

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

CLDF PhD Fellowships Programme

	From/To		
		Development of a portable device to detect acholic stools from jaundiced infants for use in primary care	2008
NL1742 - PhD 2004 CLDF PhD Student Fellowship	2004 2008	Paediatric Liver Service King's College Hospital, London	
Hepatic progenitor cells as a solution to re-populating the failing human liver: an achievable objective with realistic therapeutic potential? Institute of Biomedical Research University of Birmingham Medical School		1. Immunogenicity of HBV vaccination in infants with biliary atresia after Kasai Portoenterostomy. 2. Uptake of complex vaccinations in children with biliary atresia after Kasai Portoenterostomy Liver Unit, Birmingham Children's Hospital	2008
NL 1743 - PhD 2005 CLDF PhD Student Fellowship	2005 2008	Plasma proteome profiling in children with fatty liver disease	Oct 08 Oct 10
Gene therapy for ornithine transcarbamylase (OTC) deficiency Centre for Hepatology Royal Free & University College Medical School		Faculty of Health and Medical Sciences University of Surrey	
NL 1744 - PhD 2005 CLDF PhD Student Fellowship	2005 2008	The role of the CIDE genes in fatty liver disease	May 09 May 10
Functional characterisation of fibrocystin in biliary atresia Medical and Molecular Genetics University of Birmingham Medical School	extrahepatic	Institute of Reproductive and Developmental Biology, Imperial College, London	
NL 1745 - PhD 2006 CLDF PhD Student Fellowship	2006 2009	Immunophenotyping of T-and B-Lymphocytes in the serum and biliary remnants of children with biliary atresia Paediatric Liver Service, King's College Hospital, London	May 09 May 10
Characterisation of the role of VPS33B in polarised protein trafficking in liver cells Institute of Biomedical Research University of Birmingham Medical School		Investigations of the genetic basis of mitochondrial liver disease Clinical and Molecular Genetics Unit UCL Institute of Child Health	Jan 10 Jan 11
NL 1746 CLDF PhD Student Fellowship	2006 2009	High throughout deep sequencing of the alpha-1 antitrypsin (AAT) gene in subjects with AAT deficiency (A1ATD) related liver disease Queen's Medical Centre, University of Nottingham	Jan 11 Jan 12
Award – consumables of £5,000 per annum For three years for the PhD fellowship for Dr Pengyun Wang Institute of Liver Studies, King's College Hospital		Non-invasive methods to determine disease Severity in paediatric liver disease Paediatric Liver Service King's College Hospital, London	Dec 10 Jun 11
NL 1751 CLDF William Hollway Alpha-1 ATD PhD Student Fellowship	2011	Developing a device to distinguish stool colour of babies with liver disease from healthy babies using spectroscopic imaging followed by a coloured filter - The Biliary Atresia Screening Project (BASP). UCL Institute of Child Health	Mar 13
Patient specific induced pluripotent stem cell derived hepatocytes as models of alpha-1 antitrypsin deficiency Cambridge Institute for Medical Research University of Cambridge			
NL 1753 CLDF PhD Student Fellowship	2012		
Characterisation in the role of vitamin D in the progression of paediatric non-alcoholic fatty liver disease. Department of Nutrition and Metabolism University of Surrey			
NL 1754 CLDF PhD Student Fellowship	2012		
Young People Living with Liver Disease: A qualitative study of experiences of transitions School of Languages and Social Sciences Aston University			

Small Grants Programme

	From/To		
Faecal calprotectin as a non-invasive marker of rejection following liver and bowel transplantation Liver Unit, Birmingham Children's Hospital	2008	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

Main Grants Research Programme inc equipment & investment in people

Birmingham Children's Hospital

	From/To
NL 1747 A multi-centre randomised trial of variceal band ligation for primary prophylaxis of oesophageal variceal bleeding in childhood portal hypertension – a feasibility study.	2007 2009

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Biliary atresia in the British Isles - current incidence and outcome	Jul 97 Jun 02	Health related quality of life for children under 5 with liver disease	Jun 98 Jul 99
Evaluation of the effect of fat malabsorption on visual development in children with liver disease	May 95 Jun 97	The development of non-viral DNA vectors for the liver	Jan 98 Dec 99
The detection of liver dysfunction by neonatal screening	Jun 94 Jun 97	The spectrum of Alagille syndrome in the UK	Nov 97 Dec 98
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	Long term quality of life of patients with biliary atresia	Oct 96 Oct 97
Birmingham Children's Hospital	From/To	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
BPSU Survey – incidence of biliary atresia in the British Isles	Mar 93 Feb 95	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
Purchase of thromboelastograph	1995		
Protein metabolism and nutrient utilisation in children with liver disease	Jun 93 May 96	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
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	Costs of a visit by Lecturer in Paediatric Hepatology to Children's Nutrition Research Centre, Houston, Texas	Jan 93
King's College Hospital, London	From/To	Identification of liver membrane antigenic targets of autoantibodies and autoreactive T-Lymphocytes in children with auto-immune chronic active hepatitis	Apr 92 Mar 95
NL 1752			
To investigate whether biliary atresia has an infectious cause in a paediatric cohort using molecular techniques	2011 2013	Pathogenesis of auto-immune chronic liver disease – T-Lymphocyte antigen specificity and receptor usage	Jan 91 Jan 94
Departments of Virology and Paediatric Surgery			
NL 1749			
Development of foetal hepatocyte therapy for children with liver-based metabolic disorders	2007 2008	Serum hyaluronic acid in paediatric liver disorders of adverse pathogenesis	1991 1994
NL 1748			
Epidemiology of biliary atresia in the UK	May 07	Research Co-ordinator	1990 1993
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	Effects of transforming growth factor beta on liver transplantation in a rat model	1991 1992
Role of biliary defence in the pathogenesis of biliary atresia	Dec 00 Nov 02	Pathogenesis of auto-immune chronic liver disease characterisation of cloned T-Lymphocytes	Mar 90 Feb 93
Purchase of a paediatric duodenoscope	2003	Development of ultrasound techniques to measure histological changes in the liver without biopsy	Jan 89 Dec 91
Purchase of microscope	2003		
Purchase of taqman	2002	Conversion of laboratory facilities (Single Payment)	
Randomised double-blind placebo-controlled trial of steroids following Kasai-portoenterostomy for biliary atresia	Feb 01 Jan 04	Immunochemical characterisation of intrahepatic connective tissue and its relationship to serological markers of connective tissue metabolism in chronic liver disease in children with or without antifibrotic treatment	Apr 99 Mar 91
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		

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Payment of expenses of Consultant Surgeon to work at Professor Starzl's transplant unit in Pittsburgh for one month	1989	Appointment of a Clinical Data Analyst	Feb 81 Oct 84
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	St James's University Hospital, Leeds	From/To
Purchase of 18 Porta-Neb 50 compressor units to give nebulised drugs	Jan 88	Purchase of computer and equipment for Paediatric Liver Dietetics Department	2002
Clonal expansion of T-Lymphocytes	Nov 87 Oct 89	Purchase of ward play equipment	2002
Paediatric anaesthetic services	Jul 87 Dec 88	Purchase of computing equipment for the Liver unit clinical nurse specialist team	2008
Purchase of a Rigel Neonatal Monitor	May 87	Purchase of computing equipment for the Liver unit specialist social worker	2008
Secondment of Lecturer in Paediatric Surgery to Professor Otte's Paediatric liver transplant unit in Brussels	Apr 87 Jun 87	Addenbrooke's Hospital, Cambridge	From/To
Study of ultrasound tissue characterisation in paediatric liver disease	Jan 87 Dec 88	The genetic basis of neonatal haemochromatosis	Nov 98 Oct 00
Purchase of a Cryostat	Aug 86	Payment of all costs and expenses for Professor Roy Calne to visit Professor Starzl's Unit, Pittsburgh in order to further knowledge of small bowel transplantation	Jun 92
Studies in factors causing disease susceptibility in alpha-1 antitrypsin subjects	Aug 86 Jul 87	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
Purchase of equipment for measuring the separation of biological materials	Jun 86	Experimental evaluation of antilymphocyte antibodies following organ transplantation	Dec 85 Nov 87
Purchase of Leitz Fluovert Compound Microscope	Jun 86	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
Appointment of Lecturer in Surgical Paediatric Hepatology	May 86 Jan 88	Purchase of surgical equipment for paediatric liver transplants	Mar 85
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	Booth Hall Children's Hospital, Manchester	
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	Purchase of an Oblique-Viewing Endoscope	Apr 86
Endowment of a post of Senior Lecturer in Paediatric Hepatology	Aug 85	Institute of Child Health, Great Ormond Street	
Research project to study collagen Metabolism in cirrhotic and pre-cirrhotic disorders in childhood (In conjunction with Marks & Spencer Plc)	Apr 85 Mar 88	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 an Endoscope	Aug 83	Liver Research Laboratories, Queen Elizabeth Hospital, Birmingham	
Purchase of a Refrigerated Centrifuge	Aug 82	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
Purchase of a Super Rac Fraction Collector	Aug 82	Investigation of a bio-artificial liver model utilising primary human liver cells (In conjunction with the Community Fund)	Apr 97 Mar 00
Purchase of a Carbon dioxide Incubator	Aug 82	Regulation of epithelial cell growth and development in normal and diseased paediatric human liver	Oct 96 Oct 99
Appointment of a Lecturer in Paediatric Hepatology	Mar 81 June 89		

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Regulation of cell growth and differentiation
in the developing human liver Mar 91
Apr 93

Liver Research Group, Southampton University

Role of collagen-I turnover and cross-linking
in determining recovery from paediatric liver
fibrosis Oct 01
Sept 04

MRC Human Biochemical Genetics Unit, London

Purchase of a Shaking Water Bath and a
Simple Water Bath Jan 88

National Heart and Lung Institute, London

Pathogenesis of liver cirrhosis in children
With alpha-1 antitrypsin deficiency Jun 94
Jun 97

Royal Free Hospital, London

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

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
interferon-alpha treatment Oct 97
Oct 98

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