

Special Issue on  
**Insight into Genetic Risk Factors of Age Related Macular Degeneration Development, Progression, and Treatment Effectiveness**

# CALL FOR PAPERS

Age Related Macular Degeneration (AMD) is a chronic, progressive eye disease which, if left untreated, causes permanent changes in the central retina what leads to irreversible, almost complete loss of vision. Although AMD is the main cause of visual loss in the population of developed countries, its pathogenesis is still not fully understood. In spite of many ongoing studies conducted over the last 20 years, factors influencing the development and course of the disease are not exactly defined. This in turn hinders effective diagnosis of the disease and implementing appropriate treatment. Recent studies have indicated the role of genetic factors in the development of AMD.

We invite clinicians and investigators to contribute original research articles as well as review articles and case series illustrating and discussing various matters connected with genetics and Age Related Macular Degeneration. We are particularly interested in articles on genetic background in AMD development and progression. Articles concerning influence of genetic factors on safety and effectiveness of AMD therapy are also in scope of our interest.

Potential topics include but are not limited to the following:

- ▶ Genetic background as a risk factor of Age Related Macular Degeneration
- ▶ The role of nonmodifiable factors in Age Related Macular Degeneration development
- ▶ Complement activation as a risk factor of AMD
- ▶ The role of kallikrein-binding protein on the development of neovascularization
- ▶ The influence of vascular endothelial growth factor on the angiogenesis
- ▶ The analysis of change in gene expression connected with kallikrein-kinin system
- ▶ Change in concentration profile of kinins receptor 2 mRNA as a prediction in resistance to AMD treatment
- ▶ Expression profile of cell death-related genes in age-related macular degeneration patients after ranibizumab treatment
- ▶ Effects of ranibizumab on expression of inflammation-related genes in age-related macular degeneration patients

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/joph/armd/>.

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