

Ocular and Serum Profiles of Inflammatory Molecules Associated With Retinitis Pigmentosa

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(網膜色素変性症に関連する炎症分子の眼部および血清プロファイル)

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論 文 内 容 の 要 旨

This study investigated the profiles and correlations between local and systemic inflammatory molecules in patients with retinitis pigmentosa (RP). From the paired samples of aqueous humor and serum of 36 eyes of 36 typical patients with RP and 25 eyes of age-matched patients with cataracts, using multiplex immunoassay, we found that ocular and systemic inflammatory responses have a close interaction in patients with RP. In addition, this paper showed that higher levels of IL-23 in aqueous humor were associated with a faster rate of visual acuity loss. This study is like a pilot that well characterizes the relationship between neuroinflammation and disease progression in patients with RP.