



Under the Patronage of DOG  
The German Society of Ophthalmology

First Announcement

**Age-Related Macular  
Degeneration –  
Emerging Concepts**  
Exploring known and  
Identifying new Pathways

**VI. International  
DOG-Symposium on AMD**  
September 11- 12, 2015  
Baden-Baden, Germany

Homepage and online registration  
[www.AMD2015.org](http://www.AMD2015.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, genomic and molecular biological studies 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 and refined phenotyping of age-related macular disease. Four years after the last international Baden-Baden AMD meeting it appears timely to review emerging concepts and to focus on potential new therapeutic approaches. We would like to invite you again to beautiful Baden-Baden in the heart of the Blackwood Forest to the

**VI. International DOG-Symposium on AMD**  
**Age-related Macular Degeneration – Emerging Concepts**  
**- Exploring known and Identifying new Pathways -**

We look forward to welcoming you in Baden-Baden.

  
**Daniel Pauleikhoff**

  
**Frank G. Holz**

## Subjects to be covered include

- **Genetic risk factors for AMD**
  - AMD risk polymorphisms – what’s new?
  - Genotype – phenotype correlations in early and late AMD
  - Gene therapy approaches to AMD
- **Inflammatory mechanisms in AMD**
  - Inflammation, complement and inflammasome in AMD
  - Cellular immune system and AMD
  - Local and systemic complement activation
  - Role of extracellular deposits posterior and anterior to the RPE
  - Complement inhibition in AMD
  - Probing phenotypic variants in AMD
- **Neurobiology of the outer retina - new concepts**
  - The role of glial cells in AMD
  - Photoreceptor energetics and “aging” of photoreceptor outer segments
  - AMD – a neurodegenerative disease
  - In vivo assessments by AO-SLO and en-face SD-OCT imaging
  - Targets for preventive and therapeutic approaches for outer retinal damage

**Scientific program and further information:**

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