickness.

Alex joined the firm in 2016.

Our offices

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United Kingdom

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