

**Charity number: 1166985**

**THE LIVER GROUP CHARITY CIO**

**UNAUDITED ANNUAL REPORT AND  
ACCOUNTS**

**YEAR ENDED 31 DECEMBER 2022**



**LUBBOCK FINE LLP  
Chartered Accountants  
Paternoster House  
65 St Paul's Churchyard  
London EC4M 8AB**

# THE LIVER GROUP CHARITY CIO

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## THE LIVER GROUP CHARITY CIO

### REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS TRUSTEES AND ADVISERS FOR THE YEAR ENDED 31 DECEMBER 2022

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<b>Trustees</b>	Dr David Holbrook (Chairman) Mary Collier Susan Eggleton Dr Martin Giles Kay Glendinning MBE Professor Clare Selden
<b>Charity registered number</b>	1166985
<b>Principal office</b>	C/O Institute for Liver and Digestive Health Royal Free Hospital Campus - University College Medical School Rowland Hill Street Hampstead NW3 2PF
<b>Patron</b>	Prof Sir Roger Penrose OM FRS
<b>Accountants</b>	Lubbock Fine LLP Chartered Accountants & Statutory Auditors Paternoster House 65 St Paul's Churchyard London EC4M 8AB

## THE LIVER GROUP CHARITY CIO

### TRUSTEES' REPORT FOR THE YEAR ENDED 31 DECEMBER 2022

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The Trustees present the annual report together with the financial statements of The Liver Group Charity CIO for the year ended 31 December 2022. The Trustees confirm that the Annual Report and financial statements of the Charity comply with the current statutory requirements, the requirements of the Charity's governing document and provisions of the Statement of Recommended Practice (SORP), applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (effective 1 January 2019).

#### Reference and administrative details

The Liver Group Charity CIO ("the Charity") is registered with the Charity Commission of England and Wales, under registration number 1166985. The Charity was registered on 6 May 2016 as a Charitable Incorporated Organisation, and as at 30 September 2016 took over the activities and assets of The Liver Group (registered charity number 1024533) which has subsequently been closed. The principal operating address is UCL Institute for Liver and Digestive Health, UCL - Royal Free Hospital Campus, University College Medical School, Upper Third Floor, Rowland Hill St, Hampstead, London NW3 2PF.

The Trustees who served in the year (including post year end appointments / resignations) were:

Dr David Holbrook (Chairman)  
Mary Collier  
Susan Eggleton  
Dr Martin Giles  
Kay Glendinning MBE  
Prof Clare Selden

Prof Sir Roger Penrose OM FRS — Patron

#### Structure, governance and management

The Board of Management comprised of six Trustees and one Patron during the year ended 31 December 2022. The members are able to draw on relevant board experience in board deliberations. The Board is collectively responsible for the competent management of the organisation in accordance with its objectives which are set out in the Trust Deed which is the Charity's governing document. The Board meets twice a year to monitor the organisation's strategy and activities.

If the need arose to appoint a new trustee the remaining Trustees would identify and appoint an appropriate person. The current Trustees are responsible for the induction of any new trustee which involves making them aware of the Trustees' responsibilities, the governing documents, administrative procedures and the history and philosophical approach of the Charity.

The Charity does not have any employees and its day to day activities and fundraising efforts are carried out by researchers from University College London, volunteers and trustees, under the supervision of one of the Trustees. The Trustees have agreed a position that should any profits arise from the intellectual property in the research being carried out by the team generally, and in conjunction with the various other parties involved in that work, the Charity would be entitled to a proportion of such amounts as per the Association of Medical Research Documentation (AMRC).

**TRUSTEES' REPORT (CONTINUED)  
FOR THE YEAR ENDED 31 DECEMBER 2022**

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**Objectives and activities**

The objects of the charity are:

1. The relief of patients suffering from disease of the liver and genetic defects affecting the liver.
2. The promotion of research into the causes and treatment of diseases of the liver on terms that the results of such research are published.
3. Without prejudice to the generality of the foregoing to fund and support existing and future research into such matters at UCL Medical School (Liver Group) at the Royal Free Hospital or any other establishment into which such unit may be amalgamated and transferred in the future.

The principal activity of the Charity currently is the project being conducted to develop an artificial liver. The artificial liver project is being carried out with the funds raised for the continuing "Liver for Life" Appeal.

All the activities of the Charity were undertaken to further its purposes for the public benefit in line with the Charity's long-term objective of providing the relief of patients suffering from diseases of the liver and genetic defects affecting the liver, and promoting research into the causes and treatment of liver disease. The Charity has complied with section 17 of the Charities Act 2011 having due regard of the public benefit guidance published by the Commission.

**Review of the period (including financial review)**

The organisation remains funded mainly by donations. They are a mixture of individual, corporate and charitable trust donations. During the year external donations totalled £40,639 (2021: £15,679).

The majority of funds are spent on paying the cost of researchers, as well as the required consumables and equipment for the research to continue. As evidenced by the publications arising from the work, the Charity's current aim to develop a bio-artificial liver machine has moved forward from the medium scale to human scale, and now on to clinical scale, and towards readiness for a first-in-human trial.

The following period will see an advance to GMP manufacture, regulatory and ethics approval for a first in human trial. Each of these steps is associated with a considerable increase in research personnel, consumable and equipment expenditure. For 2022, expenditure totalled £188,537 (2021: £134,090). Except for such funds as the Trustees consider prudent to maintain for the purpose of management and administration of the Charity for the foreseeable future, all unrestricted funds are applied for the purposes of the 'Liver for Life' project and the general charitable objects of the Charity. The Trustees consider that £204,350 (2021: £149,831) of unrestricted reserves is more than sufficient to fund 6 months of current operations. During the period, the Charity recorded a deficit of £142,855 (2021: deficit of £116,635). The Charity's unrestricted fund is already committed to existing research.

As the bio-artificial liver project nears clinical scale and development for clinical trial, the costs are rapidly increasing necessitating considerable further fund-raising.

During 2017, the Trustees, on behalf of The Liver Group Charity CIO, entered into an agreement with Liver Health such that a proportion of any income from the sale of their drink product will be donated to The Liver Group Charity CIO. The Trustees felt that this would be a beneficial outcome for the charity if the product is successful. As well as proving a financial benefit, it would also raise awareness of the Charity itself and the risks of liver disease. This agreement is ongoing.

**TRUSTEES' REPORT (CONTINUED)  
FOR THE YEAR ENDED 31 DECEMBER 2022**

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**Achievements and performance**

- Research output, intellectual property gained and achievement of milestones towards moving the bioartificial liver project from the bench to the bedside. Further details are set out in the Chairman's report on page 6.
- Administrative charitable activities are limited to fundraising for the research endeavour. This is achieved by written applications to known grant giving organisations, small and large companies via the CEOs or other appropriate individual or wealthy individual donors. The Charity also has a web-page with an opportunity to donate via Charities Aid Foundation. During the period from 1 January 2022 to 31 December 2022, external income of £40,639 (2021: £15,697) was raised from donations and grants; other income of £5,043 (2021: £1,758) was generated from interest earned on cash deposits.
- Indicators of achievements are success in the research aims and, in addition, the total funds raised in a particular year. These rarely exceed our expenditure for the year.
- The Charity is one of many sourcing the same research funding; given the difficult position most UK universities find themselves in, there is increasing competition for funds. Until government resources fill the gap between the costs and current funding of medical research the Charity's efforts will become more difficult each year. Notwithstanding this difficult climate, and the recent world events having a considerable negative effect on possible fundraising activities the Charity continues to explore every avenue to increase funding from grants and donations.
- The impact of the Pandemic even in 2022: The Pandemic has indeed thrown up several challenges, both direct to the Charity in terms of making fundraising a lot more difficult, since we were unable to hold any actual in-person fundraising events in areas where likely donations would be forthcoming e.g. hospital foyers etc., nor had any sponsorship opportunities for fundraising, e.g. London Marathon. We continue our strategy of approaching small trusts by mail with reasonable success, and our social media pages are also a source of fundraising, however, the income in 2022 was considerably less than the expenditure in that year, and judging by the current situation will not be significantly different in 2023. This has precluded the Charity from providing a PhD studentship for any new student as the existing student finished in early 2022.

Whilst the research funded by the Charity has continued as best as possible, with much report writing and analysis and small scale experimental work, there has been a considerable delay to the practical research endeavour at the human clinical scale.

The worldwide shortage of raw materials required in the biotech industry has severely delayed delivery of silicone-based tubing and plastics. The biggest and most lasting impact has been on the availability of cell culture plastics, chemicals and reagents, such as cell culture growth media. Unfortunately the manufacturers of these are the same suppliers of similar products used in vaccine production, so a legal edict from the Government (and Governments around the world) has made it such that any direct Covid-19-related order takes precedent over any other research and thus even on the waiting list the ETA keeps changing, and has in two cases risen from 8-12 weeks to more than 44 weeks. In May 2022 we received only two thirds of our ordered media supply, which enabled us to restart at human scale, but still not the tubing required for the consumables. It was neither possible to foresee nor mitigate against these delays as the volumes and shelf lives of these products do not enable massive bulk ordering in advance as cold storage is also a problem on site.

**Going concern**

After making appropriate enquiries, the trustees have a reasonable expectation that the Charity has adequate resources to continue in operational existence for the foreseeable future. For this reason they continue to adopt the going concern basis in preparing the financial statements. Further details regarding the adoption of the going concern basis can be found in the Accounting Policies.

**TRUSTEES' REPORT (CONTINUED)  
FOR THE YEAR ENDED 31 DECEMBER 2022**

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**Risk management**

The Trustees confirm that there are ongoing processes for identifying, evaluating and managing significant risks faced by the organisation.

**Plans for future periods**

The Charity aims to continue its medical research goals, at a pace commensurate with funding opportunities. With appropriate funding, it sees the bio-artificial liver machine project reach the clinical trial assessment within five years.

**Statement of Trustees' responsibilities**

The Trustees are responsible for preparing the Trustees' Report and the financial statement in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England & Wales requires the Trustees to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the charity and of the incoming resources and application of resources of the charity for that period. In preparing these financial statements, the Trustees are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles in the Charities SORP;
- make judgements and estimates that are reasonable and prudent;
- state whether applicable accounting standards have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Charity will continue in operation.

The Trustees are responsible for keeping proper accounting records that disclose with reasonable accuracy at any time the financial position of the charity and to enable them to ensure that the financial statements comply with the Charities Act 2011, the applicable Charities (Accounts and Reports) Regulations 2008 and the provisions of the Trust deed. They are also responsible for safeguarding the assets of the charity and taking reasonable steps for the prevention and detection of fraud and other irregularities.

The Trustees are responsible for the maintenance and integrity of the Charity and financial information included on the Charity's website. Legislation in the United Kingdom governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

This report was approved by the Trustees and signed on their behalf by:

*Clare Selden*

**Professor Clare Selden**  
(Trustee)  
Date: 17 October 2023



**CHAIRMAN'S STATEMENT**

**FOR THE YEAR ENDED 31 DECEMBER 2022**

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The chairman presents his statement for the Year.

Despite a continually difficult fundraising environment for both the charity and the research sectors it has been another year of significant progress for the project which the Charity funds. Professor Clare Selden and her team at University College London (UCL) have advanced HepatiCan™ on all fronts.

The Academic group applied for a Commercialisation of Research Award from the Cell and Gene Therapy Catapult (CGTC) for £50,000 in kind support, which involved significant levels of due diligence and peer review, as well as a request for the commercial potential for the project. An outcome is expected in early 2023.

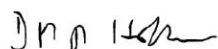
On the technical front, the workstation is now complete and despite some electronic glitches has achieved good success on its tests to date. Work continues on cell recovery rates after cryopreservation, but progress is being made. The same is true of stability and sterility studies. The team under Professor Selden should be congratulated on this progress over the year.

Looking ahead, the Charity is committed to helping in the translation of liver research to the patient, and its primary and sole focus at present (as peer reviewed) is to continue to support the artificial liver project at UCL. As the project morphs from a research project to a development one this changes the landscape of available sources of funding for the project, from academic grants and charitable donations to more commercial sources such as venture capital and other forms of investment which seeks a financial return.

Accordingly, Professor Selden has given notice to the Charity, that in Sept 2023 she will own the intellectual property relating to the project by way of an assignment agreement with UCLB and intends to commercialise HepatiCan™ through a company vehicle. Negotiations will take place at arm's length with Professor Selden to ensure that the Charity receives a fair apportionment of any commercial upside which could possibly ensue from the commercialisation of the intellectual property which the Charity – along with other bodies – has helped to fund, according to the agreements that existed with UCLB and which will now be amended to refer to any new entity formed.

In all these matters the Trustees are mindful to manage any possible conflicts of interest between Professor Selden in her capacity as an academic receiving funding from the Charity, a founder of a spin-out company established to commercialise HepatiCan™, and as a Trustee of the Charity.

Finally special thanks are due to all the volunteers, fundraisers, Trustees and scientific and support staff who make this Charity possible. This year, special thanks are due to the research team of Eloy Erro, Tom Brookshaw and Sherri Chalmers and our completed apprentice Rosa French who we wish well for the future. My board of Trustees have as ever been a great help and special thanks go to Dr. Martin Giles for his key input in keeping the Charity's investments effective and to Sue Eggleton and Martin for their work on financial and risk management matters.



**Dr David Holbrook**  
Chairman

Date: 13 October 2023



# THE LIVER GROUP CHARITY CIO

## INDEPENDENT EXAMINER'S REPORT

### FOR THE YEAR ENDED 31 DECEMBER 2022

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#### **Independent Examiner's Report to the Trustees of The Liver Group Charity CIO ('the Charity')**

I report to the charity Trustees on my examination of the accounts of the Charity for the Year ended 31 December 2022.

#### **Responsibilities and Basis of Report**

As the Trustees of the Charity you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the Charity's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

#### **Independent Examiner's Statement**

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Charity as required by section 130 of the 2011 Act; or
2. the accounts do not accord with those records; or
3. the accounts do not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

This report is made solely to the Charity's Trustees, as a body, in accordance with Part 4 of the Charities (Accounts and Reports) Regulations 2008. My work has been undertaken so that I might state to the Charity's Trustees those matters I am required to state to them in an Independent Examiner's Report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Charity and the Charity's Trustees as a body, for my work or for this report.

*Hazra Patel*

**Hazra Patel, ACA**

**Lubbock Fine LLP**

Chartered Accountants & Statutory Auditors

Paternoster House

65 St Paul's Churchyard

London

EC4M 8AB

Date: 18 October 2023

THE LIVER GROUP CHARITY CIO

STATEMENT OF FINANCIAL ACTIVITIES INCORPORATING INCOME AND EXPENDITURE ACCOUNT  
FOR THE YEAR ENDED 31 DECEMBER 2022

	Note	Unrestricted funds 2022 £	Restricted funds 2022 £	Total funds 2022 £	Total funds 2021 £
<b>Income from:</b>					
Donations and legacies	2	30,639	10,000	40,639	15,697
Investments	3	5,043	-	5,043	1,758
<b>Total income</b>		<b>35,682</b>	<b>10,000</b>	<b>45,682</b>	<b>17,455</b>
<b>Expenditure on:</b>					
Charitable activities	4	188,537	-	188,537	134,090
<b>Total expenditure</b>		<b>188,537</b>	<b>-</b>	<b>188,537</b>	<b>134,090</b>
<b>Net movement in funds</b>		<b>(152,855)</b>	<b>10,000</b>	<b>(142,855)</b>	<b>(116,635)</b>
<b>Reconciliation of funds:</b>					
Total funds brought forward		351,356	-	351,356	467,991
Net movement in funds		(152,855)	10,000	(142,855)	(116,635)
<b>Total funds carried forward</b>		<b>198,501</b>	<b>10,000</b>	<b>208,501</b>	<b>351,356</b>

The Statement of Financial Activities includes all gains and losses recognised in the Year.

The notes on pages 10 to 17 form part of these financial statements.

# THE LIVER GROUP CHARITY CIO

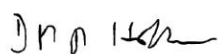
## BALANCE SHEET

AS AT 31 DECEMBER 2022

	Note	2022 £	2022 £	2021 £	2021 £
<b>Current assets</b>					
Debtors	6	7,485		3,333	
Cash at bank and in hand		295,388		432,867	
		<u>302,873</u>		<u>436,200</u>	
Creditors: amounts falling due within one year	7	(94,372)		(65,758)	
<b>Net current assets</b>			208,501		370,442
Creditors: amounts falling due after more than one year	8		-		(19,086)
<b>Net assets</b>			<u>208,501</u>		<u>351,356</u>
<b>Total net assets</b>			<u>208,501</u>		<u>351,356</u>
<b>Charity funds</b>					
Restricted funds	9		10,000		-
Unrestricted funds	9		198,501		351,356
<b>Total funds</b>			<u>208,501</u>		<u>351,356</u>

*The figures shown in brackets above represent amounts payable by the Charity as at 31 December.*

The financial statements were approved and authorised for issue by the Trustees and signed on their behalf by:



**Dr David Holbrook**  
Chairman

Date: 13 October 2023

The notes on pages 10 to 17 form part of these financial statements.

NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2022

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**1. Accounting policies**

**1.1 Basis of preparation of financial statements**

The financial statements have been prepared under the historical cost convention with items recognised at cost or transaction value unless otherwise stated in the relevant notes to these accounts. The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102) effective 1 January 2019 and Charities Act 2011.

The Liver Group Charity CIO meets the definition of a public benefit entity under FRS 102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy.

**1.2 Going concern**

The charity is mainly reliant upon donations to raise revenue to meet future expenditure. The Trustees consider that it is appropriate to prepare the financial statements on a going concern basis due to the high level of reserves held. This also assumes that the charity will be successful in its fundraising activities. The financial statements do not include any adjustments that would result if insufficient funds are raised.

**1.3 Income**

All income is recognised once the Charity has entitlement to the income, it is probable that the income will be received and the amount of income receivable can be measured reliably.

Income tax recoverable in relation to investment income is recognised at the time the investment income is receivable.

**1.4 Expenditure**

Expenditure is recognised once there is a legal or constructive obligation to transfer economic benefit to a third party, it is probable that a transfer of economic benefits will be required in settlement and the amount of the obligation can be measured reliably. Expenditure is classified by activity. The costs of each activity are made up of the total of direct costs and shared costs, including support costs involved in undertaking each activity. Direct costs attributable to a single activity are allocated directly to that activity. Shared costs which contribute to more than one activity and support costs which are not attributable to a single activity are apportioned between those activities on a basis consistent with the use of resources.

Charitable activity costs are costs incurred on the charity's operations, including support costs and costs relating to the governance of the charity.

Expenditure on charitable activities is incurred on directly undertaking the activities which further the Charity's objectives, as well as any associated support costs.

All expenditure is inclusive of irrecoverable VAT.

NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2022

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**1. Accounting policies (continued)**

**1.5 Interest receivable**

Interest on funds held on deposit is included when receivable and the amount can be measured reliably by the Charity; this is normally upon notification of the interest paid or payable by the Bank.

**1.6 Debtors**

Trade and other debtors are recognised at the settlement amount after any trade discount offered.

**1.7 Cash at bank and in hand**

Cash at bank and in hand includes cash and short-term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

**1.8 Liabilities and provisions**

Liabilities are recognised when there is an obligation at the Balance Sheet date as a result of a past event, it is probable that a transfer of economic benefit will be required in settlement, and the amount of the settlement can be estimated reliably. Liabilities are recognised at the amount that the company anticipates it will pay to settle the debt or the amount it has received as advanced payments for the goods or services it must provide. Provisions are measured at the best estimate of the amounts required to settle the obligation.

Trade and other creditors are recognised at the settlement amount after any trade discounts received. Accruals are value based on the estimated amount to be paid.

**1.9 Financial instruments**

The Charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value with the exception of bank loans which are subsequently measured at amortised cost using the effective interest method.

**1.10 Fund accounting**

General funds are unrestricted funds which are available for use at the discretion of the Trustees in furtherance of the general objectives of the Charity and which have not been designated for other purposes.

Restricted funds are funds which are to be used in accordance with specific restrictions imposed by donors or which have been raised by the Charity for particular purposes. The costs of raising and administering such funds are charged against the specific fund. The aim and use of each restricted fund is set out in the notes to the financial statements.

**1.11 Donated goods and services**

The Charity does not value donated services in the accounts. Services that are received, such as volunteers' time and the use of the laboratory space at University College London are either deemed not to be material or too onerous to value for a charity of this size.

THE LIVER GROUP CHARITY CIO

NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2022

2. Income from donations and legacies

	Unrestricted funds 2022 £	Restricted funds 2022 £	Total funds 2022 £
Donations	30,639	10,000	40,639

	Unrestricted funds 2021 £	Total funds 2021 £
Donations	15,697	15,697

3. Investment income

	Unrestricted funds 2022 £	Total funds 2022 £
Bank Interest	5,043	5,043

	Unrestricted funds 2021 £	Total funds 2021 £
Bank Interest	1,758	1,758

4. Analysis of expenditure by activities

	Activities undertaken directly 2022 £	Support costs 2022 £	Total funds 2022 £
Charitable costs	185,346	3,191	188,537

NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2022

4. Analysis of expenditure by activities (continued)

	Activities undertaken directly 2021 £	Support costs 2021 £	Total funds 2021 £
Charitable costs	131,156	2,934	134,090

Analysis of direct costs

	Activities 2022 £	Total funds 2022 £
Researchers (costs paid to UCL)	185,346	185,346

	Activities 2021 £	Total funds 2021 £
Researchers (costs paid to UCL)	131,156	131,156

Analysis of support costs

	Activities 2022 £	Total funds 2022 £
Accountancy fee	1,650	1,650
Independent examination fees (governance)	750	750
Bank charges	791	791
	3,191	3,191



NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2022

4. Analysis of expenditure by activities (continued)

Analysis of support costs (continued)

	Activities 2021 £	Total funds 2021 £
Accountancy fee	1,350	1,350
Independent examination fees (governance)	750	750
Bank charges	834	834
	<u>2,934</u>	<u>2,934</u>

5. Staff costs

The Charity had no employees during the period but supported the costs of researchers who are themselves employed by University College London.

The average monthly number of UCL employees supported by The Liver Group Charity CIO during the period was 4. At the period-end there were 4 employees of UCL working on The Liver Group Charity CIO funded research.

During the period, a number of volunteers gave their time to assist the Charity. No remuneration, other than travel expenses to and from the place of work, were paid to them and the Charity thanks them for their generosity.

The Trustees did not receive any remuneration, benefits in kind and reimbursement of expenses (2021: £nil).

6. Debtors

	2022 £	2021 £
<b>Due within one year</b>		
Accrued income	7,485	3,333
	<u>7,485</u>	<u>3,333</u>

NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2022

**7. Creditors: Amounts falling due within one year**

	<b>2022</b>	<b>2021</b>
	<b>£</b>	<b>£</b>
Amounts due to UCL	92,272	63,658
Accruals	2,100	2,100
	<u>94,372</u>	<u>65,758</u>

**8. Creditors: Amounts falling due after more than one year**

	<b>2022</b>	<b>2021</b>
	<b>£</b>	<b>£</b>
Amounts due to UCL	-	19,086
	<u>-</u>	<u>19,086</u>

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2022

## 9. Statement of funds

## Statement of funds - current Year

	Balance at 1 January 2022 £	Income £	Expenditure £	Balance at 31 December 2022 £
<b>Unrestricted funds</b>				
General Funds	351,356	35,682	(188,537)	198,501
<b>Restricted funds</b>				
Patent costs	-	10,000	-	10,000
<b>Total of funds</b>	351,356	45,682	(188,537)	208,501

The restricted fund was contributed to be used to cover patent costs.

## Statement of funds - prior Year

	Balance at 1 January 2021 £	Income £	Expenditure £	Balance at 31 December 2021 £
<b>Unrestricted funds</b>				
General Funds	467,991	17,455	(134,090)	351,356

## 10. Analysis of net assets between funds

## Analysis of net assets between funds - current year

	Unrestricted funds 2022 £	Restricted funds 2022 £	Total funds 2022 £
Current assets	292,873	10,000	302,873
Creditors due within one year	(94,372)	-	(94,372)
<b>Total</b>	198,501	10,000	208,501

NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2022

**10. Analysis of net assets between funds (continued)**

**Analysis of net assets between funds - prior year**

	<b>Unrestricted funds 2021 £</b>	<b>Total funds 2021 £</b>
Current assets	436,200	436,200
Creditors due within one year	(65,758)	(65,758)
Creditors due in more than one year	(19,086)	(19,086)
<b>Total</b>	<u><u>351,356</u></u>	<u><u>351,356</u></u>

**11. Related party transactions**

Donations from trustees totalled £10,000 (2021 - £nil) during the year.

There were no other related party transactions during the current year or prior year.

# THE LIVER GROUP CHARITY CIO

## DONATIONS TO THE “LIVER FOR LIFE” APPEAL

We are grateful to the following for donations to the “Liver for Life” Appeal

A Benjamin	J Davies (In memory of Jilly Davies)	The Arnold Burton 1998 Charitable Trust
A C Selden	J Gibbs	The Astor Foundation
A Davies (In memory of Jilly Davies)	Jardine Insurance Services Ltd	The Balint Family Trust
A Dowse	JM Elgie (In memory of Jilly Davies)	The Bergqvist Charitable Trust
A Gregory	J Hughes	The Bernard Sunley Charitable Foundation
A Silva	John Taylor Funeral Service	The Big Give
Amanda Ebanks	Just Text Giving	The Boots Charitable Trust
Armourers & Brasiers Gauntlet Trust	KPMG Pet Marwick	The Bowerman Memorial Trust
Associated British Ports Ltd	Laings of London	The Catherine Cookson Charitable Trust
BAE Systems	Land Securities Plc	The Chandris Foundation
Bank of England	Life Technologies	The Charles Littlewood Hill Charitable Trust
Barclays Bank (Knightsbridge Limited)	Linder Myers LLP	The Childwick Trust
Billingsgate Christian Mission Charitable Trust	L Joyce	The Clothworkers Foundation
Bryan Guinness Charitable Trust	L Provost	The Cooper Charitable Trust
BTR PLC	Lloyds Bank Plc	The Dunhill Medical Trust
C Binks	Lords Hampstead	The Economist
C Collins	Mackintosh Foundation	The Eranda Foundation
C Jones (In memory of Jilly Davies)	Mars UK Corporate Services Ltd	The Fitton Trust
C W Mills	M Cooper	The Forte Charitable Trust
CAF	M L Weinstein	The Garfield Weston Foundation
Catherine Cookson Foundation	M Matthews	The Gerald Palmer Eling Trust
CE Heath PLC	Maureen Ng (In memory of Sai Peng)	The Haberdashers Company
Chandris Foundation	Menzies Group	The Hamamelis Trust
Chapman Charitable Trust	MF Cullen (In memory of Jilly Davies)	The Hartnett Charitable Trust
Charities Trust	Misses Barrie Charitable Trust	The Hospital Saturday Fund
Citibank	N Davies	The John & Celia Bonham Christie Charitable Trust
Communis Plc	N Low	The John Ellerman Foundation
Conoco Philips	N Smith Charitable Settlement	The Lennox Hannay Charitable Trust
Cookson Group Plc	New Brunswick	The Loke Wan Tho Foundation
Courage Brewery	P Davies (In memory of Dr C Davies)	The Mary Webb Trust
Coutts Charitable Trust	Pamela Godfrey	The Michael and Anna Wix Charitable Trust
CSB Nitsch	P Smith	The Peter Bowring Charitable Trust
C Selden	Peter Stebbings Memorial Charity	The Pharsalia Charitable Trust
D Davies (In memory of Jilly Davies)	Pfizer Ltd	The Pharmaceutical Brand Consultancy
Dako Limited	PWC	The Oakdale Trust
Daunt Book	R C & Mrs D Ward	The Really Helpful Group
E C Robinson	R Mulji	The Reuben Foundation
E Wright	R F Venn (In memory of Jilly Davies)	The Roger Vere Foundation
Edgar E. Lawley Foundation	R J Price	The SMB Trust
Edwin George Robinson Charitable Trust	R Stowell	The Sobell Foundation
EJH Stephenson (Deceased) Charitable Trust	Reuben Foundation	The Steel Charitable Trust
Everyclick & GAYL	Robert Fleming Holidays Ltd	The Walter Guinness Charitable Trust
Everyman Cinemas	Robert Luff Foundation Ltd	The Worshipful Company of Saddlers
Fishmonger's Company	Roger Vere Foundation	The Worshipful Company of Salters
Friends Provident	Rowan Bentall Charitable Trust	Thomson Corporation Charitable Trust
G Davies	Royal London Insurance Ltd / Scottish Life	Thriplow Charitable Trust
Gary Ingham Hair Salon and Spa	Sandoz	TI Group
Gauchos	S Collins	Tom and Sheila Springer Charity
Generosity (by IndieGogo)	Schroders Plc	Tomkins Plc
Glaxo Plc	Seagrams Distillery Charitable Trust	Vauxhall
Guardian Royal Exchange Plc	Securicor Plc	Violet M Richards Charity
Haymills Charitable Trust	S Guglani	Wagamama
HJ Heinz Co Ltd Charitable Trust	Sir Samuel Scott of Yews Trust	Waterstones
HMRC	Smiths Group PLC	Whitbread Plc
Hon C A Pearson's Charity Trust	Snappy Snaps	Wilkinson Hardware Stores Ltd
Honeywell	Societe Generale UK	William & Mabel Morris Charitable Trust
Hudson Charitable Trust	Stella Symons Foundation	Yorkshire and Clydesdale Bank
	Sunlife Assurance	Zara Restaurant

*We would also like to thank those who have donated anonymously.*

## **The Liver Group Charity CIO**

### **Publications arising from the work of the Liver Group Charity in 2022**

#### **Dimethyl sulfoxide for cryopreservation of alginate encapsulated liver cell spheroids in bioartificial liver support; assessments of cryoprotectant toxicity tolerance and dilution strategies,**

Maooz Awan, Eloy Erro, Elise Forster-Brown, Thomas Brookshaw, Sweta Chandel, Sherri-Ann Chalmers, Alfie Watt, Barry Fuller, Clare Selden,

Cryobiology, 2022 ISSN 0011-2240, <https://doi.org/10.1016/j.cryobiol.2022.03.007>.

#### **Hepatican™ a combined cell therapy and medical device to treat patients with liver failure**

C. Selden, E. Erro, T. Brookshaw, E. Zotova, J. Mendonca da Silva, S. Farid, J. Opie, B. Fuller Selden, C.

**Cytotherapy**, Volume 24, Issue 5, S25 [https://www.isct-cytotherapy.org/issue/S1465-3249\(22\)X0004-2](https://www.isct-cytotherapy.org/issue/S1465-3249(22)X0004-2)

#### **Upscaling cryopreservation protocols from medium to large scale, suitable for clinical cell therapy production**

Tom Brookshaw, Eloy Barbarin Erro, Elizaveta Zotova, Barry Fuller, Clare Selden.

**Cryobiology**, Volume 109, 2022, Page 34, ISSN 0011-2240,  
<https://doi.org/10.1016/j.cryobiol.2022.11.109>.  
(<https://www.sciencedirect.com/science/article/pii/S0011224022002243>)