



GSCN-Newsletter

Dear GSCN members, friends and colleagues,

May 2017

- 1) Deadline Abstract Submission and early bird registration: 31 May 2017
- 2) Application deadline for non-PI-Meeting on 14 September 2017 in Jena: 31 May 2017
- 3) Annual GSCN Magazine “Stem Cell Research: Potentials & Perspectives” online
- 4) GSCN developed material for high schools: “Stammzellen verstehen – die Konferenz für die Schule”
- 5) GSCN booth at the 9th International Meeting of the Stem Cell Network, North Rhine Westphalia in Muenster
- 6) News from the field

1) GSCN Conference 2017: Deadline Abstract Submission and early bird registration: 31 May 2017

The deadline for the [early bird registration](#) and [abstract submission](#) (considered for oral presentation) is coming on 31 May 2017.

Abstracts can be submitted to these scientific sessions:

- Pluripotency and reprogramming
- Somatic stem cells and development
- Hematopoietic stem cells
- Stem cells in diseases: cancer stem cells
- Stem cells in regenerative therapies
- Stem cells in disease modeling and drug development
- Computational stem cell biology

2) Application deadline for non-PI-Meeting on 14 September 2017 in Jena: 31 May 2017

As a satellite event to the conference the **non-PI meeting** will be held on 14 September 2017 in Jena. In the registration process for the conference Students and Postdocs have the possibility to **apply to participate in the non-PI meeting until 31 May**. It offers the unique opportunity to discuss not only your most recent and exciting data but, but to also cast some light on seemingly tough problems and hurdles that you are struggling with in advancing your project. Participation is free of charge, a social evening and accommodation on the 13th of September will be covered by the GSCN.

3) Annual GSCN Magazine “Stem Cell Research: Potentials & Perspectives” online

The new Annual Magazine of the German Stem Cell Network with the title “Stem Cell Research: Potentials & Perspectives” has been published. It contains articles about the GSCN conference in Hannover, a close look at the GSCN White Paper and its international comparison of public research funding, an insight of new projects in stem cell research in Germany, a report about starting and ongoing clinical trials and an overview about public outreach and career development as stem cell researcher.

It is available as PDF in English and German on the GSCN website ww.gscn.org or it can be ordered from the GSCN central office (office.gscn@mdc-berlin.de) as print copy (a small charge may apply).

4) GSCN developed material for high schools: “Stammzellen verstehen – die Konferenz für die Schule” – online 10 May 2017

The GSCN developed together with the Schering Stiftung new material (in German) for teaching biology / stem cell research in high schools. Together with a team of scientists and pedagogics, we created four modules about basics, ethics, genetic and therapy with stem cells and it is a very open, downloadable, educational tool for teachers and students. The didactic pattern is a conference; the students slip into the role of scientists and pitch, give key notes, present posters and have expert tables – all about stem cells.

The material is newly designed and editable and can be downloaded as PDF or as open format. Please check it out at www.stammzellen-verstehen.de and please spread the news about it in your networks for teachers and students.

5) GSCN booth at the 9th International Meeting of the Stem Cell Network, North Rhine Westphalia in Muenster

Drop by and say HELLO at the GSCN booth at the 9th International Meeting in Muenster on 16 & 17 May. We will present our new school material and other information material of and about the GSCN. See you in Muenster!

6) News from the field March / April 2017

[Genome Editing with human cells: experts publish discussion paper of the Leopoldina \(GSCN\) \(DE\)](#)

New molecular biology methods, which allow specific interventions in the genome, open up promising possibilities in research and application. However, the methods known under the terms genome editing and genome surgery also require a general discussion of ethical and legal issues. This is especially true with regard to research on human cells. 29.3.2017

[\(press text\)](#)

[Mini-Brains from the dish \(GSCN\) \(DE\)](#)

A new method could support the research of developmental disorders of the brain to take an important step forward. This is shown by a recent study at the University of Bonn.

4.4.2017

[\(press text\)](#)

[A Pioneer of stem cell therapy \(GSCN\) \(DE\)](#)

Professor Dr. Anthony D. Ho retired after more than 40 years. It is the end of an impressive career that is closely linked to the Heidelberg University Hospital. In February, Prof. Dr. Anthony D. Ho was retired after 19 years as a medical director of the Department of Hematology, Oncology and Rheumatology and over 40 years at the Clinic. His successor is Professor Dr. Carsten Mueller-Tidow from Halle.

5.4.2017

(press text)

An interactive Art-Project with neurons derived from iPS cells

cellF is the world's first neural synthesizer. It is a real "wet-analogue" Synthesizer. cellF's "brain" is made of a biological neural network that grows in a Petri dish and controls in real time an array of analogue modular synthesizers that were custom made to work in synergy with the neural network. It is a completely autonomous, wet and analogue instrument.

Movie about the project: www.youtube.com/cellF

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