



Dear Colleagues,

Welcome to the twenty-ninth news and events bulletin issued by the UK National Stem Cell Network (UKNSCN). The bulletin ([scroll down](#)) now includes internal hyperlinks which allow you to jump straight to articles and events which may be of particular interest to you. UKNSCN welcomes your feedback on this enhanced format. These bulletins are circulated every month and are also posted in PDF format on the events section of the UKNSCN website - see <http://www.uknscn.org/events/index.html>. You have received this communication by virtue of your inclusion in the UKNSCN's correspondence list, which UKNSCN operates in accordance with the Data Protection Act 1998.

If you do not wish to be included in this correspondence list, please reply to this message and your E-mail address will be removed. The E-mail correspondence list continues to grow rapidly - it currently stands at around **2200** individuals, covering the following diversity of stakeholders: academics (of many disciplines), industrialists, charities, learned societies, professional associations, lawyers, venture capitalists, regulatory bodies, journalists, MPs and government and Research Council officials. UKNSCN requests that you forward this message to interested colleagues who might not have received it and who may wish to then request that their E-mail address is included. If you wish to contribute items to the next bulletin, issue 30 will be circulated on **27 July 2010**. Thank you.

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NEWS

UPDATE ON UKNSCN THIRD ANNUAL SCIENCE MEETING 2010 – A FEW DELEGATE PLACES STILL AVAILABLE

Delegate numbers for the third UKNSCN annual conference in Nottingham are now approaching 450 with two weeks to go and the trade exhibition is now **full** with all 42 stands taken. **A few delegate places therefore remain available**, and prospective delegates interested in registering at this late stage should contact the UKNSCN's conference organiser Dynamic Events Ltd on (01797) 223626, or send e-mail to ro.hallam@dynamic-events.co.uk. On-line registration closed on 22 June. The final programme, now including the successful abstract authors selected for plenary presentation, is attached for information.

You are reminded that the conference programme includes another series of parallel workshops (8 in total) which will take place on days 2 and 3 of the conference, covering the areas listed below. You may sign up for one of Workshops A-D on day 2, and one of Workshops E-H on day 3, during the on-line registration process. Places are allocated on a first-come-first-served basis and will be restricted to 80 people in all but two cases where the main conference auditorium can be used.

- Workshop A** – Epigenetics and iPS Cells (will take place in the main auditorium due to high numbers)
- Workshop B** – Cancer Stem Cells
- Workshop C** – Regulatory Roadmap for Stem Cell Therapies
- Workshop D** – Future Patenting in Stem Cells
- Workshop E** – Ethics and Social Science in Stem Cells
- Workshop F** – Technology: Cell Culture Optimisation
- Workshop G** – Technology: Imaging and Tracking Cells (will take place in the main auditorium due to high numbers)
- Workshop H** – Technology Adoption by the NHS and Reimbursement

The 2010 conference dinner will again take place on the evening of day 2 (**13 July**) and is booked at [Kelham Hall](#) in Nottinghamshire. **Professor Sir John Gurdon (Cambridge)** - recent recipient of the Lasker Prize - has agreed to deliver the after-dinner speech at this year's event. Sir John follows in the footsteps of Sir Martin Evans and Sir Richard Gardner who spoke at the first two conference dinners in 2008 and 2009 respectively.

Current sponsors of the 2010 conference are: University of Nottingham, Miltenyi Biotec Ltd, Stemcell Technologies Inc., Cyntellect Europe Ltd, the Science and Technology Department of the French Embassy in London, BioCity Nottingham, Medilink East Midlands, Tocris Bioscience, Thermo Scientific, ReNeuron Group plc, and BD Biosciences.

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FOURTH UKNSCN CONFERENCE TO TAKE PLACE IN YORK IN 2011 – 30 MARCH – 1 APRIL 2011

The UKNSCN has now signed a contract with the [University of York](#) for the hosting of the 2011 UK Annual Stem Cell Science Conference. This will take place from **Wednesday 30 March to Friday 1 April**, and marks a return to UKNSCN's more traditional spring slot in the calendar in line with the first and second conferences in 2008 and 2009. Please note the dates in your diaries; for those of you already planning holidays for Easter 2011, the standard school holidays for Easter 2011 fall within the period 11-25 April 2011. This will be the Network's fourth conference, which will continue to showcase the UK's world class stem cell research and translation, complemented by a selection of plenary talks from leading overseas researchers. The conference will continue to feature a trade exhibition which will accommodate 40-50 exhibition stands, and a range of formal sponsorship packages will be available. Please contact the UKNSCN Executive Director (uksa@uknscn.org) if you are interested in sponsoring the 2011 conference.

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ISSCR LAUNCHES NEW WEBSITE ON STEM CELL TREATMENTS

On Tuesday 8 June, the International Society for Stem Cell Research (ISSCR) published a report from its Task Force on Unproven Stem Cell Treatments and launched a new website on: [A Closer Look at Stem Cell Treatments](#). The website is an information **resource** aimed at patients, their families and doctors to provide resources that explain fundamental scientific principles of stem cell biology and their implications for stem cell treatments, outline the widely accepted process of clinical translation, and provide **questions** that a patient and/or caregiver should ask purveyors of asserted stem cell treatments to aid them in making treatment decisions. The ISSCR Task Force developed this website following widespread concern that stem cell treatments are being marketed to patients worldwide for a variety of medical conditions, without having mechanisms in place to promote safety or likely benefit.

The UKNSCN has issued a [press release](#) welcoming the Task Force report and new website which you can view at the link above.

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SWEDISH RESEARCHERS DEVELOP NEW TECHNIQUE FOR LARGE-SCALE CULTURE OF HUMAN ESCs

Recently reported in the journal *Nature Biology*, Swedish researchers at the Karolinska Institute appear to have identified a chemically-defined medium which allows human embryonic stem cells to be cultured and expanded in greater numbers than currently possible through the use of other cells or animal substances. Further information is available in a recent edition of [BioNews](#).

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UKNSCN NINTH PATENTS DIGEST FOR MARCH-APRIL 2010 NOW AVAILABLE

The Network's ninth 'digest' of patents in stem cell research has been produced as usual in conjunction with the UK Intellectual Property Office. This is available as a PDF download from the [UKNSCN website](#). The report covers the period 1 March 2010 to 30 April 2010 and as usual provides a breakdown of both published and granted patents during this period in three areas: adult stem cells, embryonic stem cells and iPS cells/de-differentiation. In addition, we continue to publish the search strategy used to generate this digest. This is available as an Annex to the report. This report is 57 pages long and contains brief bibliographic information on 210 patents designed to enable you to pick out relevant patents and conduct your own further study on the relevant database using the patent number. The report contains:

171 published patents: 109 adult, 35 embryonic, 27 iPS
39 granted patents: 28 adult, 10 embryonic, 1 iPS

The next digest for May/June will be published in mid-July.

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SECOND PUBLIC CONSULTATION ON DRAFT EU GUIDELINES FOR GMP FOR MEDICINAL PRODUCTS FOR HUMAN USE

On 19 April, the European Commission launched its second public consultation on the [draft Annex 2](#) to the EU Guidelines for GMP for Medicinal Products for Human and Veterinary Use. UKNSCN members are invited to be aware of this consultation, which lasts three months and closes on **15 July 2010**, and to provide comments as appropriate via the e-mail addresses given at the link above. Annex 2 is proposed to be revised as a consequence of the restructuring of the GMP guide, the increased breadth of biological products to include several new product types such as transgenic derived products and the Advanced Therapy Medicinal Products (ATMPs) together with associated new legislation. Significant changes have also been made as a result of the comments received from the first consultation.

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NEW ON-LINE INFORMATION RESOURCE LAUNCHED FOR GLOBAL STEM CELL AND REGENERATIVE MEDICINE COMMUNITY

A new UK-based on-line portal for the global stem cell research and regenerative medicine community was launched last month and can be viewed at via [this link](#). This is a comprehensive up-to-date source of information on cell therapies, cell banks, suppliers of GMP manufacturing services, tissues, cells, research centres, networks and news. The resource is called univercELLmarket.

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ON-GOING MEDICAL RESEARCH COUNCIL FUNDING OPPORTUNITIES IN TRANSLATIONAL STEM CELL RESEARCH [UK ONLY]

The UK's Medical Research Council (MRC) continues to operate its new responsive mode funding scheme in translational stem cell research. The first six closing dates for outline proposals to the new [Translational Stem Cell Research Committee \(TSCRC\)](#) have now passed and the next closing date will be on **10 August 2010**. Information on all the closing dates in 2010 is available via the link above or from Catriona Crombie at catriona.crombie@headoffice.mrc.ac.uk.

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MOTOR NEURONE DISEASE ASSOCIATION (MND) FUNDS NEW £800K STUDY USING IPS CELL TECHNOLOGY

Earlier this month, the UK's [Motor Neurone Disease Association \(MND\)](#) announced funding for a new £800k project featuring stem cell research groups from Edinburgh, London and New York. The project will generate patient-derived iPSC lines which the researchers will use to better understand how brain cells grow and why specific cells die in MND patients. Further information is available in a recent edition of [BioNews](#).

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LATEST UK APPOINTMENTS IN STEM CELL RESEARCH AND TRANSLATION

You are reminded that the UKNSCN offers a free advertising service via its website for UK-based appointments in stem cell science and translation. Simply send on a PDF flyer detailing vacancies to the UKNSCN's Executive Director and we will do the rest. [New vacancies](#) are being posted on a regular basis now, so you are invited to take a look.

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UKNSCN SMALL AWARDS SCHEME – REMINDER ON FUNDING FOR MEETINGS

You are reminded that the [UKNSCN Small Awards Scheme](#) for 2010/11 still has funds remaining for applications from academics seeking to offset the costs of hosting/organising national-level meetings which cross the various disciplines of stem cell science and translation. View the link above for the scheme criteria, amount of funding available and application process.

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Next Meeting of the UK Cardiovascular Collaborative on Stem Cells, London, UK, 1 July 2010

The next meeting of the UK Cardiovascular Collaborative on Stem Cells will take place at University College London (Tavitt Street) on 1 July from 10am to 2pm. The nearest tube station is Euston Square. Attendance is open to all and is free, though you should **register in advance** by contacting Mrs Vanessa Perrin at: v.perrin@ucl.ac.uk. The programme for the meeting is attached to this bulletin and includes presentations from cardiovascular researchers at the Royal Veterinary College.

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Cancer Research UK London Research Institute Stem Cell Club Meeting, London, UK, 26 July 2010

Cancer Research UK's London Research Institute hosts an **evening Stem Cell Club** meeting every two months at 44 Lincoln's Inn Fields in London. Organised by Dominique Bonnet, these 'club' meetings are aimed primarily at young investigators and young group leaders who are establishing their laboratory. The remit of the club is wide, covering basic and applied research involving all types of stem cells. The fourth club meeting of 2010 takes place on **26 July** and further details are available via the [London Research Institute website](#). Meetings typically run from 5.30pm to 7.30pm, unless otherwise advertised.

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Tissue and Cell Engineering Society (TCES) 2010 Annual Conference, Manchester, UK, 28-30 July 2010

The TCES is holding its 2010 annual conference at the University of Manchester from 28-30 July 2010. An exciting programme of speakers includes a UKNSCN-sponsored keynote presentation by Matthias Lutolf from Lausanne, Switzerland, who will speak on designing materials to direct stem cell fate. The conference dinner on the evening of day 2 (29 July) will be held at the Manchester Museum of Science and Industry Air and Space Hall. Interested delegates can still register on-line via the [TCES website](#). This excellent cross-disciplinary conference is being hosted by Drs Julie Gough and Stephen Richardson from the Schools of Materials and Biomedicine.

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European Workshop on Skin Stem Cells, Cambridge, UK, 31 August – 2 September 2010

Sponsored by the EMBO Young Investigators Programme, the University of Cambridge is hosting a workshop titled *Stem Cells in Skin – From Morphogenesis to Cancer Development* from 31 August to 2 September 2010. This will take place at Sidney Sussex College, University of Cambridge. [On-line registration](#) and programme information are now available and the deadline for the submission of abstracts is **15 August**. A number of abstracts will be selected for oral presentation at the workshop. The contact point for further information is Dr Michaela Frye: michaela.frye@cancer.org.uk.

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Third Annual Limbal Stem Cell Meeting, Reading, UK, 10 September 2010

The University of Reading is hosting the third annual meeting for the UK limbal stem cell community on 10 September. Registration for this meeting is free, but places are limited. The meeting includes two keynote speakers sponsored via the UKNSCN's [Small Awards Scheme](#): Professor Friedrich Kruse from the University of Erlangen-Nürnberg in Germany, and Dr Dek Woolfson from the University of Bristol. To attend this meeting, please access the [on-line registration](#) site. Alternatively, further information is available from Dr Che Connon at: c.j.connon@reading.ac.uk.

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Hydra IV European Summer School on Stem Cells & Regenerative Medicine, Hydra, Greece, 11-17 September 2010

The EuroStemCell FP7 consortium's highly successful summer schools continue this year with the sixth event again taking place in Greece in September, organised by Austin Smith and Clare Blackburn. This year's course will provide intensive training on fundamental concepts and contemporary issues in stem cell biology. Leading experts will provide an in-depth, week-long programme of lectures, workshop and discussion groups on the following:

- The biology of stem cells – embryonic, foetal and adult systems
- Plasticity, epigenetic regulation, signalling and niche
- Clinical applications and clinical trials
- Ethics and patents in stem cell research

Further information is available from the [EuroStemCell consortium's website](#), though please note that the deadline for applications to attend the summer school **passed on 30 April 2010**. Another summer school will be held in 2011.

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Third GPI World Stem Cell Summit, Detroit, Michigan, USA, 4-6 October 2010

The US-based Genetics Policy Institute (GPI) is holding its third World Stem Cell Summit in Detroit, Michigan from 4-6 October 2010. Further information about the programme and venue is available via the [summit's website](#).

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HealthTech and Medicines Knowledge Transfer Network 7th Annual BioProcessUK Conference, Manchester, 24-25 November 2010

The HealthTech and Medicines KTN is hosting its seventh annual BioProcessUK conference at the Midland Hotel in Manchester from 24-25 November 2010. This is being underpinned by Bionow. The programme will centre upon the theme of *Building Success Through Innovation* and [on-line registration](#) is now open (fees apply).

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Masters (MSc) Course in Nanotechnology and Regenerative Medicine, University College London

The [MSc in Nanotechnology and Regenerative Medicine](#) is a brand new course run by the UCL Centre for Stem Cells and Regenerative Medicine which starts in September this year. The course is believed to be the first one focusing on nanotechnology applied to regenerative medicine, and places are available for one year's full-time or two years' part-time study. The closing date for this year's entry is **1 August 2010**. For further information, view the link above or contact Prof Alexander Seifalian at a.seifalian@ucl.ac.uk.

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Masters (MRes) Research Programme in Tissue Engineering for Regenerative Medicine, University of Manchester

The [Masters by Research in TERM](#) is a new and pioneering one-year collaborative degree course combining expertise from a number of multi-disciplinary research groups across the University of Manchester. It aims to provide skills training and expertise in the practical techniques fundamental to tissue injury and repair including:

1. Core technologies relevant to tissue repair, engineering and regeneration
2. The use of 'smart' biomaterials and biopolymers to repair and regenerate tissues
3. Approaches to cell sourcing and cell differentiation
4. Developing clinical trials and the challenges of commercialisation

The MRes TERM provides training beyond the traditional boundaries of biology, medicine and engineering. It is unique as it is directed at students seeking to forge a career in tissue engineering and stem cell technology in either an academic or commercial setting. This allows students to specialise and focus on independent research projects tailored towards their career aspirations. Housed within the recently built UK Centre for Tissue Regeneration (UKCTR) the MRes combines two independent research placements to allow students the opportunity to experience a range of techniques. This follows a series of master classes covering aspects of cell sourcing, bioengineering and the barriers to commercialisation. With industrial input from the likes of Smith & Nephew, the MRes provides an ideal platform for career progression into PhD training, commercial settings or medical specialisation.

The course was fully subscribed for 2009/10 entry. If you are interested in applying for 2010/11 entry, please visit the University of Manchester website at the link above.

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Masters (MSc) Course in Stem Cell Technology, University of Nottingham

In response to the urgent need to train new graduates in the emerging stem cell field, the University of Nottingham launched its [MSc in Stem Cell Technology](#) in October 2007. This one year, full-time course is an innovative project designed to introduce science, agriculture and medical graduates throughout the world to the cutting edge of stem cell research and wide-ranging applications. Taught in Nottingham's state of the art Wolfson Centre for Stem Cells, Tissue Engineering and Modelling (STEM) by world-class researchers, students will gain both theoretical and practical knowledge of stem cells and how they can be applied to biotechnology and human health. This course is intended to provide a strong foundation for those wishing to pursue further careers in stem cell scientific research, in legislative/ managerial aspects of stem cell technologies, in clinical regenerative medicine and in stem cell commercialisation. Further information can be found at the link above or by e-mailing mscstem@nottingham.ac.uk.

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Masters (MSc) Course in Stem Cell and Regenerative Medicine, University of Sheffield

This new [masters course](#) has been developed in response to increasing international demand for training in generic aspects of stem cell science and regenerative medicine, which benefit a wide spectrum of applications. The course content is provided through collaboration between the Department of Biomedical Science, School of Medicine and Biomedical Sciences and three of the UK's most prestigious research Centres - The Centre for Developmental and Biomedical Genetics, Centre for Biomaterials and Tissue Engineering and Centre for Stem Cell Biology. The set of skills, knowledge and expertise that underpin the content of this course are unique to the University of Sheffield. Regenerative medicine using cell and tissue replacement therapies holds great promise for the future treatment of human disease. Hopes for the success of such therapies rely upon a thorough understanding of the biological processes that control the pluripotency, self-renewal and differentiation capacities of stem cells and their progeny. One challenge is to identify factors that regulate stem cell renewal and differentiation. Many of these processes are fundamental to normal embryonic development. Experimentally tractable model organisms, such as mouse, chick as well as *Drosophila* and zebrafish are proving useful in studying the fundamental molecular mechanisms underlying the commitment of totipotent or pluripotent cells to specific lineages and their subsequent differentiation into distinct tissues or organs. Complemented by molecular genetic and *in vitro* approaches using human embryonic stem cells and embryonic carcinoma cells, current research efforts are poised to make regenerative medicine a reality, and may lead to new treatments for a number of conditions including Parkinson's disease, diabetes, and hearing loss. For further information on the course see the link above or contact Professor Steve Winder s.winder@sheffield.ac.uk.

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Masters (MRes) Research Programme in Regenerative Medicine, University of Bath

The Department of Biology and Biochemistry has been running a one-year, full time taught [MRes degree in Regenerative Medicine](#) since October 2004. The programme is run in association with the Bath Centre for Regenerative Medicine (BCRM), an interdisciplinary group from four sectors of the University. The programme focuses in particular on modern research in developmental biology and tissue engineering and its potential applications to medicine. It encompasses activities such as stimulating tissue regeneration *in situ*, grafting of stem cells to bring about repair, causing transdifferentiation of one tissue type into another, and creating functional tissues and organs by tissue engineering. Consisting of a range of taught units, together with a number of research projects, this degree enables students to gain practical and theoretical experience in a number of laboratories as well as studying taught Masters level units (courses). It is designed to give the student an insight into a range of research activities, techniques and skills, as well as to widen their knowledge both of the subject itself and the context within which the research will take place. It also provides a range of generic skills training in line with the Joint Skills Statement of the Research Councils. The MRes in Regenerative Medicine provides the ideal training for students to proceed to a three-year PhD programme, with a competitive edge in relation to undergraduate students applying for doctoral studies. The increased breadth and experience gained during the MRes in Regenerative Medicine will also make graduates more suitable to work in industry where a working knowledge of the nature and demands of academic research is needed. For further information, please see the link above.

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Masters (MRes) Research Programme in Stem Cells and Regenerative Medicine, North-East England Stem Cell Institute (NESCI)

The North East England Stem Cell Institute (NESCI) - a collaboration between Durham University, Newcastle University and the region's NHS Trusts - completed the first intake into the [Stem Cells and Regenerative Medicine MRes programme](#) in 2007. Students register on the Stem Cells and Regenerative Medicine specialisation within Newcastle University's MRes in Medical and Molecular Biosciences, a one year full-time modular research degree. The programme includes advanced study of stem cell biology, research skills and a 24-week research project. The programme provides a springboard into a career that involves a working knowledge of scientific research in academia and industry and provides excellent preparation for PhD research studies. Teaching is provided by internationally-recognised researchers at both universities drawn from across the wide breadth of biological, biomedical and medical sciences. Research projects are available in both Durham and Newcastle. For further information, view the link below or send e-mail correspondence to office@nesci.ac.uk.

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Masters (MSc) Course in Biomedical Engineering, Cell & Tissue Engineering, Keele University

This [taught Masters Course](#) provides multidisciplinary postgraduate training in biomedical engineering and cellular engineering, building on undergraduate knowledge in basic science and applying it to clinical applications of bioengineering and cell/tissue engineering relevant to the healthcare environment. Modules covered by this course include 'stem cell therapy', 'cell biomechanics', 'cell and tissue engineering', and 'physiological measurement and medical imaging'. There are two student intakes per year - one in October and one in January. Students can study full or part time. Prestigious scholarships are available for this course. Students perform two semesters of lectures followed by direct research project experience in the laboratory-based third semester. These research projects offer students hands on training in state of the art areas such as adult and embryonic stem cell culture, optical coherence tomography and bioreactor design. A seminar series is also offered throughout the first two semesters where students have the opportunity to be taught by and interact with international leaders in the field of bioengineering.

These courses are run within the Institute of Science and Technology in Medicine at Keele University. ISTM has been rated in the national 2008 Research Assessment Exercise that 90% of the research staff here are rated internationally and 10% of the staff are world leading in their field. This builds on our excellent 5* rating given to the Institute at the last RAE in 2001. In summary, the MSc Biomedical Engineering, Cell & Tissue Engineering course provides a year's training in two biotechnology fields. Further information is available at the link above.

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Masters (MSc) Course in Medicine, Science and Society, King's College London

What is the impact of President Obama's policies on the global economy of embryonic stem cell research? What ethical and regulatory issues does the current boom of personal genome tests raise? Issues like these lie at the core of the [MSc Medicine, Science & Society](#) at the Centre for Biomedicine & Society (CBAS), King's College London. This MSc explores new and important areas for Science and Technology Studies (STS) and the social sciences, ranging from stem cells to nanomedicine. It explores the implications of innovative biomedicine for identities, innovations, bioethics, regulation, science, medicine, and healthcare. The MSc is well suited to social science, science and humanities graduates, as indicated in the [course flyer](#). Full/part-time options are available.

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Masters (MA) Course in Bioethics and Society, King's College London (New for 2010)

Developments in the biosciences raise important ethical issues that are increasingly being addressed by multidisciplinary research teams from the fields of philosophy and social science through, for example, the Wellcome Trust Strategic Award that created the [London and Brighton Translational Ethics Centre](#) (hosted at CBAS). This innovative [MA in Bioethics & Society](#) enables students to combine philosophical ethics modules taught by staff at the world famous Centre of Medical Law & Ethics (CMLE, School of Law) with social science and ethics modules from our CBAS [MSc in Medicine, Science & Society](#). Students will be able to pursue their Dissertation with staff from CBAS and/or CMLE. Full/part-time options are available.

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Masters (MSc) Course in Biomedicine, Bioscience and Society, London School of Economics

This Masters course provides the chance to study social aspects and implications of recent developments in bioscience, biomedicine and biotechnology in the only specialist institution for the social sciences in the UK. The programme offers teaching by staff active in current research on social aspects and implications of bioscience, biomedicine and biotechnology who are renowned in their fields, across the social sciences; an opportunity to benefit from the exciting range of research projects and staff associated with the BIOS research centre; and the chance to consolidate or extend your knowledge of social aspects of the life sciences and biomedicine. The course is suitable for those with diverse requirements: those with a medical or bioscience background wishing to change to study social aspects of bioscience; those interested in the sociology of science and technology with a particular focus on the life sciences and biomedicine; those aiming for a career in science policy; those from less developed countries wishing to be involved in the making of their own science and technology policy in this key area; or those wishing to proceed to advanced research in social aspects of the life sciences. Further information about the course and the applications process is available via the [LSE website](#).

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INFORMATION

UPDATE FROM THE UK STEM CELL BANK

Meetings and Events

First UK Stem Cell Bank Open Forum

The former 'Clinical' and 'User' Liaison Committees, which provided the UK stem cell community's feedback mechanism to the Steering Committee for the UK Stem Cell Bank and for the Use of Stem Cell Lines, ceased to exist in 2009 and have now been replaced by an annual UK Stem Cell Bank Open Forum. The first of these events will be held at the UKNSCN annual meeting in Nottingham on Wednesday 14 July at 12:45pm. If you still wish to register for this event, but are not attending the full three-day conference, please contact the UKNSCN's conference management company Dynamic Events Ltd via Ro Hallam (ro.hallam@dynamic-events.co.uk). Several staff from the UKSCB will attend the upcoming UKNSCN Annual event in Nottingham. Come and meet us at our exhibition stand in the East Midlands Conference Centre.

UKSCB at ISSCR, 16-19 June

At this year's ISSCR meeting, the UKSCB organised a satellite meeting on clinical grade facilities for cell therapy and stem cell banking. This attracted 160 delegates and the details and abstracts are available in the following link: http://www.isscr.org/meetings/stem_cell_facilities_satellite.cfm. The UKSCB again teamed up with the UKNSCN to share an exhibition stand at the ISSCR Annual Stem Cell Conference in San Francisco. This is proving to be a very effective way of delivering the UK stem cell presence at these meetings and we look forward to welcoming you to our joint stand at future meetings.

Cell Line Availability

A detailed list of stem cell lines **currently available and supplied free of charge** from the UKSCB can be found on our website. These are all **human embryonic stem cell lines** intended solely for research purposes. In addition, there are cell lines banked, of which some are awaiting release in the very near future, including the first **foetal neural stem cell line**.

New Deposition and Access Legal Agreements

The UKSCB has developed new legal Agreements to address Deposition and Access of human embryonic stem cell lines to use for research purposes only. The new agreements are now undergoing consultation and will become available to download from our website as soon as this process is completed: <http://www.ukstemcellbank.org.uk>.

UKSCB On-line Survey

We would like to thank all those who have responded to our on-line survey. We are still interested to hear from you. If you have not already submitted a response we would be grateful if you could take a few minutes to fill out the **online survey** by visiting <https://www.surveymonkey.com/s/M9SQNNF>. The purpose of this survey is to help us improve current services and identify new products or services we could provide, that would be of use to you.

Recent Publications

- Stacey GN (2010) Current Developments in Cell Culture. In: New Technologies for In Vitro Toxicology, Eds Bhogal, N., Balls, M., Landes Bioscience/Eurekah, in press
- Stacey, GN. and Merten, O-W (2010) Host Cells and Cell Banking. In: Viral Vectors for Gene Therapy: Methods and Protocols. Eds *Al-Rubeai M. and Merten O-W*, Springer Science+Business Media LLC, in press.
- Stacey, G.N. (2010) Cell Culture Contamination. In: Cancer Cell Culture: Methods and Protocols. Ed Cree, IA., Springer Science+Business media LLC, in press.

Get to Know the UK Stem Cell Bank

In June, the UKSCB visited the University in Cardiff and met with local scientists. During 2010, the Bank will continue to run a series of 'roadshow' events across the UK. **We welcome enquiries from scientists, clinicians and companies to arrange a meeting with us in their region.** The roadshows provide a great opportunity to meet representatives from the Bank, hear about the Bank's current activities and provide us with feedback on what you feel the Bank should be doing for you.

To contact the UKSCB please email at enquiries@ukstemcellbank.org.uk

Dr Iphigenie Charatsi, UKSCB Business Manager

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UK Stem Cells On-line Regulatory Toolkit

You are reminded that the Department of Health's *On-line UK Stem Cell Toolkit* for navigating the UK's regulatory framework for stem cell research and translation remains available via the [DoH website](#).

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Scottish Stem Cell Network (SSCN) Quarterly Newsletters Available Online

The SSCN issues quarterly newsletters in hard copy, which are also now available online via the [SSCN website](#). The most recent issue (spring/summer 2010) is available.

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European Human Embryonic Stem Cell Registry Sixth Newsletter Available

Europe's hESC Registry recently published its [sixth newsletter](#) on-line. This contains a mine of useful information on the regulation and banking of hESCs across the globe, and includes a photograph of the UK Stem Cell Bank's brand new GMP research facility for clinical-grade human embryonic stem cell lines.

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REMEDiE EU Framework Programme 7 Consortium: Stakeholder Survey on Regenerative Medicine

The Regenerative Medicine in Europe (REMEDiE) FP7 consortium, centred on the University of York, invites you to participate in its on-going [on-line stakeholder survey](#) designed to gauge the full extent of the regenerative medicine industry in Europe. The on-line survey, aimed at business, is accessible at the link above.

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Medical Research Council (MRC) Experimental Medicine Toolkit

Launched by the MRC Regulatory Support Centre, the Experimental Medicine Toolkit has been designed to support investigators, research managers and ethics committees in (a) assessing the risks involved in experimental medicine studies, and (b) devising risk-proportionate management and monitoring strategies. This is undoubtedly of use to stem cell researchers and clinicians. Further information is available on the [toolkit homepage](#).

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Economic and Social Research Council (ESRC) Stem Cell Initiative Electronic Bulletins

The ESRC Stem Cell Initiative has been issuing quarterly electronic bulletins to report on the latest social science research in stem cells and regenerative medicine. The **sixth** and final issue continues to be available via the [University of York website](#) and reports on the *Beyond Pattison* conference which took place in London on 7/8 May 2009. There are updates on research activities and events which are of particular interest to stem cell social scientists. If you require further information on the ESRC Stem Cell Initiative, you can request this by E-mail from Andrew Webster at ajw25@york.ac.uk.

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ESRC Genomics Network Research Briefing on HFE Act 2008 – Now Available Online

This [research briefing](#) was prepared in conjunction with a workshop organised by the ESRC Genomics Policy and Research Forum, held on Thursday 8 October at the ESRC Genomics Network Conference 2009, Cardiff. This workshop brought together new research on the Human Fertilisation and Embryology Act 2008 from current PhD students and recent PhD graduates, from the ESRC Genomics Network and beyond. For more information please contact Dr Christine Knight, Genomics Forum Policy Research Fellow; e-mail Christine.knight@ed.ac.uk.

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EuroSciCon Meetings and Conferences of Relevance to the Stem Cell Community

Founded in 2001, the life sciences communications organisation EuroSciCon has a number of very specific meetings organised over the next two years which are relevant to the stem cell research community. These are commercial workshops attracting CPD accreditation in most cases. However, you may be entitled to a discount as a UKNSCN member in some cases. Discounts may apply to future meetings on *Induced Pluripotent Stem Cells* and *Flow Cytometry Techniques*, for which a booking code is available from the UKNSCN. If you are interested, please view the [EuroSciCon website](#).

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