

■ 2021

Title	Effects of ambient particulate matter on a reconstructed human corneal epithelium model
Author (affiliation)	Ko R ¹ , Hayashi M ¹ , Tanaka ² , Okuda T ³ , Chiharu Nishita-Hara ¹ , Hiroaki Ozaki ¹ , Eiichi Uchio ¹ (¹ Fukuoka University, ² Kobayashi Pharmaceutical Co., Ltd., ³ Keio University)
Journal	Scientific Reports

Title	Highly accurate predictor of eye irritation utilizing potential parameters of reconstructed human cornea epithelium model calculated based on ansen solubility parameters
Author (affiliation)	Ito L ^{1,2} , Fujii T ¹ , Watanabe S ¹ Yamamoto H ¹ (¹ Kansai University, ² Milbon Co. Ltd.,)
Journal	Toxicology in Vitro

■ 2019

Title	A Validation Study of a New In Vitro Eye Irritation Test using the Reconstructed Human Corneal Epithelial Tissue, LabCyte CORNEA-MODEL24
Author (affiliation)	Nakahara S ¹ , Kojima H ² , Omori T ³ , Yamashita A ⁴ , Endo M ⁴ , Satake M ⁴ , Nishiura H ⁵ , Shinoda S ⁶ , Hagiwara S ⁶ , Kasahara T ⁷ , Tahara H ⁷ , Yamamoto Y ⁷ , Ikeda H ⁸ , Yoshitake Y ⁹ , Lee J ^{10,11} , Han Y ¹¹ , Lee S ¹¹ , Sugawara K ¹² , Kato M ¹² . (¹ Maruishilabo Corporation, ² Japanese Center for the Validation of Alternative Methods (JaCVAM), National Institute of Health Sciences, ³ Kobe University School of Medicine, ⁴ Doshisha University, ⁵ Nihon Kolmar Co., Ltd., ⁶ Drug Safety Testing Center Co., Ltd., ⁷ Fujifilm Corporation, ⁸ Mandom Corporation, ⁹ Oppen Cosmetics Co., Ltd., ¹⁰ College of Veterinary Medicine, Konkuk University, ¹¹ Institute of Biomedical Science & Technology, Konkuk University, ¹² Japan Tissue Engineering Co., Ltd.)
Journal	Alternatives to Animal Testing and Experimentation

Title	Investigation of comet assays under conditions mimicking ocular instillation administration in a three-dimensional reconstructed human corneal epithelial model.
Author (affiliation)	Tahara H, Sadamoto K, Yamagiwa Y, Nemoto S and Kurata M. (Senju Pharmaceutical Co., Ltd.)
Journal	Cutaneous and Ocular Toxicology

■ 2016

Title	Upregulated epidermal growth factor receptor expression following near-infrared irradiation simulating solar radiation in a three-dimensional reconstructed human corneal epithelial tissue culture model
Author (affiliation)	Tanaka Y ¹ ., Nakayama J ² ., (¹ Clinica Tanaka, ² Shinshu University)
Journal	Clinical Interventions in Aging

■ 2013

Title	Establishment of a new in vitro test method for evaluation of eye irritancy using a reconstructed human corneal epithelial model, LabCyte CORNEA-MODEL
Author (affiliation)	Kato M., Hamajima F., Ogasawara T., and Hata K. (Japan Tissue Engineering Co., Ltd.)
Journal	Toxicology in Vitro

■ 2012

Title	Morphological characterization of a reconstructed human corneal epithelial model (LabCyte CORNEA-MODEL) as an alternative to the draize eye test for the assessment of eye irritation.
Author (affiliation)	Kato M., Uemura N., Hamajima F., Ogasawara T., and Hata K. (Japan Tissue Engineering Co., Ltd.)
Journal	AATEX