Newsletter October 2017

Children's Brain Tumour Drug Delivery Consortium

Accelerating Progress in Drug Delivery

Welcome to the second newsletter from the Children's Brain Tumour Drug Delivery Consortium (CBTDDC). This international initiative fosters multi-disciplinary collaborations to accelerate research progress into drug delivery systems to treat brain conditions.

Although set up with a focus on childhood brain tumours, we recognise that research into drug delivery to the brain spans many diseases. We strongly encourage researchers from other disease areas, for example Parkinson's, stroke, Huntington's Disease, to contact us and engage with the collaborative database.

Collaborative database

October has seen the launch of our collaborative research database. This database is freely accessible from our website, enabling individuals to search for researchers with particular expertise with whom they may wish to collaborate.

We believe that this database will offer unrivalled opportunities for open dialogue, sharing of resources and collaborative research.

'Its success will depend on the number of researchers who submit their details for inclusion. We strongly encourage you to help make this a powerful research tool by submitting your details for inclusion. Thank you.'

Conference listing on CBTDDC website

The upcoming conferences that we list in this newsletter are just a snapshot of the full conference listing we have available on our website. To see the full list with clickable links to the conference webpages, have a look here.

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Upcoming Conferences

11-15 Nov - Society of Neuroscience, Washington, USA

15-16 Nov - SNO/SCIDOT Joint Conference on Therapeutic Delivery to the CNS, San Francisco, USA

16-19 Nov - Society for Neuro-Oncology, San Francisco, USA

3-6 Dec - Termis-Americas Annual Conference: Regenerative Medicine, North Carolina, USA

2-6 Jan - Biomedical Engineering Society: Cellular and Molecular Engineering Conference, Florida, USA

17 Jan - Biomaterials Discovery Workshop, Nottingham, UK

8 Mar - The Royal Marsden Neuro-Oncology Conference, London, UK

19-21 Mar - International Conference and Exhibition on Pharmaceutics and Novel Drug Delivery Systems, Berlin, Germany

6 Apr - Annual Blood-Brain Penetrant Inhibitors: Tools, Strategies and Design, San Diego, USA

11-14 Apr - Society for Biomaterials, Atlanta, USA

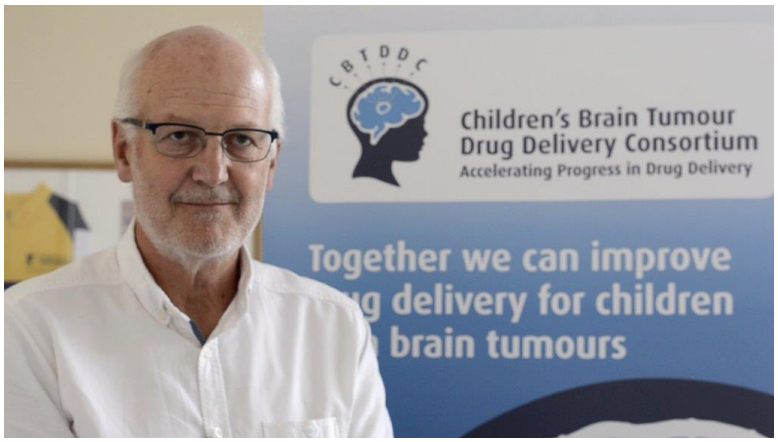
1-3 May - Cancer Research UK Brain Tumour Conference, London, UK

Spotlight

In this newsletter, we introduce the Chair of the Children's Brain Tumour Drug Delivery Consortium, Professor David Walker.

Based at The University of Nottingham, UK, David is a Paediatric Oncologist. In David's words: 'Over the past two decades whilst treating children with brain tumours and contributing to the design of clinical trials, I concluded that systemically administered drugs have had relatively little impact, particularly in malignant brain tumours.'

'Meanwhile, I have seen the outstanding success of treating children with leukaemia using intra-CSF therapy and intensified systemic therapies. This experience has highlighted the need to explore CNS targeting further in childhood brain tumours.'



'Through the CBTDDC, we will make the links between different types of stakeholder that will lead to novel drug delivery systems meeting the needs of children with brain tumours whose current quality of survival is often compromised by the toxicity of their treatment.'

'We realise that what we learn in drug delivery is applicable across age groups. We intend to extend our networks and collaborations to all ages.'

Follow us on Twitter

We have over 500 followers on Twitter @CBTDDC.
We tweet and retweet a range of posts relevant to drug delivery to the brain, such as newly published research papers, talks and conferences, newly awarded grants, relevant videos and animations, and articles describing different methods of drug delivery that are currently available and in development.

Follow us @CBTDDC if you want to hear more.

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Contact details

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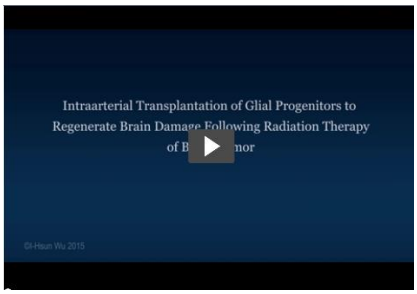
Follow us @cbtddc

Image/video of the month

Intraarterial transplantation of glial progenitor cells to regenerate brain damage following radiation therapy for brain tumours.



Provided by Dr Piotr Walczak from the Johns Hopkins Medicine Department of Radiology and Radiological Science.

If you would like to submit an image/video for future newsletters, please send us the file plus a caption.