



Dear GSCN members, friends and colleagues,

December 2019

the year 2019 is coming to an end and we are looking back on our recent highlights of the German Stem Cell Network:

- 1) Excellent 7th Annual GSCN Conference in Berlin, check out the [video](#) and the [pictures online](#)
- 2) The cooperation with the BIH as a milestone for future development
- 3) New movies about stem cell researchers in German and English
- 4) Wanted: Fascinating Stem Cell Pictures
- 5) GSCN members – send us your scientific publications links!
- 6) News from the field

Looking towards 2020, we would like that all of you continue to be an active part and partner in our network. We are open for your ideas and suggestions – let's build an even better network.

1) The 7th Annual GSCN Conference in Berlin

The 7th Annual GSCN Conference 2019 was again a scientific highlight of the year – we welcomed more than 400 participants and attracted 29 companies to the Max Delbrück Center (MDC) in Berlin from 23 - 25 September 2019. It was a diverse and fascinating program and the feedback was very positive – thank you for all your input.

Interested in impressions? The conference pictures are online [here](#).

The GSCN produced a [conference video in Berlin](#) – as a memory and as a teaser for future meetings – please check it out and use it for your outreach.

The 8th GSCN Conference will be in Ulm from 23 to 25 Sept. 2020 – please save the date!

2) The cooperation with the BIH - a milestone

The cooperation with the Berlin Institute of Health BIH is a milestone for the future development of the German Stem Cell Network. Starting from 1 January 2020, the BIH will financially support the GSCN. We are looking forward to a great cooperation and exciting joint projects.

3) New movies about stem cell researchers in German and English

The [media center](#) of the GSCN is growing with new films about the research topics of **Hartmut Geiger** (Aging and stem cells, Ulm) **Petra Reinke** (ATMPs and GMP Facility, Berlin) and **Carsten Müller-Tidow** (Hematology and Oncology, Heidelberg). The videos are in German and English and are very suitable to be shown in front of students or a general public – please feel free to use them.

4) Fascinating Stem Cell Pictures?!

Who has got the most fascinating and beautiful stem cell pictures and would like that they are featured in the GSCN Annual Magazine 2019/2020 in its printed and online version? Please contact Stefanie Mahler (Stefanie.Mahler@mdc-berlin.de) and send the images in the highest resolution possible along with a short description and a copyright information about the photographer. We are looking forward to your pictures!

5) GSCN members – links to scientific publications and referring articles

The website of the GSCN hosts a news section where articles are linked that concern scientific publications, stem cell research and ethical, legal or political issues of stem cell research. We would like to encourage the GSCN members to mail links of their publications and articles about those publications (mail to Stefanie Mahler: stefanie.mahler@mdc-berlin.de). That way we could assure a wider coverage of scientific publications in the GSCN news section – to your information and delight. Thank you!

6) News from the field

Insight into the genome's dark matter (GSCN)

19.11.2019

Expansions of DNA repeats can lead to diseases but are very hard to analyze. A method developed by researchers at the Max Planck Institute for Molecular Genetics in Berlin allows for a detailed look at these previously inaccessible regions of the genome. It combines nanopore sequencing, stem cell, and CRISPR-Cas technologies. The method could improve the diagnosis of various congenital diseases and cancers in the future and has been published in *Nature Biotechnology*. ([press text](#))



Merry Christmas, happy holidays and all the best for 2020!

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