

学術論文 ラボサイト 角膜モデル

ラボサイト 角膜モデルに関する学術論文をご案内いたします。

■ 2021

タイトル	Effects of ambient particulate matter on a reconstructed human corneal epithelium model
著者 (所属)	Ko R ¹ , Hayashi M ¹ , Tanaka M 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)
雑誌名	Scientific Reports

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

■ 2019

タイトル	A Validation Study of a New In Vitro Eye Irritation Test using the Reconstructed Human Corneal Epithelial Tissue, LabCyte CORNEA-MODEL24
著者 (所属)	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 , Katoh 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.)
雑誌名	Alternatives to Animal Testing and Experimentation

タイトル	Investigation of comet assays under conditions mimicking ocular instillation administration in a three-dimensional reconstructed human corneal epithelial model.
著者 (所属)	Tahara H, Sadamoto K, Yamagiwa Y, Nemoto S and Kurata M. (Senju Pharmaceutical Co., Ltd.)
雑誌名	Cutaneous and Ocular Toxicology

■ 2016

タイトル	Upregulated epidermal growth factor receptor expression following near-infrared irradiation simulating solar radiation in a three-dimensional reconstructed human corneal epithelial tissue culture model
著者 (所属)	Tanaka Y ¹ , Nakayama J ² , (¹ Clinica Tanaka, ² Shinshu University.,)
雑誌名	Clinical Interventions in Aging

■ 2013

タイトル	Establishment of a new in vitro test method for evaluation of eye irritancy using a reconstructed human corneal epithelial model, LabCyte CORNEA-MODEL
著者 (所属)	Katoh M., Hamajima F., Ogasawara T., and Hata K. (Japan Tissue Engineering Co., Ltd.)
雑誌名	Toxicology in Vitro

■ 2012

タイトル	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.
著者 (所属)	Katoh M., Uemura N., Hamajima F., Ogasawara T., and Hata K. (Japan Tissue Engineering Co., Ltd.)
雑誌名	AATEX