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MAX PLANCK INSTITUTE
FOR THE SCIENCE OF LIGHT

NEWS

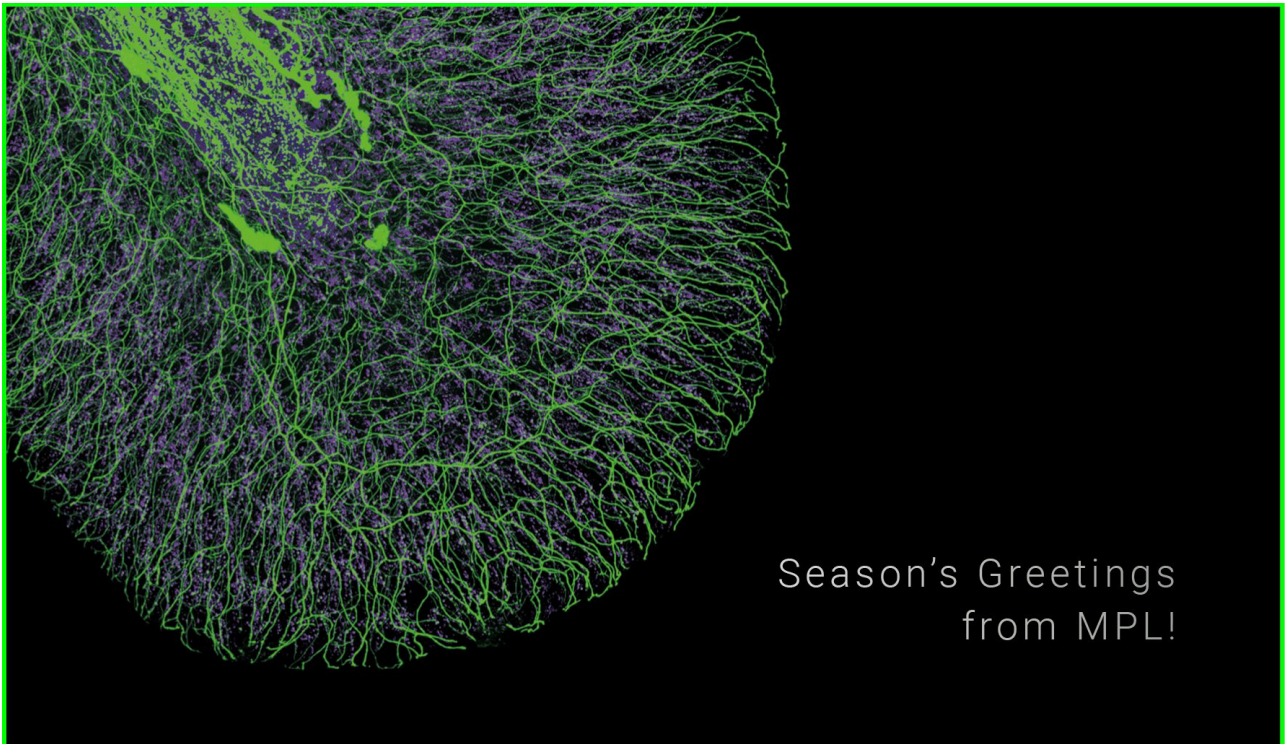
from the **Science of Light**

Dear ,

Here you can find news about research and people from our institute.
Enjoy reading our December issue!

Yours sincerely,

Max Planck Institute for the Science of Light (MPL)



Season's Greetings
from MPL!

Research

MPL joins Mastodon

At MPL we don't just want to do excellent research, we also want to share what we learn. And with recent developments we believe a good place for us to fulfill our roles as scientific communicators is Mastodon. > **MORE**



Publications

Small molecule inhibitors of mammalian glycosylation

A team around MPL research group leader Leonhard Möckl has published an extensive review of small molecules for inhibition of mammalian cell surface glycosylation. In this review, they surveyed the arsenal of currently available inhibitors, focusing on agents which have been independently validated in diverse systems. They highlighted the utility of these inhibitors and drawbacks to their use, emphasizing the need for innovation for basic research as well as for therapeutic applications.

Karim Almahayni, Malte Spiekermann, Antonio Fiore, Guoqiang Yu, Kayvon Pedram, Leonhard Möckl, Small molecule inhibitors of mammalian glycosylation, Matrix Biology Plus, Volume 16, 2022, 100108, ISSN 2590-0285,

Events

Gymnasium class visits MPL

A class from the Christian-Ernst-Gymnasium in Erlangen visited the MPL on December 1st. The group of 12th grade physics students were shown a presentation on cell evolution and several different workspaces from a lab of the Singh research group to the fibre drawing and mechanics workshop. > **MORE**



People

Michael Frosz chosen as primary guest editor of special IEEE issue

Michael Frosz, the head of the Fibre Fabrication & Glass Studio at MPL, has been asked to serve as primary guest editor of a special issue on "Advances and applications of hollow-core fibers" in the IEEE Journal of Selected Topics in Quantum Electronics (JSTQE). > **MORE**

Jobs

Postdoctoral Position in Molecular Quantum Optics: Would you like to work in a highly motivated research team that aims to understand and control the interaction of quantum emitters, in particular organic molecules, with their nanoscopic environment and with each other? > **MORE**

Postdoctoral position for developing a novel source of squeezed light for quantum imaging: Do you have a strong grasp of experimental optics as well as quantum and nonlinear optics? Are you interested in a project that will build sources of pulsed squeezed light for future use in a quantum-enhanced Raman microscope? > **MORE**

Looking for a Master's degree or Ph.D. at the forefront of optics?

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