



DOG

Deutsche Ophthalmologische
Gesellschaft

First Announcement Age-Related Macular Degeneration

VII. International DOG-Symposium on AMD

September 20 – 21, 2019
Baden-Baden, Germany

Faculty (as of December 2018)

Jay Ambati, Charlottesville, USA

Rajendra S. Apte, St Louis, USA

Nicolas Bazan, Louisiana, USA

Alan C. Bird, London, GB

Pete Coffey, London, GB

Christine Curcio, Birmingham, USA

Emily Chew, Bethesda, USA

Andrew Dick, London, GB

Adam Dubis, London, GB

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Homepage and online registration
www.AMD2019.org

Dear Colleague,

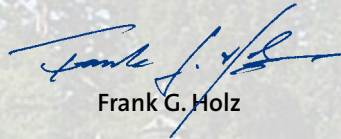
during recent years there have been major advances in understanding pathogenetic factors in multifactorial complex age-related macular degeneration (AMD). The recent revolution in genetic, and molecular biological studies as well as imaging and artificial intelligence has contributed significantly to our understanding of AMD. However, many open questions are still to be addressed. We are approaching an era of new targets for therapy based on better differentiation, refined phenotyping and predictive markers of age-related macular disease. Four years after the last international Baden-Baden AMD meeting it appears timely to review emerging concepts. We would like to invite you again to beautiful Baden-Baden in the heart of the Blackwood Forest to the

VII. International DOG-Symposium on AMD
Age-related Macular Degeneration
– Understanding Pathogenetic Mechanisms of the Disease –

We look forward to welcoming you in Baden-Baden.



Daniel Pauleikhoff



Frank G. Holz

Subjects to be covered include

- Cellular structures – computational biology of the macula
- Precision medicine, biomarkers and age-related macular degeneration
- AMD genotype – phenotype correlation?
- Using cell lines – identify, model and validate AMD risk factors and disease drivers
- Inflammasome in AMD
- Energy metabolism in the outer retina energy of the macula
- Animal model for AMD interfering lipid trafficking
- Understanding disease mechanisms in AMD:
from serum biomarkers to an organ-on-a-chip model for AMD
- Imaging and artificial intelligence in AMD
- Why did GA trials fail – how to overcome obstacles?
- OCT-Angiography Choriocapillaris imaging
- Anatomical vs. functional endpoints in AMD trials
- Macular choroid – specific relationship to AMD?

Scientific program and further information

Daniel Pauleikhoff

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