



List of research, equipment, facilities, medical posts and other grants awarded by Children's Liver Disease Foundation since inception

CLDF PhD Fellowships	From/To		From/To
NL1742 - PhD 2004 CLDF PhD Student Fellowship Hepatic progenitor cells as a solution re-populating the failing human liver: an achievable objective with realistic therapeutic potential? Institute of Biomedical Research University of Birmingham Medical School	2004 2008	Birmingham Children's Hospital Cont	
		BPSU Survey – incidence of biliary atresia in the British Isles	Mar 93 Feb 95
		Purchase of thromboelastograph	1995
		Protein metabolism and nutrient utilisation in children with liver disease	Jun 93 May 96
NL 1743 - PhD 2005 CLDF PhD Student Fellowship Gene therapy for ornithine transcarbamylase (OTC) deficiency Centre for Hepatology Royal Free & University College Medical School	2005 2008	Evaluation of the pathophysiology of fat malabsorption in cholestatic liver disease and the therapeutic value of Medium Chain Triglycerides	Mar 91 Apr 93
		Junior lectureship in Hepatology (4 year term)	Jan 90 Jan 94
NL 1744 - PhD 2005 CLDF PhD Student Fellowship Functional characterisation of fibrocystin in extrahepatic biliary atresia Medical and Molecular Genetics University of Birmingham Medical School	2005 2008	King's College Hospital, London	From/To
		RNA inhibition (RNAi) as an approach for the prevention of liver cirrhosis in patients with the Z mutation of alpha 1-antitrypsin	Jan 04 Dec 06
NL 1745 - PhD 2006 CLDF PhD Student Fellowship Characterisation of the role of VPS33B in polarised protein trafficking in liver cells Institute of Biomedical Research University of Birmingham Medical School	2006 2009	Role of biliary defence in the pathogenesis of biliary atresia	Dec 00 Nov 02
		Purchase of a paediatric duodenoscope	2003
		Purchase of microscope	2003
		Purchase of taqman	2002
Birmingham Children's Hospital	From/To	Randomised double-blind placebo-controlled trial of steroids following Kasai-portoenterostomy for biliary atresia	Feb 01 Jan 04
Ductular morphogenesis in the biliary tree: investigations using purified human paediatric liver cells in a three dimensional in vitro model	Oct 01 Apr 05	Establishment of a human hepatocyte bank for use in the treatment of liver disorders and other liver diseases by hepatocyte (liver cell) transplantation	Jan 00 Jan 03
To investigate the feasibility of neonatal Screening for liver dysfunction by measurement of conjugated bilirubin in dried blood spots using Tandem Mass Spectrometry	Mar 01 Feb 02	Health related quality of life for children under 5 with liver disease	Jun 98 Jul 99
Biliary atresia in the British Isles - current incidence and outcome	Jul 97 Jun 02	The development of non-viral DNA vectors for the liver	Jan 98 Dec 99
Evaluation of the effect of fat malabsorption on visual development in children with liver disease	May95 Jun 97	The spectrum of Alagille Syndrome in the UK	Nov 97 Dec 98
The detection of liver dysfunction by neonatal screening	Jun 94 Jun 97	Long term quality of life of patients with biliary atresia	Oct 96 Oct 97
Payment of all costs and expenses for Dr D A Kelly to visit Professor Starzl's unit, Pittsburgh in order to further knowledge of small bowel/ liver transplantation	Jun 93	Establishment of an immunoprecipitation assay with native cytochrome P4502D6 to measure liver kidney microsomal (LMK1) antibody in patients with auto-immune hepatitis(AIH) and hepatitis C (HCV) infection	Jan 96 Dec 97



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King's College Hospital, London Cont.	From/To	King's College Hospital, London Cont	From/To
Incidence and duration of jaundice to unconjugated hyperbilirubinaemia in apparently health breast or bottle fed neonates of Caucasian, Afro-Caribbean and African ethnic Origin	Dec 95 Apr 97	An evaluation of the effectiveness of a combination of practical information and emotional support in reducing distress in parents of a child with liver disease	Mar 88 Feb 90
Costs of a visit by Consultant Paediatrician and Surgical Registrar to visit Professor Starzl's Unit, Pittsburgh, in order to further knowledge of liver and small bowel transplantation	Jan 93	Purchase of 18 Porta-Neb 50 Compressor units to give nebulised drugs	Jan 88
Costs of a visit by Lecturer in Paediatric Hepatology to Children's Nutrition Research Centre, Houston, Texas	Jan 93	Clonal expansion of T-Lymphocytes	Nov 87 Oct 89
Identification of liver membrane antigenic targets of autoantibodies and autoreactive T-Lymphocytes in children with auto-immune chronic active hepatitis	Apr 92 Mar 95	Paediatric anaesthetic services	Jul 87 Dec 88
Pathogenesis of auto-immune chronic liver disease – T-Lymphocyte antigen specificity and receptor usage	Jan 91 Jan 94	Purchase of a Rigel Neonatal Monitor	May 87
Serum hyaluronic acid in paediatric liver disorders of adverse pathogenesis	1991 1994	Secondment of Lecturer in Paediatric Surgery to Professor Otte's Paediatric liver transplant unit in Brussels	Apr 87 Jun 87
Research Co-ordinator	1990 1993	Study of ultrasound tissue characterisation in paediatric liver disease	Jan 87 Dec 88
Effects of transforming growth factor beta on liver transplantation in a rat model	1991 1992	Purchase of a Cryostat	Aug 86
Pathogenesis of auto-immune chronic liver disease characterisation of cloned T-Lymphocytes	Mar 90 Feb 93	Studies in factors causing disease susceptibility in Alpha 1 antitrypsin subjects	Aug 86 Jul 87
Development of ultrasound techniques to measure histological changes in the liver without biopsy	Jan 89 Dec 91	Purchase of equipment for measuring the separation of biological materials	Jun 86
Conversion of laboratory facilities (Singe Payment)		Purchase of Leitz Fluovert Compound Microscope	Jun 86
Immunochemical characterisation of intrahepatic connective tissue and its relationship to serological markets of connective tissue metabolism in chronic liver disease in children with or without antifibrotic treatment	Apr 99 Mar 91	Appointment of Lecturer in Surgical Paediatric Hepatology	May 86 Jan 88
Payment of expenses of Consultant Surgeon to work at Professor Starzl's transplant unit in Pittsburgh for one month	1989	Further characterisation of T-Lymphocytes in body development and evaluation of a new assay for their degree of activity in children with liver disease	Apr 86 Mar 89
		Building work to provide direct access between the Variety Club Children's hospital and the Adult Liver Research Unit and to provide office accommodation for the paediatric liver research Fellows	Oct 85
		Endowment of a post of Senior Lecturer in Paediatric Hepatology	Aug 85
		Research project to study collagen metabolism in cirrhotic and pre-cirrhotic disorders in childhood. (In conjunction with Marks & Spencer Plc)	Apr 85 Mar 88

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Purchase of an Endoscope	Aug 83		
Purchase of a Refrigerated Centrifuge	Aug 82	Institute of Child Health, Great Ormond Street	
Purchase of a Super Rac Fraction Collector	Aug 82	Feasibility of detection of cholestatic hepatobiliary disease by measurement of bile acids in routinely collected Guthrie card blood spots	Jan 97 Dec 97
Purchase of a Carbon dioxide Incubator	Aug 82		
King's College Hospital, London	From/To	Liver Research Laboratories, Queen Elizabeth Hospital, Birmingham	From/To
Cont			
Appointment of a Lecturer in Paediatric Hepatology	Mar 81 June 89	Ductular morphogenesis in the biliary tree: investigations using purified human paediatric liver cells in a three-dimensional <i>in vitro</i> model	Oct 01 Sept 04
Appointment of a Clinical Data Analyst	Feb 81 Oct 84	Investigation of a bio-artificial liver model utilising primary human liver cells (In conjunction with the Community Fund)	Apr 97 Mar 00
St James's University Hospital, Leeds	From/To		
Purchase of computer and equipment for Paediatric Liver Dietetics Department	2002	Regulation of epithelial cell growth and development in normal and diseased paediatric human liver	Oct 96 Oct 99
Purchase of ward play equipment	2002	Regulation of cell growth and differentiation in the developing human liver	Mar 91 Apr 93
Addenbrooke's Hospital, Cambridge	From/To		
The genetic basis of neonatal haemochromatosis	Nov 98 Oct 00		
Payment of all costs and expenses for Professor Roy Calne to visit Professor Starzl's Unit, Pittsburg in order to further knowledge of small bowel transplantation	Jun 92	Role of collagen-I turnover and cross-linking in determining recovery from paediatric liver fibrosis	Oct 01 Sept 04
Payment of 50% of costs of Senior Registrar to research organ preservation in the laboratories of Professor Belzer, University of Madison, Wisconsin, United States of America	Oct 86 Sep 87		
Experimental evaluation of antilymphocyte antibodies following organ transplantation	Dec 85 Nov 87	MRC Human Biochemical Genetics Unit, London	
Payment of 50% of expenses of Transplant Co-ordinator to attend a conference in USA and to visit Professor Starzl's transplant unit	Mar 85	Purchase of a Shaking Water Bath and a Simple Water Bath	Jan 88
Purchase of surgical equipment for paediatric liver transplants	Mar 85	National Heart and Lung Institute, London	From/To
		Pathogenesis of liver cirrhosis in children with alpha-1 antitrypsin deficiency	Jun 94 Jun 97
Booth Hall Children's Hospital, Manchester		Royal Free Hospital, London	
Purchase of an Oblique-Viewing Endoscope	Apr 86	Study of the physiology of copper overload in the foetus/neonate and its possible relation to the pathophysiology of Wilson's Disease	Jan 82 Dec 83



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Sheffield Children's Hospital, Sheffield

Early detection of biliary atresia and liver disease in infancy Mar 95
Dec 96

University College, London

HLA class II restricted T cell immunity to CYP2D6, the target antigen of liver-kidney Microsomal antibody type 1 in patients with autoimmune hepatitis and hepatitis C virus infection May 00
Apr 03

The role of interleukin-6 and related cytokines in hepatitis B virus clearance induced by Oct 98 interferon-alpha treatment Oct 97

Purchase of a hybrid thermocycler Oct 97

University of Leicester

Postgraduate studentship to research the role of copper in the aetiology of Indian Childhood Cirrhosis Nov 85
Oct 88

University of Newcastle upon Tyne Medical School

The role of bile acids in the regulation of hepatic stellate cell function: implications for mechanisms of fibrosis in biliary atresia and other cholestatic liver disease Oct 01
Sept 03

University of Nottingham, Queens Medical Centre

Distribution of haplotypes of alpha-1 antitrypsin in PiZ deficiency – investigating whether a specific haplotype is associated with liver disease 2004
2006