

# IGSN - SYMPOSIUM

Monday, March 23<sup>rd</sup> 2026 • 15.00 (3 pm)

FNO – 01 / 117

## Unveiling Insights into Glaucoma: Pathology, Cell Death Mechanisms, and Novel Therapeutic Strategies

**STEPHANIE JOACHIM**

Experimental Eye Research Institute, Department of Ophthalmology, Medical Faculty, Ruhr-University Bochum, Germany

### Organ Culture Models as a Platform to Test Novel Neuroprotective Treatments for Glaucoma

This talk highlights the use of a porcine retina organ culture model as a platform to evaluate possible neuroprotective strategies in glaucoma. Several novel neuroprotective agents, including Coenzyme Q10, HSP27 inhibitors, or Fucoidan, will be introduced. Especially their effects on retinal ganglion cell survival and neuroinflammatory responses.

**Host:**

**WANYUN QIN**

Experimental Eye Research Institute, Department of Ophthalmology, Medical Faculty, Ruhr-University Bochum

**Guests are welcome!**

