

July 2021

Academy Express ฉบับวันที่ 31 Jul 2021

[Study describes alleles associated with VKH](#)

The study describes the frequency and association of gene alleles potentially associated with Vogt-Koyanagi-Harada (VKH) in patients from Northern Thailand. The findings suggest HLA-DRB1 and HLA-DQB1 may be potential markers for this disease. *Ocular Immunology and Inflammation*, February 2021.

<https://pubmed.ncbi.nlm.nih.gov/32965138/>

Academy Express ฉบับวันที่ 24 Jul 2021

[Study reveals utility of portable visual acuity tests](#)

In this study, investigators validated use of the Rosenbaum near vision card and a smartphone-based visual acuity test in 295 eyes. Both methods yielded visual acuity measurements that were comparable to standard ETDRS. These portable visual acuity tests may be useful during the COVID-19 pandemic, the authors conclude. *Clinical Ophthalmology*, February 2021.

<https://pubmed.ncbi.nlm.nih.gov/33664563/>

Academy Express ฉบับวันที่ 17 Jul 2021

[Novel retinoblastoma therapy shows promise](#)

This is the first study to describe a novel GD2-specific chimeric antigen receptor-modified T cell therapy against retinoblastoma. In vitro experiments demonstrate the therapy's potential and suggest that it may improve when combined with immune checkpoint therapy. *Translational Oncology*, February 2021.

<https://pubmed.ncbi.nlm.nih.gov/33321428/>

Academy Express ฉบับวันที่ 10 Jul 2021

[PPV with ILM peeling yields low closure rates for large full-thickness macular holes](#)

Investigator evaluated the outcomes of pars plana vitrectomy (PPV) with internal limiting membrane (ILM) peeling in 158 eyes with large idiopathic full-thickness macular holes (FTMH). They observed that closure rate was relatively low in these eyes. Surgical success was tied to a basal linear diameter of 1200 μm or smaller, no preoperative vitreomacular interface abnormality, extended ILM peeling and postoperative ellipsoid defect of 500 μm or smaller. *Clinical Ophthalmology*, February 2021.

<https://pubmed.ncbi.nlm.nih.gov/33603330/>

Academy Express ฉบับวันที่ 3 Jul 2021

[Conjunctival intraepithelial neoplasia can manifest as a pigmented tumor](#)

Investigators report a case of conjunctival intraepithelial neoplasia (CIN) in a patient with pigmented conjunctival lesion. Biomicroscopic examination revealed a gelatinous pigmented conjunctival mass with feeder vessels and conjunctival impression cytology confirmed it as CIN. The tumor responded well to treatment with 0.02% mitomycin C. *Case Reports in Ophthalmology*, January 2021.

<https://pubmed.ncbi.nlm.nih.gov/33613255/>