

The newsletter for supporters of the Cancer Vaccine Institute

Message from the Chairman

Skin cancer is the fastest growing cancer in the UK, with 75,000 new cases every year, and over 2,300 deaths.



The average age of diagnosis is 50 years old but up to 20 per cent of cases now occur in young adults, with more women than men.

Sadly, the CVI receives many phone calls from patients and their families that are dealing with such a diagnosis for whom conventional treatment has failed. Cancer vaccines are still in their early stages but we hope that the pioneering research that we fund will mean that one day there will be other more effective treatment options available.

You will read in Professor Dalglish's research update about a resurgence in interest into immunotherapy with more studies revealing their potential. An exciting and encouraging breakthrough resulting from the malignant melanoma trial that the CVI funded has been made which could help us predict which patients will respond to vaccine therapy.

Once again we have some exciting fundraising activities on offer, which we hope you will take part in. For the first time we have charity places in the British 10K Run and the London to Paris Cycle ride. This year we have also had Christmas Cards exclusively designed for us – so you won't find them anywhere else. As ever we continue to highlight our Friends scheme, of which we now have almost one hundred members – it still remains the best way that you can help us as we can confidently plan our research into the future.

We continue to be overwhelmed and extraordinarily grateful for the support and the enthusiasm from you our supporters and I'd like to take this opportunity to thank you on behalf of everyone at the CVI as well as the patients and their families that will benefit from vaccine treatment now and in the future.

Harry Cotterell
Chairman of the Trustees

Musical evening in memory of Judy Gaselee raises over £15,000



The CVI was delighted to be the beneficiary of the Musical Evening in memory of Judy Gaselee that took place last June at Windsor House in Lambourn. The event was a huge success with wonderful performances by David Paravicini, Craig Pilgrim, Carolyn Bartholomew, Jamie Lonsdale, the Lambourn Chimers; and the Pinewood School Jazz Band. A raffle was held with luxury prizes such as a week's holiday on the Italian Riviera; a

painting of your choice by the well known animal artist Lyn Alexander; a days fishing on the Kennet and two tickets for the Watermill Theatre. Professor Dalglish and Guy Sangster (Trustee) were delighted to attend on behalf of the CVI. The CVI was thrilled that over £15,000 was raised and would like to extend our grateful thanks to all those involved particularly Nick Gaselee and the organising Committee

Exclusive CVI Christmas Cards

For the first time we are delighted to offer two unique Christmas Cards exclusively designed and illustrated for the CVI by the renowned artist Deborah Tait. Deborah's work is published worldwide and can be seen on a wide range of giftware and greeting cards. There is also a

chance to purchase cards from our Lucky Dip for a reduced rate – these are left over packs from previous designs. A flier has already been mailed to everyone and we very much hope that you have found a design to suit and will be



Two exclusive designs by Deborah Tait

supporting us this Christmas by making an order. If you would like to receive another order form please contact Emma on 0845 6020662, visit our website www.cancervaccine.org.uk or email info@cancervaccine.org.uk

Never Forget Tribute Funds

Sadly, due to the nature of our work a large portion of our income comes from in-memoriam donations. We are now able to offer close family and friends the chance to set up a Never Forget Tribute Fund.

Family and friends can now celebrate the life of someone special

It's a lasting way to remember and celebrate the life of someone special and at the same time support the work of the CVI. Tribute Funds bear the name of a loved one (eg the Peter Jones Tribute Fund). Family, friends and colleagues can support the Fund in any way that feels right for them as far in the future as they wish either by making a donation or undertaking some fundraising. It's extremely simple to set up and the CVI can handle all the administration as well as providing regular updates on how the fund is growing. We can even set up a page on our website with details of the fund and an option for people to support it. Any money that has already been donated In Memory can be used to start a Tribute Fund. If you would like an information pack please get in touch.

Sharing Research Information



Since our last newsletter in June, Professor Dalglish and his team have achieved five publications. If you would like to read these please visit www.google.co.uk and search for "Pubmed". Once on the website search on Dalglish A. Publication is a term used by the medical and scientific community where the results of research are shared to enable other researchers to benefit from what has been learned so that cancer vaccine research can develop more quickly.



Professor Angus Dalglish Bsc (Hons)
MD FRACPath FRACP FRCP FMedSci

Research Update from Professor Dalglish

The Cancer Vaccine Institute (CVI) is the only national charity in the UK devoted exclusively to funding research into the development of cancer vaccines and offering them to patients around the UK. The ultimate aim is that vaccines will increase survival rates and patients' quality of life. Research including laboratory research and clinical trials is currently undertaken by Professor Angus Dalglish and his team at St George's University of London Hospital. (SGUL)

It is very clear that, compared to 10 years ago when research on vaccine therapies for cancer were the poor cousin of drug therapy approaches, the immunotherapy field is enjoying a resurgence. The reasons for this are manifold. There has been a huge upswing in the understanding of the immune biology of tumours leading to new approaches to overcome the resistance of tumours to immunotherapy. Moreover, the lessons learned from so many failed clinical trials are bearing fruit and several very promising vaccines are being tested in phase III trials for lung and prostate cancer. Historically less than 30% of patients derive clinical benefit from cancer vaccine therapies but there has been no way of identifying responders in advance. Many groups have embarked on research programs with a view to the development of tests for identifying responders, which in turn should improve the overall success rate of immunotherapy. Finally, although the proponents of chemotherapy and immunotherapy have long kept their studies separate, it is becoming clear that these two approaches may, in some circumstances, be mutually compatible. Currently immunotherapy stands to make great strides forward in the

next few years and the CVI, in funding our research at SGUL, is contributing towards this progress.

Dendritic cell vaccine trial for malignant melanoma

Although there has been a delay in writing up the results of this clinical trial, we have made use of the time by following a programme of "biomarker" discovery which is showing very promising results. A biomarker is a way of predicting a patient's clinical response without looking at their tumour. Thus, for example, diagnostic biomarkers can tell us whether a tumour is present or not. Using serum samples from patients on the melanoma trial we have developed a biomarker that appears to predict which patients will respond to vaccine therapy. This is very exciting since our discovery not only indicates which patients will respond, but may also be telling us something about why some patients do not respond, thus opening up a whole new area in which vaccine therapy may be improved. These results are very preliminary at present and we are currently expanding our studies to make this work publishable.

Aldara/low dose IL-2 for metastatic melanoma

We are considering further studies to improve the exceptional clinical effects of this combination. In the meantime we are very happy to have had another publication from this work in which we reported the immunological responses shown by the patients.

Gamma-delta cell therapy for melanoma

Sadly, the work that we had hoped to do with Professor Moser at Cardiff University proved to be too expensive to fund and

this project has been shelved. However, we maintain an interest in several aspects of gamma-delta cell immunology which we hope to continue investigating over the course of the next year. A previous trial demonstrated that a combination of the drugs Zometa and Interleukin-2, both of which are known to stimulate gamma-delta cells, has some immunological effects in prostate cancer. We intend to treat patients with metastatic melanoma to see whether gamma-delta cells respond to this treatment and whether there is a clinical outcome associated with gamma-delta activation.

Future trials

We are still pursuing the possibility of doing trials in melanoma, prostate and brain cancers using novel vaccine approaches but are still awaiting the development of materials and protocols to make these possible. In the meantime, we have begun a collaboration with the National Blood Service to put a dendritic cell vaccine for Childhood Sarcoma into production. This long awaited trial should be ready to start later this year.

Laboratory news

Two members of the CVI funded staff are currently studying for their PhD. Katie Lowe and Daniel Fowler have just passed the half-way point, which is marked by the upgrade examination. The work produced by these students is laying the groundwork for possible future therapies for cancer. Dan Fowler's work has shown that, using bacterial preparations, we can stimulate particular T cells (called gamma-delta cells) that have anti-tumour properties.

This may explain the reason why bacteria, such as BCG and Mycobacterium vaccae, have clinical effects in the treatment of cancer. It is possible that this work will lead to new ways to stimulate the immune system to recognise tumours. Katie Lowe's work concentrates on the stimulation of dendritic cells. Using cutting edge microarray technology Katie has demonstrated that a range of factors are produced from dying tumour cells which may stimulate dendritic cells and so promote better immune responses. It may be possible to use this to improve the preparation of dendritic cell vaccines in the future.

Publications and presentations

Since the last newsletter CVI funded research has been published in the British Journal of Dermatology. Poster presentations were accepted for the Dendritic Cell meeting in Kobe, Japan and at the Immunopotentiators in Modern Vaccines conference in Jamaica. CVI funded staff presented an educational seminar on cancer vaccines at the European Society of Medical Oncology 2008 meeting.

Professor Dalglish has participated in an Immunotherapy and Complex Biological Therapies Workshop run by the Department of Health, participated in the Cancer Immunology at Immunotherapy Symposium run by the NIH in Washington and the EORTC Melanoma Meeting in The Hague. He has also presented his work at the following meetings:

- BDA Cancer Therapies
 - Austria
- Immunopharmacology 2008
 - Cuba
- Pharma-Ed Melanoma Seminar
 - London
- Vaccine Summit
 - London
- International Oncology Drug Development Summit
 - New York
- Oncology Vaccine Workshop
 - Germany
- World Vaccine Congress
 - Lyons
- Cancer Immunotherapy Meeting
 - Athens

For further information on any of our research projects please visit www.cancervaccine.org.uk



A Wife's Perspective. Jilly Parsons shares her experience

Roger, my husband, was fun loving, energetic and a true

gentleman. He grew up in the Far East and was sent back to England for his schooling. He graduated as a chartered surveyor and had a successful career in the city.

We met in 1990 and married in 1992. Life was great until the summer of 2002 when Roger was suddenly struck down by a mystery illness, a very rare pancreatic cyst that turned out to be malignant. In 2003 he underwent major surgery (a 10 hour operation) which was completely successful. He was out of hospital after eight days and was

back on the golf course six weeks later! The surgery was followed up with routine chemotherapy and radiotherapy and we got on with our life.

Much to our disbelief the cancer returned at the end of 2004 even though Roger had no symptoms and was fit and well. We were told that due to the place the cancer had returned there was little that could be done. Our Oncologist worked with us to source new drugs to try and also suggested we seek the advice of Professor Dalglish regarding cancer vaccines. Professor Dalglish saw us quickly and suggested having a cancer vaccine in combination with chemotherapy drugs. Our consultation with Professor Dalglish was an uplifting

experience - we knew the outlook was not good but we were hopeful that the new treatment could help extend Roger's life. Roger tolerated the treatment very well and even rode his moped to his treatment sessions. The treatment made an enormous difference to us both as it offered hope.

After a hard struggle Roger finally died peacefully at home in March 2006 aged forty-six. It was far too soon for Roger to say goodbye and I will always be sad thinking of all the things he has missed out on in life. I will however always be grateful for the ray of hope and the pioneering spirit of the cancer vaccine treatment during a very dark period in our lives.

THANK YOU ...with a little help from our friends

The CVI wouldn't exist without your support and we'd like to take the opportunity to thank everyone for all their fundraising efforts

Three Peaks Challenge

Charlie McGrath and his team mates took part in the infamous Three Peaks Challenge and have raised over £6000. He describes his experience:

The three peaks challenge involves climbing the 3 highest peaks of Scotland, England and Wales within a 24 hour period. My team members were Sally Besley, Tom Ingham-Clarke, Mike Thorpe, John Brownhill, Tommy Shillington with Tony Grey as our driver. They were all good friends of Mark Aldous who sadly died from melanoma in 2005. The route was very carefully planned as there isn't a minute to waste. We started at Ben Nevis, setting off on an overcast evening at 5pm on Friday

13th only to find it snowing on the summit but got up and down in 4 ½ hours; nicely on target. A quick bite to eat and night drive landed us at the north east end of Scarfell Pike at approximately 4.30am. The NE route is a longer approach but a more interesting route. It was a lovely morning but once again cloud on the summit. A quick photograph and we were down to join Tony who had driven around the mountain allowing a shorter drive to Snowden. Sunshine at last for that final ascent, glorious views from the summit and we were down at 3.05pm, total 22 hours and 5 minutes. Thanks to wonderful support we raised over £6,000.



Le Trans Aq Race

Peter Fine took part in the five day, 240km gruelling La Trans Aq race in France. He raised over £4,000.

He describes his experience:

"The race started with a 30km run starting on a beach before heading into dense forest. Even after day one the first casualties limped home. Each day we received a road map with directions and rendezvous points for water. If you got lost you were eliminated. The second day repeated the first except it was 34km. Day three was a mammoth 60km stage, a real test of fitness and mental frailty, which I fortunately completed in good shape and time despite slightly sore feet. The night stage followed with a bumpy boat ride to a remote island to tackle the largest sand dune in Europe, Dune de Pyla. 300m climb to the top and then a 3km run along the ridge, all in the dark. I arrived at camp at 3am and only managed three hours sleep before the penultimate stage - a cruel 37km through forest, dunes and beach.



Peter Fine raised over £4,000

The last day was a mere 20km, almost a sprint, starting in the forest, onto the beach, through a river and more beach to the final finish line. What a sense of achievement, what relief! Of course all of this was all made better by the fact that I knew I was raising funds for the CVI - and I would like to say thank you to everyone who supported me."

Royal Holloway University of London Rag Week

The CVI was delighted to have been chosen as the beneficiary charity for the Royal Holloway University of London Rag Week 2008. Events during the week included a Rocky Horror Night,

talent competition and balloon race. Professor Dalgleish was delighted to have attended the presentation evening and give a talk before receiving the a cheque for over £2000 from the students.

Our grateful thanks also go to:

- Our **Friends** who donate in the best way possible. Giving regularly means that we can plan for the future safe in the knowledge that funding is secured.
- All those who have donated **In Memory** of a loved one
- **To all those who have tirelessly fundraised on our behalf:**
- Andrew and Rebecca Spiers who generously asked their friends and family for donations to the CVI in lieu of wedding presents have raised over £3,000
- Pat Angel raised £700 at a local shoe fair
- Angus Burnett and his Boat Party have raised over £1,000 to date
- Joan Lamprey for her various fundraising activities in Devon which have already raised over £280 to date.
- Ian Dixon who tirelessly supports the CVI's work through ebay sales and other enterprising schemes
- Chichester High School for Boys
- **To our sporting and challenging enthusiasts:**
- Marc Juffkins who competed in numerous runs in the Oxford area has raised £500
- Jamie Walker's Atlantic Crossing raised £850
- The Robert Sangster Memorial Golf Day has raised over £7,000
- Jackie Wellbourne who successfully completed the London Marathon raised over £3,500



Andrew and Rebecca Spiers asked for donations to the CVI in lieu of wedding presents

To the Companies and Charitable Trusts who have generously donated:

- AJH de Boulay Trust
- Beaverbrook Foundation
- Beckwith Smith Charitable Trust
- Carriego Charitable Settlement
- Haberdasher's Benevolent Fund
- Hallco 1812 Ltd
- Slater Foundation
- The Citrina Foundation
- The Gerald Palmer Eling Trust
- The Grocers' Charity
- The Lennox Fund
- The Marketing Store whose continued support is very much appreciated
- The Misses Barrie Charitable Trust
- The PF Charitable Trust
- Tickhill and District Lions Club



The crest of the Haberdashers' Livery Company

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Thank you for your support

FUNDRAISING NEWS

The Cancer Vaccine Institute needs to raise at least £600,000 each year to fund its pioneering research work. We can only do this with the support of people like you.

The British 10K London Run, 12th July 2009



The CVI has four official charity places left on its team for this very popular event sponsored by ASICS. The route takes you through the heart of London past some of the capital's finest and world famous landmarks including Trafalgar Square, St Paul's Cathedral, Tower Bridge and the London Eye before finishing on Whitehall near Downing Street. Every year the race attracts some of the world's finest athletes, celebrities as well as tens of thousands of people from every level of running ability.

London to Paris Bike Ride, 26th - 29th June 2009



Due to popular demand we are once again offering places for this annual event. This long-weekend challenge linking two great European cities covers around 300km in just three days. Encounter historic towns, sleepy villages, rolling countryside and challenging hills before finishing at the city's most famous landmark, the Eiffel Tower. All we ask is that you raise a minimum of £1000 to cover your costs and a donation to the CVI.

Christmas single in aid of the CVI

Greg Allen's band Egokiller are releasing a single in time for Christmas in aid of the CVI in memory of his brother Jeff Allen. The track called The Hum and the Bug has been written, recorded and produced by egokiller and supported and professionally mastered by Bruce Wood at his Touchwood Recording Studios in Leeds. The Yuletide themed song will be available on CD and

download from
- iTunes
- Napster
- Amazon
- Emusic
- Rhapsody
- GroupieTunes - etc. For more information on Egokiller and for November release date please visit www.myspace.com/egokillerband



Make Friends

Since the scheme started we have almost reached one hundred members and have raised over £60,000. Joining the Friends of the CVI by donating regularly is the best way that you can support our work as it allows us to plan our research into the future safe in the knowledge that funding is secure.

Leave the World a Better Place

Leaving a Gift in your Will is one of the best ways that you can support us as it allows us to plan our research in the future. Please contact us for a Legacy Fact sheet.

If you would like further information about the CVI's work or about any of our fundraising activities or donating please visit www.cancervaccine.org.uk or contact: Emma Appleyard, Fundraising Director, Cancer Vaccine Institute, C/o Rock Cottage, Honey Lane, Selborne GU34 3BZ, 0845 602 0662, emma@cancervaccine.org.uk

Please get in touch for an information pack

Please remember to fill in your name & address details below

HERE IS MY GIFT TO FIGHT CANCER WITH VACCINES

The CVI is committed to finding a better way to treat cancer. Please help us by making a donation today. Thank you.

Full Name _____ Address _____
Post Code _____

I am a UK taxpayer and would like the CVI to claim back the tax on my donations until further notice.

I would prefer to receive my newsletter by email - my email is _____

I no longer wish to receive the newsletter please take me off you mailing list.

I enclose a cheque made payable to the Cancer Vaccine Institute for £ _____

I wish to donate £ _____ by credit card. Please debit my Mastercard/Visa/Switch/Amex card

Card No: _____ / _____ / _____ Card Start date: _____ Expiry Date: _____

Security Code: _____ Switch Issue No _____

Signature _____ Date: _____ / _____ / _____

I'd like to become a Friend and donate regularly. I will pay £ _____ monthly/quarterly/annually to the CVI until further notice starting from _____ / _____ / _____

Bank Name: _____

Address: _____

Account Name: _____ Account No: _____

Sort code: _____ / _____ / _____ Signature _____

Bank ref (CVI use only) _____

Feeling inspired by the accounts of some of our Fundraisers? Would you like to receive more information about raising funds for the CVI? Please tick your interests and return this form.

Parachute Jump

Leaving a Gift in Your Will

The British 10k London Run 2009

Christmas Cards

Overseas Adventures

Give as You Earn/Fundraising at work

London to Paris Bike Ride 2009

Joining a local Fundraising Group

Fundraising for the CVI

Becoming a Friend

Setting up a tribute fund

Using ebay to raise funds for the CVI

Please return to: FREEPOST RLFX-KUKJ-RCZZ, Cancer Vaccine Institute, Rock Cottage, Honey Lane, Selborne, ALTON, GU34 3BZ (No stamp is necessary but using one will save us money)