

Dear BTS Member,

We would be very interested in any feedback on the BTS Newsfeed, i.e. is this any interest to you? Are we missing anything? Please email comments to editor@thebts.org or get in contact via the BTS LinkedIn group or twitter @BritToxSoc (<https://twitter.com/BritToxSoc>). Please view the following news items, which may be of interest to you:

- **BTS Annual Congress 2018.** Planning for the 2018 congress is now well underway. Details of the programme are on the BTS website and are being updated regularly as the planning progresses. A program is planned that as always, the SSC hopes will have broad appeal across the various Toxicological Sectors represented in the BTS and will allow participants to both update their knowledge and foster new interactions and cross discipline activity. Registration will be open from early October 2017.
<http://www.thebts.org/bts-annual-congress-2018/>
- **BBC News: UK strikes research deal with US in run up to Brexit.** An agreement between the two countries aims to make it easier for researchers to travel, collaborate and share facilities. Possible strategic areas of collaboration include synthetic biology, information technology and GM research.
<http://www.bbc.co.uk/news/science-environment-41340971>
- **Preventing carbon monoxide poisoning through evidence based research and data collection.** Gas Safety Trust hosted a panel of experts to discuss new ways to detect carbon monoxide poisoning, this event was supported by the BTS on 7th September 2017 chaired by Baroness Findlay of Llandaff. This was a successful workshop with lots of new emerging ideas to a seemingly “old” problem.
<http://www.gassafetytrust.org/news-and-press/2017/gas-safety-trust-hosts-a-panel-of-experts-to-discuss-new-ways-to-detect-carbon-monoxide-poisoning>
- **International 3Rs prize.** Each year the NC3Rs awards a prize to highlight an outstanding original contribution to scientific and technological advances in the 3Rs, published in the last three years. The award consists of a £28k prize grant and £2k personal award. Highly-commended entries receive a £4k grant and a £1k personal award. This year's competition is now open for applications with a deadline of 4pm (GMT) on Monday 4 December 2017.
https://www.nc3rs.org.uk/3rsprize?utm_source=newsletter&utm_campaign=September%202017
- **2017 CRACK IT Challenges Competition now open.** This year there is £2.7 million available across three new toxicology-focused Challenges: DARTpaths, DoCE and RespiraTox. SME and academic consortia are encouraged to apply. The deadline for applications for all Challenges is in November 2017.
https://crackit.org.uk/crack-it-challenges/view-challenges?combine=&tid%5B%5D=269&utm_source=newsletter&utm_campaign=September%202017
- **FDA News Release: FDA approves first biosimilar for the treatment of cancer.** The U.S. Food and Drug Administration approved Mvasi (bevacizumab-awwb) as a biosimilar to Avastin (bevacizumab) for the treatment of multiple types of cancer; colorectal, lung, brain, kidney and cervical cancers. Mvasi is the first biosimilar approved in the U.S. for the treatment of cancer.
<https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm576112.htm>
- **Medicines and Healthcare products Regulatory Agency: E-cigarettes: regulations for consumer products.** Updates on the Tobacco Products Directive 2014/14/EU (TPD) rules for nicotine-containing electronic cigarettes and refill containers (Article 20) from May 2016. MHRA is the competent authority for the notification scheme for e-cigarettes and refill containers in the UK and is responsible for implementing the majority of provisions under Article 20.
<https://www.gov.uk/guidance/e-cigarettes-regulations-for-consumer-products>
- **Human iPSC-derived cardiomyocytes: A translational model to predict drug-induced cardiac arrhythmias and long term toxicity.** Human induced pluripotent stem cell (iPSC)-derived cardiomyocytes represent a promising model for in vitro prediction of cardiac arrhythmias.

Recent findings clearly show that Cor.4U cardiomyocytes can be applied to a long-term impedance assay and the results from known drugs perfectly translate to the clinical observations. https://www.technologynetworks.com/drug-discovery/posters/human-ipsc-derived-cardiomyocytes-a-translational-model-to-predict-drug-induced-cardiac-arrhythmias-292584?utm_campaign=NEWSLETTER_TN_ADME%20Tox_2017&utm_source=hs_email&utm_medium=email&utm_content=56669523&hsenc=p2ANqtz--tQKHChZHP29lozYd-vkSDGsubGC30NUFqu465M8DDQJnbsjxkuTXfK0V5ISpDKGmWrRb8A2H-JnJ2aRUNm8S9xYr2UYz06fX-JOD1vR0Tsc-NpM&hsmi=56669523

- **News Medical Life Sciences: Human cell-based methods could better identify asthma-causing chemicals, research suggests.**

Chemicals that could potentially cause asthma through an immune reaction could be better identified with human cell- and computer-based test methods, according to a new research paper co-authored by the Physicians Committee's Kristie Sullivan, M.P.H., in *Applied In Vitro Toxicology*.

<https://www.news-medical.net/news/20170911/Human-cell-based-methods-could-better-identify-asthma-causing-chemicals-research-suggests.aspx>

- **BTS Early Career Prize in Toxicology.** Self-nominations are sought for the BTS Early Career Award in Toxicology. This prize is awarded by the BTS/SSC and the recipient is given a 45 minute lecture slot at the Annual Congress and a monetary prize. You need to be within 10 years of PhD to be eligible excluding periods of maternity or paternity leave. Full details are on the [BTS web site](#). Deadline for Applications – November 30th 2017 for the 2018 Annual Congress.

If you would like to submit any news items, **and in particular details of any courses/meetings that you feel may be of interest to members**, for future News Feed alerts, please email them in the format above to editor@thebts.org.

Kind regards

Your BTS Newsfeed team; Rani Ghosh, Guy Healing, David Jones, David Woolley.

Any views expressed by contributors to the BTS News Feed are those of the individual and not necessarily those of the BTS. The BTS is not responsible for nor endorses the content of external Internet sites. Links are provided for members information and do not constitute acceptance or approval on the part of the BTS.