

## 学術論文 ラボサイト 角膜モデル

ラボサイト エピ・モデル、エピ・キット に関する学術論文をご案内いたします。

### ■ 2019

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

タイトル	<b>Investigation of comet assays under conditions mimicking ocular instillation administration in a three-dimensional reconstructed human corneal epithelial model.</b>
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	<b>Upregulated epidermal growth factor receptor expression following near-infrared irradiation simulating solar radiation in a three-dimensional reconstructed human corneal epithelial tissue culture model</b>
著者 (所属)	Tanaka Y <sup>1</sup> , Nakayama J <sup>2</sup> , ( <sup>1</sup> Clinica Tanaka, <sup>2</sup> Shinshu University.)
雑誌名	Clinical Interventions in Aging

### ■ 2013

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

### ■ 2012

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