

CURRICULUM VITAE

James Oliver Lindsay

MA, BM BCh, PhD, MRCP

Consultant Physician and Gastroenterologist

Barts and the London NHS Trust

August 2005

PERSONAL DETAILS

GMC: Registration number 4029296 Date of Birth: 20th March 1969
Medical Defence: Membership number 2614381 Nationality: British
CCST (Feb 04): Gastroenterology and G(I)M, Calman NTN: THN/018/051/N

EDUCATION AND QUALIFICATIONS

PhD <i>Immunology of Crohn's disease</i>	Imperial College, University of London.	1998-2002
MRCP (UK)	Royal College of Physicians.	1996
BM BCh	Merton College, University of Oxford.	1990-1993
BA (Hons) First Class <i>Medical Sciences (Anatomy)</i>	Gonville and Caius College, University of Cambridge.	1987-1990

RESEARCH GRANTS

Nestle UK research grant (£2.5K)	2004
MRC Clinical Training Fellowship (£150K)	1999-2001
British Digestive Foundation research grant (£40K)	1998

PRESENT APPOINTMENTS

Consultant Physician and Gastroenterologist at St Barts and the London NHS trust
Consultant Physician and Gastroenterologist at The Princess Grace Hospital, London
Honorary Senior Lecturer at Queen Mary, University of London

BIOGRAPHY

Introduction

Dr James Lindsay is a consultant gastroenterologist at St Bartholemew's Hospital and the Royal London Hospital, two of London's leading teaching hospitals. He also consults at The Princess Grace Hospital on Nottingham Place and is a honorary senior lecturer at Queen Mary College, University of London. His main interests include the management of inflammatory bowel disease (IBD) with a focus on novel biological therapies and endoscopy / colonoscopy. His undergraduate medical training was obtained at both Cambridge and Oxford Universities, with a PhD in the immunology of IBD from Imperial College London. His clinical training in gastroenterology was at the Royal Postgraduate Medical School at Hammersmith Hospital, Chelsea and Westminster Hospital and St Mark's Hospital in London.

Inflammatory Bowel Disease

Dr Lindsay has an international reputation in the field of IBD and continues an active research programme in novel biological therapies and the role of pro- and pre-biotic therapy. He runs a tertiary referral IBD clinic at St Bartholemew's Hospital and a specialist adolescent IBD clinic at The Royal London Hospital. He has considerable experience of the use of biological therapies in inflammatory bowel disease and is or has been an investigator on many of the phase II and III trials that demonstrate their efficacy. He is on the advisory boards of pharmaceutical companies that develop biological therapies for IBD. He has delivered multiple lectures and presented research in this field, most recently at the World Congress of Gastroenterology in Canada, the Digestive Diseases Week in the USA and the British Society of Gastroenterology in the UK. He has received clinical and research awards including the Emerging Leader in gastroenterology award and the Digestive Diseases Foundation research Prize.

Endoscopy

Dr Lindsay is the unit training lead in endoscopy at St Bartholemew's Hospital and The Royal London Hospital. He is on the faculty for endoscopy training at St Mark's Hospital, one of the UK's National Training Centres for endoscopy. He has performed in excess of 1500 colonoscopies with a completion rate in excess of 98%. He is fully experienced in therapeutic upper GI endoscopy and the management of acute gastrointestinal bleeding.

GASTROENTEROLOGY / RESEARCH PRIZES

Emerging Leaders in Gastroenterology, First Prize Mondahl, Sweden	2003-2004
Digestive Diseases Foundation Research Prize Awarded at the Plenary Session, British Society of Gastroenterology	2002
Graduate School Research Award Imperial College, London	2001

ACADEMIC SCHOLARSHIPS / PRIZES

The Tancred Studentship Gonville and Caius College, University of Cambridge	1989, 1990-1993
The Public Health Prize University of Oxford	1992
Walter Myers Exhibition Gonville and Caius College, University of Cambridge	1990
Clinical Scholar Gonville and Caius College, University of Cambridge	1990
Senior Medical Scholar Gonville and Caius College, University of Cambridge	1989
Melsome Scholarship Lancing College, Sussex	1982

TRAVEL SCHOLARSHIPS

Yakult Travel Scholarship Expenses for attending DDW to present research on prebiotics	2005
The Runcorn Scholarship Westminster Medical School Trust Clinical attachment with Prof. S. Hanauer, University of Chicago Hospitals	2004
The 3M Elective Prize University of Oxford	1993

THESES

PhD, Imperial College, London <i>'Cytokines and Crohn's disease: the role of IL-10 in regulating enterocolitis'</i>	2002
BA, University of Cambridge <i>'The neuroendocrine control of seasonal breeding in Syrian hamsters'</i>	1990

PREVIOUS EMPOLYMENT

Specialist registrar Oct 2003-Sept 2004	St. Mark's Hospital, London <i>Gastroenterology, Endoscopy and Nutrition</i> Prof. M. Kamm, Dr A. Emanuel, Dr A. Forbes, Dr S. Gabe, Dr B. Saunders
Specialist registrar March 02-Sept 03	Chelsea and Westminster Hospital, London <i>Gastroenterology, Endoscopy and General Medicine</i> Prof. B. Gazzard, Dr D. Westaby, Dr R. Zeegen, Dr J. Martin, Dr J. Andreyev
Visiting fellow Jul-Sept 2001	Academic Medical Centre, Amsterdam, The Netherlands <i>Research collaboration in IL-10 gene therapy for Crohn's disease</i> Prof. S. van Deventer
Research fellow May 98-Feb 02	Imperial College School of Medicine, London <i>MRC Clinical Training Fellowship at The Kennedy Institute</i> Prof. H. Hodgson and Prof. F. Brennan
Honorary registrar May 98-Feb 02	Hammersmith Hospitals NHS Trust <i>Endoscopy and GI bleed rota</i>
Specialist registrar Feb 98-April 98	Charing Cross Hospital <i>Gastroenterology and General Medicine</i> Dr I. Murray-Lyon and Dr A. Thillynaygam
Specialist registrar Feb 97-Jan 98	The Hammersmith Hospital <i>Gastroenterology and General Medicine</i> Prof. H. Hodgson, Prof. J. Calam, Dr J. Walters and Dr S. Taylor-Robinson
Specialist registrar Feb 96-Jan97	Ealing Hospital <i>General Medicine and Gastroenterology</i> Dr I. McNeil and Dr J. Arnold
Senior house officer Aug 95-Jan 96	Hammersmith Hospital <i>Clinical Pharmacology, Clinical Oncology and General Medicine</i> Prof. J. McDermott and Dr S. Stewart
Senior house officer April 95-July 95	Harefield Hospital <i>Cardiology</i> Dr C. Ilsley and Dr V. Paul
Senior house officer Aug 94-March 95	Hillingdon Hospital <i>General Medicine, Gastroenterology, Renal Medicine and Haematology</i> Dr G. Holdstock, Dr L. Sevitt, Dr J. Mohammed and Dr S. Waldron
House officer Feb 94-July 94	John Radcliffe Hospital, Oxford <i>General Medicine and Cardiology</i> Prof. J. Ledingham, Prof. J. Bell, and Dr C. Forfar
House officer Aug 93-Jan 94	Royal United Hospital, Bath <i>General Surgery</i> Mr D. Britton

INFLAMMATORY BOWEL DISEASE

Sub-speciality interest in the pathogenesis and management of IBD with particular focus on novel therapies

- Consultant physician with two tertiary referral IBD clinics per week, a monthly adolescent IBD clinic and a multidisciplinary IBD half day per week. In patient responsibility for 6-10 IBD patients / week.
- One year as an SpR at St. Mark's Hospital with responsibility for all IBD in-patients, three IBD outpatient clinics per week and a national telephone help-line
- Clinical attachment with Prof. Hanauer (University of Chicago Hospitals) to experience the use of novel biological therapies, the role of antibody monitoring and the management of international clinical trials
- On Advisory Board for Infliximab use in Ulcerative colitis
- Experienced in the use of novel biological therapies for IBD. Principal / site investigator for seven national and international clinical trials for IBD (see following sections)
- Specific interest in the role of leukocyte and novel antibody scans in the management of inflammatory bowel disease whilst at Hammersmith Hospital
- Committed to working in a multi-disciplinary team including surgeons, specialist nurses, dietitians, and pharmacists in the management of IBD
- Laboratory science research interest in IBD with a PhD in the immunology of Crohn's disease and ongoing collaborative research with Imperial and King's Colleges, London (see following sections)
- Multiple publications and reviews on IBD, research presentations at national and international conferences, and IBD lectures at national and international meetings (see following sections)

ENDOSCOPY

Subspeciality interest in colonoscopy and endoscopy training

- Unit training director for endoscopy at Barts and the London NHS trust
- Faculty member on therapeutic endoscopy / colonoscopy course at St Mark's Hospital, a national training centre for endoscopy
- Completed the 'Train the Trainer' course in colonoscopy and experienced in the use of simulators and a magnetic imager in teaching colonoscopy technique
- Performed over 1500 colonoscopies with a completion rate in excess of 98% and attended both JAG approved colonoscopy course and colonoscopy masterclasses
- Fully competent in the role of dye spray; polypectomy; endoscopic mucosal resection; laser therapy; argon plasma coagulation; the use of endo-loops and colonic dilatation. Experienced upper GI endoscopist: competent in therapeutic upper GI endoscopy including oesophageal dilatation, variceal banding and injection, ulcer sclerotherapy, gold probe cautery, endoclip deployment and the use of thrombin glues

RESEARCH EXPERIENCE

Broad experience of clinical and laboratory research with expertise in the appropriate managerial, statistical and molecular techniques required. An excellent understanding of the ethical review process. Strong belief in the need for collaboration between clinicians and basic scientists to produce internationally competitive research. Success in grant applications, with two grants currently pending.

Clinical and laboratory based research projects

- Principal investigator in a trial of the therapeutic, microbiological and immunological effects of a prebiotic dietary supplement in patients with Crohn's disease – further DBCT trial of 120 patients currently underway (grant application submitted, protocol completed).
- The role of CD1d restricted natural killer T cells in intestinal biopsies from patients with IBD
- Site investigator for multi-centre trials of CDP-571 in Crohn's disease, Adalimumab in Crohn's disease, Infliximab in ulcerative colitis, VSL#3 probiotic in ulcerative colitis, topical Tacrolimus in Crohn's disease fistulae, and the role of TPMT and metabolite monitoring with azathioprine
- Assessment of the benefit of endoscopically inserted enteral stents for the palliation of malignant gastroduodenal obstruction
- The effect of exogenous and endogenous IL-10 on cytokine release in dissociated intestinal biopsies from patients with Crohn's disease
- The effect of systemic and local gene therapy using adenoviral vectors encoding IL-10 in animal models of inflammatory bowel disease
- Description of a family with hereditary hyperferritinaemia and characterisation of the genetic mutation leading to altered function of the iron responsive element
- Study of the melatonin free interval in the control of seasonal breeding in Syrian hamsters

Reviewer for international journals including Gastroenterology, Gut, Alimentary Pharmacology and Therapeutics, Cytokine, European Journal of Immunology, Journal of Pharmacology and Experimental Therapeutics, and Clinical and Experimental Immunology. Reviewer of applications for international research grant awards.

AUDIT AND MANAGEMENT EXPERIENCE

- I have performed multiple audit projects, including the utilisation of infliximab, the role of endoscopy in patients post cardiac events, the role of endoscopy in managing patients with iron deficiency anaemia.
- Organised patient enrolment in seven multicentre clinical trials. Responsibilities included managing the ethical review process and implementing UK and European directives, managing research nurses, organising appropriate audit and safety monitoring and completion of clinical research files
- Designed and initiated a collaborative research trial which involved negotiating between clinicians and scientists from three academic institutions, as well as responsibility for managing an MSc student
- Designed, implemented and audited a new protocol for administering infliximab to patients with Crohn's disease at Chelsea and Westminster Hospital and Barts and the London Hospitals liaising with OPD, Day-Care Unit, pharmacy and colleagues, with the aim of reducing infliximab associated immunogenicity and side-effects
- Designed and implemented guidelines for the care of patients with diabetes or on anti-coagulation undergoing endoscopy at Chelsea and Westminster Hospital

TEACHING EXPERIENCE

- Gastroenterology unit lead in education and training at Barts and the London NHS trust
- Lectures to undergraduate medical students at QMUL and ICSM on general gastroenterology and the immunology of IBD
- Lectures to PRHO's and SHO's on the management of IBD, GI bleeding and Barrett's oesophagus
- Lecture on MSc course in gastroenterology at QMUL in IBD and colorectal cancer
- Clinical supervisor for foundation year trainees; supervisor of an MSc research project and several SSMs for QMUL medical students
- Organiser of a workshop on research methods for an MSc course at Imperial College, London
- Teaching communication skills and ethics on an independent MRCP course
- Examiner for medical student OSCE at Imperial College School of Medicine

ORIGINAL RESEARCH

Lindsay JO, Whelan K, Stagg AJ, Gobin P, Omar Al Hassi H, Rayment N, Kamm M, Knight S, Forbes A. The clinical, microbiological and immunological effects of fructo-oligosaccharide in patients with Crohn's disease. *Gut*, 2005; Sep 14 (epub ahead of print)

Lindsay JO, Sandison A, Cohen P, Brennan FM, Hodgson HJF. IL-10 gene therapy is therapeutic for Dextran sodium sulfate induced colitis. *Digestive Diseases and Sciences*, 2004; 49: 1327-1334

Lindsay JO, Andreyev HJN, Vlavianos P, Westaby D. Self expanding metal stents for the palliation of malignant duodenal obstruction in patients unsuitable for surgical bypass. *Alimentary Pharmacology and Therapeutics*, 2004; 19: 901-905

Lindsay JO, Ciesielski CJ, Scheinin T, Brennan FM, Hodgson HJ. The local delivery of adenoviral vectors encoding murine interleukin-10 induces colonic IL-10 production and is therapeutic for murine colitis. *Gut*, 2003; 52: 363-369

Lindsay JO, van Montfrans C, Brennan FM, van Deventer SJH, Drillenburgh P, Hodgson HJF, te Velde AA, Rodriguez Pena MS. IL-10 gene therapy ameliorates TNBS induced colitis. *Gene Therapy*, 2002; 9: 1715-21

Lindsay JO, Ciesielski CJ, Scheinin T, Hodgson HJF, Brennan FM. The prevention and treatment of murine colitis using adenoviral vectors encoding interleukin-10. *Journal of Immunology*, 2001; 166: 7625-7633

Lindsay JO, Taylor-Robinson S, Jackson JJ, Walters JRF. The investigation of iron deficiency anaemia - a hospital based audit. *Hepatology*, 1999; 46: 2887-90

Mumford AD, Villiamy T, **Lindsay JO**, Watson A. Hereditary hyperferritinaemia-cataract syndrome: two novel mutations in the L-ferritin iron responsive element. *Blood*, 1998; 91: 367-8

Arnold JD, Mumford AD, **Lindsay JO**, Hegde U, Hagan M, Hawkins JR. Hyperferritinaemia in the absence of iron overload. *Gut*, 1998; 41: 408-410

McGowan I, **Lindsay JO**, Churchill DR, Valori R, Miller R. The value of upper gastrointestinal endoscopy in patients with HIV infection and AIDS: experiences from a major UK centre. *Journal of AIDS Patient Care*, 1995; 9: 229-32.

Maywood ES, **Lindsay JO**, Hastings M. Occlusion of the melatonin free interval blocks the short day gonadal response of the male syrian hamster to programmed melatonin infusions of necessary duration and amplitude. *Journal of Neuroendocrinology*, 1991; 3: 331

Maywood ES, Grosse J, **Lindsay JO**, Hastings M. The effect of signal frequency on the gonadal response of male syrian hamsters to programmed melatonin infusions. *Journal of Neuroendocrinology*, 1992; 4: 37-43

REVIEW ARTICLES

Lindsay JO. IL-10 gene therapy: a cure for Crohn's disease? *CME Journal of Gastroenterology, Hepatology and Nutrition*, 2002; 5: 11-15

Lindsay JO and Hodgson HJF. The immunoregulatory cytokine Interleukin-10: a therapy for Crohn's disease. *Alimentary Pharmacology and Therapeutics*, 2001; 15: 1709-1716

BOOK CHAPTERS

The aetiology of Crohn's disease. **Lindsay JO**, 2005. In '*Surgery of the Anus, Rectum and Colon.*' Williams and Keighly. Eds. Elsevier, UK

Medical therapy for Crohn's disease. **Lindsay JO**, 2005. In '*Surgery of the Anus, Rectum and Colon.*' Williams and Keighly. Eds. Elsevier, UK

Novel biological therapies for inflammatory bowel disease. De Souza R and **Lindsay JO**, 2005. In '*50 clinical dilemmas in IBD.*' Rampton, Irving and Shanahan Eds. Blackwell Publishing, UK

Interleukin-10: the role in Crohn's disease. **Lindsay JO**, 2003. In '*Interleukin-10*' Marincola F. eds. Landes Bioscience, USA

What do new imaging tools offer the investigation of disease? **Lindsay JO** and Hodgson HJF, 2001. In '*Challenges in Inflammatory Bowel Disease.*' Jewell DP, Warren BF, Mortensen NJ, eds. Blackwell Science, Oxford, UK

ABSTRACTS

Omar H, **Lindsay JO**, Whelan K, Gobin P, Forbes A, Kamm MA, Knight SC and Stagg A. Modulation of intestinal dendritic cells in Crohn's disease patients taking a fructo-oligosaccharide prebiotic. Oral presentation at the British Society of Immunology, 2005: abstract 1.3

Whelan K, **Lindsay JO**, Gobin P, Rayment N, Stagg A, Knight SC and Forbes A. The effect of fructo-oligosaccharide on faecal and mucosal microbiota in Crohn's disease. Oral presentation at the International Nutrition Congress, 2005

Lindsay JO, Whelan K, Stagg A, Gobin P, Omar H, Kamm MA, Knight SC and Forbes A. The microbiological, immunological and clinical effects of fructo-oligosaccharide in patients with crohn's disease: an open label trial. *Gastroenterology*, 2005; 128; Abstract

Lindsay JO, Whelan K, Stagg A, Gobin P, Omar H, Kamm MA, Knight SC and Forbes A. Prebiotic fructo-oligosaccharide as a therapy fro Crohn's disease: an open label trial. *Gut*, 2005; 54 Abstract

Ansari A, Soon S, **Lindsay JO**, Arenas M, Morris D, Greenfield S, Fairbanks L, Patel D, Lewis C, Duley J, Marinaki T, Sanderson J. TPMT activity predicts both toxicity and clinical response to azathioprine in inflammatory bowel disease: The London IBD Forum Prospective Study. *Gastroenterology*, 2004: A1293

Ansari A, Arenas M, **Lindsay JO**, Morris D, Greenfield S, Raouf S, Fong F, Fairbanks L, Marinaki T, Duley J, Sanderson J. Pharmacogenetic profiling in azathioprine therapy: TPMT, ITPA and MTHFR polymorphisms and toxicity. *Gut*, 2004; 53: A408

Ansari A, Arenas M, **Lindsay JO**, Morris D, Greenfield S, Khanbai T, Fong F, Aslam Z, Fairbanks L, Marinaki T, Duley J, Sanderson J. Thiopurine methyl transferase activity predicts both toxicity and clinical response to azathioprine in inflammatory bowel disease: the London IBD Forum prospective study. *Gut*, 2004; 53: A122

Ansari A, Arenas M, **Lindsay JO**, Morris D, Greenfield S, Soon S, Fairbanks L, Duley J, Marinaki T, Sanderson J. Prospective study of thioguanine nucleotide measurement during azathioprine therapy for IBD. *Gut*, 2004; 53: A409

Lindsay JO, Vlavianos P, Andreyev HJN, Westaby D. Enteral Stents for the palliation of malignant gastroduodenal obstruction. *Gut*, 2003; 52: A72

Lindsay JO, van Montfrans C, te Velde AA, Brennan FM, Hodgson HJF, Rodriguez Pena MS. IL-10 gene therapy ameliorates TNBS induced colitis. *Gastroenterology*, 2002; 122: A393

Lindsay JO, Ciesielski CJ, Scheinin T, Brennan F, Hodgson HJF. Local IL-10 gene therapy induces colonic IL-10 release and is therapeutic for murine colitis. *Gastroenterology*, 2002; 122; A386 (*Abstract of Distinction*)

Lindsay JO, Ciesielski CJ, Scheinin T, Brennan FM, Hodgson HJF. The rectal administration of adenoviral vectors encoding murine interleukin-10 (AdvmuIL-10) induce colonic IL-10 release and is therapeutic in IL-10 knock-out mice with established disease. Abstract at *Vlth International Falk Symposium*, 2001

Lindsay JO, Ciesielski CJ, Brennan FM, Hodgson HJ. The rectal administration of an adenoviral vector encoding IL-10 induces colonic IL-10 release with minimal anti-adenoviral response. *Gastroenterology*, 2001; 120: A687

Lindsay JO, Ciesielski CJ, Scheinin T, Brennan FM, Hodgson HJF. The prevention and treatment of murine colitis using adenoviral vectors encoding interleukin-10. *Gastroenterology*, 2001; 120: A686

Lindsay JO, Ciesielski CJ, Feldmann M, Brennan FM, Hodgson HJF. The stable infection of colonic epithelial cells and primary rabbit colon cells with an adenoviral vector encoding muIL-10 generates bioactive cytokine at therapeutic concentrations. *Gastroenterology*, 2000; 118: A11

Lindsay JO, Feldman M, Hodgson HJF, Brennan FM. The immunoregulatory role of interleukin-10 in Crohn's disease cell cultures. *Gastroenterology*, 2000; 118: A58

Lindsay JO, Ciesielski C, Feldmann M, Brennan FM, Hodgson HJF. The stable infection of colonic epithelial cells and primary rabbit colon cells with an adenoviral vector encoding muIL-10 generates bioactive cytokine at therapeutic concentrations. *Gut*, 2000; 46: A75

Lindsay JO, Guppy A, Hodgson HJ. Strictures in Crohn's disease - a case of Creon induced colonic fibrosis. Abstract 76 in *Falk Symposium No 106* - Advances in Inflammatory Bowel Disease, 1998

Lindsay JO, Taylor-Robinson S, Walters JRF. Investigation of iron deficiency anaemia - a role for angiography. *Gut*, 1997; 40: A210

Lindsay JO, Mumford A, Hagan M, Hegde U, Hawkins R, Arnold J. Hyperferritinaemia with cataracts: a new hereditary condition. *Gut*, 1996; 39: A W40

Digestive Diseases Week / British Society of Gastroenterology oral presentations

Oral presentation, DDW Chicago, 2005

The microbiological, immunological and clinical effects of fructo-oligosaccharide in patients with Crohn's disease: an open label trial

Oral presentation, BSG Birmingham, 2005

Prebiotic fructo-oligosaccharide as a therapy for Crohn's disease: an open label trial.

Oral presentations, BSG Birmingham 2002

IL-10 gene therapy ameliorates TNBS induced colitis

Local IL-10 gene therapy induces colonic IL-10 release and is therapeutic for murine colitis

Plenary presentation, BSG Glasgow 2001

The prevention and treatment of murine colitis using adenoviral vectors encoding IL-10

Plenary Presentation, BSG Birmingham 2000

The stable infection of colonic epithelial cells and primary rabbit colon cells with an adenoviral vector encoding muIL-10 generates bioactive cytokine at therapeutic concentrations

Invited Lectures

The World Congress in Gastroenterology Montreal, 2005

Immunoregulatory therapy for Crohn's: from adenovirus to artichoke

The Falk symposium in Diverticular Disease Munich, 2005

Medical treatment for diverticular disease: bulking agents

DDRC Gastroenterology meeting, QMUL, London London, 2005

Immunoregulatory therapy for Crohn's: something old, something new

The Western Deanery Academic Gastroenterology day Southampton, 2003

Biological therapies for Crohn's disease

The Postgraduate Course in Gastroenterology Oxford, 2003

The role of leukocyte scanning in gastroenterology

Gastroenterology in Primary Care Conference Chelsea and Westminster, 2003

An update on inflammatory bowel disease

The Academic Gastroenterology Meeting Chelsea and Westminster, 2002

IL-10 gene therapy for Crohn's disease

The VI International FALK IBD symposium Istanbul, Turkey, 2001

Local IL-10 gene therapy

The British Cytokine Group meeting London, 1999

Cytokines in Crohn's disease

Grand Rounds

<i>Adenovirus to artichoke: novel therapies for IBD</i>	The Royal London Hospital, 2004
<i>Prebiotic therapy for Crohn's disease</i>	The Middlesex Hospital, 2004
<i>Immunoregulatory therapy for Crohn's disease</i>	St. Marks Hospital, 2004
<i>Gene therapy for Crohn's disease</i>	Chelsea and Westminster Hospital 2002
<i>Interleukin-10 in Crohn's disease</i>	University College Hospital, London, 2001
<i>Anti-TNF-α antibodies in Crohn's disease</i>	Royal Free Hospital, 2000
<i>Cytokines in Crohn's disease</i>	Hammersmith Hospital, 1999
<i>MRI ablation of hepatocellular cancers</i>	Hammersmith Hospital, 1997
<i>Enteropathy associated T cell lymphoma</i>	Hammersmith Hospital, 1997
<i>Hereditary Hyperferritinaemia and cataracts</i>	Hammersmith Hospital, 1996

North-West Thames Gut Club

<i>Immunoregulatory therapies for Crohn's disease: the role of prebiotics</i>	2005
<i>Immunoregulatory therapy for Crohn's: from adenovirus to artichoke</i>	2004
<i>IL-10 - a realistic therapy for Crohn's disease?</i>	2001
<i>The drawbacks of infliximab in Crohn's disease</i>	2000
<i>Colonic strictures: Creon or Crohn's</i>	1999
<i>Mesenteric ischaemia</i>	1997
<i>Hyperferritinaemia: a novel genetic condition</i>	1996

COURSES / MEETINGS ATTENDED

World Congress in Gastroenterology	Montreal, 2005
Falk symposium in diverticular disease	Munich, 2005
Falk Symposium in IBD	Birmingham, 2005
IBD Masterclass	Paris, 2005
Management for Consultants	London, 2004
Colonoscopy masterclass	St. Mark's Hospital, 2003, 2004
Train the trainers in endoscopy	Royal College of Surgeons, 2004
Colonoscopy training course	St. Mark's Hospital, 2004
Emerging leaders in gastroenterology	Mondahl Sweden, 2003 and 2004
TiG management Workshop	Warwick, 2003
Postgraduate course in gastroenterology	Oxford, 1997, 1998, 1999, 2003
Intestinal failure study day	St. Mark's Hospital 2003
Clinical governance seminars	Chelsea and Westminster Hospital, 2002-3
NHS management for medical SpR's	Keele University, 2003
Advanced medicine course	Royal College of Physicians, 2003
British Society of Gastroenterology	1996-2005
Advanced Cardiac Life Support	Chelsea and Westminster Hospital, 2003
Digestive Diseases Week	USA 1999, 2000, 2001, 2002, 2004, 2005
Transferable skills seminars	Imperial College, 1999-2001
Calman training study days (6 days per year)	1996-2003

MEMBERSHIP OF PROFESSIONAL SOCIETIES

British Medical Association

British Society of Gastroenterology

Royal College of Physicians

INTERESTS

Sailing

Social dinghy racing and yacht charter

Competitive club racing in 420 / 470 (1986-1993)

Represented Cambridge University in the Varsity Match 1989

Skiing

REFEREES

Dr Alastair Forbes, Consultant Gastroenterologist, St Mark's Hospital, Northwest London NHS Trust, Watford Road, Harrow.

Prof. Humphrey Hodgson, Professor of Medicine, Department of Hepatology, Royal Free and University College Medical School, Royal Free Campus, Rowland Hill St., London

