

Special Issue

Advances in Molecular Understanding of Ocular Adnexal Disease

Message from the Guest Editor

Many advances have recently been made in the molecular understanding lymphoma, melanoma, squamous carcinoma and sebaceous carcinoma; however, whether there are special molecular–genetic or epigenetic features of tumors particular to this region is, as yet, insufficiently certain. Dry eye disease and degenerations like pterygia/pinguecula also have proven to be driven by different molecular processes that may show overlap with pathways described in neoplasms. Therefore, detailed information on chromosomal aberrations, gene fusions, mutations and epigenetics (such as microRNA, long-non-coding RNA and methylation profiling) may offer important new insights. This Special Issue invites authors to submit comprehensive molecular biological work that aims to elucidate the molecular and epigenetic mechanisms operable in diseases of the ocular adnexa. As rare as these may be, a better understanding of their molecular genetic bases and epigenetics is essential for improving the diagnosis and treatment of patients. **Keywords:**

- ocular adnexa
- neoplasm
- carcinoma
- melanoma
- lymphoma
- degeneration
- inflammation

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