

年度	製品	タイトル	著者	ジャーナル	リンク
2024	NHEK, HuMedia-KG2	Sphingolipid-Enriched Porcine Placental Extract Promotes the Expression of Structural Genes and Desquamation Enzyme Genes in Cultured Human Keratinocytes	M Tebakari, Y Daigo, H Takemoto, K Nemoto, F Takano	Biol. Pharm. Bull. 47, 1231-1238 (2024)	<a href="#">🔗</a>
2024	NHEK, HuMedia-KG2	更年期の肌症状の実態調査とヒアルロン酸フラグメントの有用性	福田康二, 阪本 聡, 丸山勝弘, 久恒幸也, 濱田和彦, 鍋倉三世子, 片桐一元	J. Soc. Cosmet. Chem. Jpn. Vol 58, No.2 151-162, 2024	<a href="#">🔗</a>
2024	NHEK, HuMedia-KG2	PRSS3/mesotrypsin as a putative regulator of the biophysical characteristics of epidermal keratinocytes in superficial layers	Moeko Kida, Junya Abe, Haruna Hori & Yohei Hirai	Sci. Rep. volume 14, Article number: 12383 (2024)	<a href="#">🔗</a>
2024	NHEK, HuMedia-KG2	(S)-(-)-blebbistatin O-benzoate has the potential to improve atopic dermatitis symptoms in NC/Nga mice by upregulating epidermal barrier function and inhibiting type 2 alarmin cytokine induction	Shunya Sahara, Ayumi Ueno, Natsuki Wakita, Miki Iwai, Junki Uda, Koich Nakaoji, Kazuhiko Hamada, Akito Maeda, Yasufumi Kaneda, Manabu Fujimoto	PLoS One. 2024; 19(5): e0302781	<a href="#">🔗</a>
2024	NHEK, HuMedia-KG2	Supplementation of Nicotinic Acid and Its Derivatives Up-Regulates Cellular NAD+ Level Rather than Nicotinamide Derivatives in Cultured Normal Human Epidermal Keratinocytes	Takahiro Oyama, Takumi Yamamoto, Takeshi Kameda, Takanori Kamiya, Hideaki Abe, Takehiko Abe, Sei-ichi Tanuma	Life (Basel) 2024 Mar; 14(3): 413	<a href="#">🔗</a>
2024	NHEK, HuMedia-KG2	Cytoprotective role of human dental pulp stem cell-conditioned medium in chemotherapy-induced alopecia	Hui Chen, Satoshi Yamaguchi, Yilin Wang, Kento Kaminogo, Kiyoshi Sakai, Hideharu Hibi	Stem Cell Res Ther. 2024; 15: 84.	<a href="#">🔗</a>
2024	NHEK, HuMedia-KG2	Development of tight junction-strengthening compounds using a high-throughput screening system to evaluate cell surface-localized claudin-1 in keratinocytes	Hiroki Sakamoto, Momoyo Nishikawa, Seigo Yamada	Sci Rep. 2024; 14: 3312.	<a href="#">🔗</a>
2023	NHEK, HuMedia-KG2	Noncanonical mechanism of Nrf2 activation by diacylglycerol polyethylene glycol adducts in normal human epidermal keratinocytes	Tatsuro Miyoshi, Brian C. Keller, Takashi Ashino, Satoshi Numazawa	PLoS One. 2023; 18(10): e0291905.	<a href="#">🔗</a>
2023	NHEK, HuMedia-KG2	Fibroblasts are the most suitable cell source for regenerative medicine due to their high intracellular fibroblast growth factor 2 content	Masashi Yanagihara, Yutaro Matsuno, Koji Ueno, Hiroshi Kurazumi, Ryo Suzuki, Toshiki Tanaka, Kimikazu Hamano	Biochem Biophys Rep. 2023 Sep; 35: 101510	<a href="#">🔗</a>
2023	HuMedia-KG2	Cigarette smoke extract impairs gingival epithelial barrier function	Shunsuke Yamaga, Keita Tanigaki, Eriko Nakamura, Naoko Sasaki, Yuta Kato, Masae Kuboniwa, Michiya Matsusaki, Atsuo Amano, Hiroki Takeuchi	Sci Rep. 2023; 13: 9228.	<a href="#">🔗</a>
2023	HuMedia-KG2	The Effects of Mucopolysaccharide Polysulfate on Steroid-Induced Tight Junction Barrier Dysfunction in Human Epidermal Keratinocytes and a 3D Skin Model	Akira Koda, Yuko Ishii, Ayu Kashiwagi, Mika Fujikawa, Keisuke Kikuchi, Ryota Hashimoto, Yuhki Ueda, Takaaki Doi	Skin Pharmacol Physiol. 2023 Nov; 36(4): 186-194	<a href="#">🔗</a>
2023	HuMedia-KG2	The Antimicrobial Peptide AMP-IBP5 Suppresses Dermatitis-like Lesions in a Mouse Model of Atopic Dermatitis through the Low-Density Lipoprotein Receptor-Related Protein-1 Receptor	Hai Le Thanh Nguyen, Ge Peng, Juan Valentin Trujillo-Paez, Hainan Yue, Risa Ikutama, Miho Takahashi, Yoshie Umehara, Ko Okumura, Hideoki Ogawa, Shigaku Ikeda, François Niyonsaba	Int J Mol Sci. 2023 Mar; 24(6): 5200	<a href="#">🔗</a>
2023	HuMedia-KG2	Influence of aldo-keto reductase 1C3 polymorphisms in early-onset female psoriasis patients	Yuka Nojiri, Motoki Nakamura, Tetsuya Magara, Aya Yamamoto, Kyoko Ikumi, Reiko Nakamura, Emi Nishida, Thomas Haarmann-Stemmann, Akimichi Morita	Sci Rep. 2023; 13: 3280. Published online 2023 Feb 25	<a href="#">🔗</a>
2023	NHEK, HuMedia-KG2	Horse-Derived Ceramide Accentuates Glucosylceramide Synthase and Ceramide Synthase 3 by Activating PPARβ/δ and/or PPARγ to Stimulate Ceramide Synthesis	Tami Igarashi, Hiroki Yanagi, Masayuki Yagi, Masamitsu Ichihashi, Genji Imokawa	Biomedicines. 2023 Feb; 11(2): 548	<a href="#">🔗</a>
2023	NHEK, HuMedia-KG2	TRPV3-ANO1 interaction positively regulates wound healing in keratinocytes	Yu Yamanoi, Jing Lei, Yasunori Takayama, Shigekuni Hosogi, Yoshinori Marunaka, Makoto Tominaga	Commun Biol. 2023; 6: 88	<a href="#">🔗</a>
2023	NHEK, HuMedia-KG2	Chemokine expression in human 3-dimensional cultured epidermis exposed to PM2.5 collected by cyclonic separation	Maori Kono, Tomoaki Okuda, Nami Ishihara, Hiroyuki Hagino, Yuto Tani, Hiroshi Okochi, Chiharu Tokoro, Masayuki Takaishi, Hidefumi Ikeda, Yasuhiro Ishihara	Toxicol Res. 2023 Jan; 39(1): 1-13	<a href="#">🔗</a>
2022	NHEK, HuMedia-KG2	An optimized protocol to identify keratinocyte subpopulations in vitro by single-cell RNA sequencing analysis	Ratklae Siriwach, Anh Quynh Ngo, Shuh Narumiya, Dean Thumkeo	STAR Protoc. 2022 Dec 16; 3(4): 101906	<a href="#">🔗</a>
2022	NHEK, HuMedia-KG2	Experimental and Clinical Evidence Suggests That Treatment with Betacellulin Can Alleviate Th2-Type Cytokine-Mediated Impairment of Skin Barrier Function	Ge Peng, Saya Tsukamoto, Yoshie Umehara, Ryoma Kishi, Mitsutoshi Tominaga, Kenji Takamori, Ko Okumura, Hideoki Ogawa, Shigaku Ikeda, François Niyonsaba	Int J Mol Sci. 2022 Oct; 23(19): 11520	<a href="#">🔗</a>
2022	NHEK, HuMedia-KG2	A Bioengineering Approach for the Development of Fibroblast Growth Factor-7-Functionalized Sericin Biomaterial Applicable for the Cultivation of Keratinocytes	Ai Ai Lian, Yuka Yamaji, Kazuki Kajiwara, Keiko Takaki, Hajime Mori, Mervyn Wing On Liew, Eiji Kotani, Rina Maruta	Int J Mol Sci. 2022 Sep; 23(17): 9953	<a href="#">🔗</a>
2022	NHEK, HuMedia-KG2	Human β-defensin-3 attenuates atopic dermatitis-like inflammation through autophagy activation and the aryl hydrocarbon receptor signaling pathway	Ge Peng, Saya Tsukamoto, Risa Ikutama, Hai Le Thanh Nguyen, Yoshie Umehara, Juan V. Trujillo-Paez, Hainan Yue, Miho Takahashi, Takasuke Ogawa, Ryoma Kishi, Mitsutoshi Tominaga, Kenji Takamori, Jiro Kitaura, Shun Kageyama, Masaaki Komatsu, Ko Okumura, Hideoki Ogawa, Shigaku Ikeda, François Niyonsaba	J Clin Invest. 2022 Sep 1; 132(17): e156501	<a href="#">🔗</a>
2022	HuMedia-KG2	Surface pre-reacted glass-ionomer eluate protects gingival epithelium from penetration by lipopolysaccharides and peptidoglycans via transcription factor EB pathway	Hiroki Takeuchi, Yuta Kato, Naoko Sasaki, Keita Tanigaki, Shunsuke Yamaga, Ena Mita, Masae Kuboniwa, Matsusaki Michiya, Atsuo Amano	PLoS One. 2022; 17(7): e0271192	<a href="#">🔗</a>
2022	HuMedia-KG2	Effects of mucopolysaccharide polysulphate on tight junction barrier in human epidermal keratinocytes	Mika Fujikawa, Hiroko Sugimoto, Rie Tamura, Koki Fujikawa, Ami Yamagishi, Yuhki Ueda	Exp Dermatol. 2022 Nov; 31(11): 1676-1684	<a href="#">🔗</a>
2022	HuMedia-KG2	Impaired differentiation potential of CD34-positive cells derived from mouse hair follicles after long-term culture	Yukiteru Ouji, Masayasu Misu, Tomotaka Kitamura, Daisuke Okuzaki, Masahide Yoshikawa	Sci Rep. 2022; 12: 11011	<a href="#">🔗</a>
2022	HuMedia-KG2	Ozonized glycerin (OG)-based cosmetic products lighten age spots on human facial skin	Keigo Hanada, Daiki Okuda, Ryuhei Ogi, Sayaka Kojima, Risa Tsuruoka, Gotaro Shiota	J Cosmet Dermatol. 2022 Jul; 21(7): 3133-3139	<a href="#">🔗</a>
2022	HuMedia-KG2	Prognostic and functional role of hyaluronan-binding protein 1 in pancreatic ductal adenocarcinoma	Yasuhiro Adachi, Norihiro Sato, Takuya Oba, Takao Amaike, Yuzan Kudo, Shiro Kohi, Toshiyuki Nakayama, Keiji Hirata	Oncol Lett. 2022 Jul; 24(1): 222	<a href="#">🔗</a>
2022	HuMedia-KG2	Analyzing Human Periodontal Soft Tissue Inflammation and Drug Responses In Vitro Using Epithelium-Capillary Interface On-a-Chip	Laidi Jin, Ni Kou, Fan An, Zehang Gao, Tian Tian, Jianan Hui, Chen Chen, Guowu Ma, Hongju Mao, Huiying Liu	Biosensors (Basel) 2022 May; 12(5): 345	<a href="#">🔗</a>
2022	NHEK, HuMedia-KG2	Star fruit extract and C-glycosylated flavonoid components have potential to prevent air pollutant-induced skin inflammation and premature aging	Ping Wu, Hiroyasu Iwashashi, Hai-Hui Xie, Ying Wang, Yan-Yang Zhou, Akinori Kiso, Yoshihito Kawashima, Xiao-Yi Wei	Nat Prod Bioprospect. 2022 Dec; 12(1): 13	<a href="#">🔗</a>
2022	NHEK, HuMedia-KG2	Single-cell RNA sequencing identifies a migratory keratinocyte subpopulation expressing THBS1 in epidermal wound healing	Ratklae Siriwach, Anh Quynh Ngo, Makio Higuchi, Kentaro Arima, Satoko Sakamoto, Akira Watanabe, Shuh Narumiya, Dean Thumkeo	iScience. 2022 Apr 15; 25(4): 104130	<a href="#">🔗</a>
2022	NHEK, HuMedia-KG2	C10orf99/GPR15L Regulates Proinflammatory Response of Keratinocytes and Barrier Formation of the Skin	Teruki Dainichi, Yuri Nakano, Hiromi Doi, Satoshi Nakamizo, Saeko Nakajima, Reiko Matsumoto, Thomas Farkas, Pui Mun Wong, Vipin Narang, Ricardo Moreno Traspas, Eiryo Kawakami, Emma Guttman-Yassky, Oliver Dreesen, Thomas Litman, Bruno Reversade, Kenji Kabashima	Front Immunol. 2022; 13: 825032	<a href="#">🔗</a>
2022	NHEK, HuMedia-KG2	The Priming Potential of Interferon Lambda-1 for Antiviral Defense in the Oral Mucosa	Yosuke Shikama, Mie Kurosawa, Masae Furukawa, Yasusei Kudo, Naozumi Ishimaru, Kenji Matsushita	Inflammation. 2022; 45(3): 1348-1361.	<a href="#">🔗</a>
2022	HuMedia-KG2増殖添加剤セット	Trehangelins ameliorate inflammation-induced skin senescence by suppressing the epidermal YAP-CCN1 axis	Mami Yokota, Yoshiyuki Kamiya, Tamie Suzuki, Shinsuke Ishikawa, Akira Takeda, Shinya Kondo, Takeshi Tohgasaki, Takuji Nakashima, Yoko Takahashi, Satoshi Omura, Tetsuhito Sakurai	Sci Rep. 2022; 12: 952	<a href="#">🔗</a>
2022	HuMedia-KG2	Regeneration of collagen fibrils at the papillary dermis by reconstructing basement membrane at the dermal-epidermal junction	Shunsuke Iriyama, Yuki Ogura, Saori Nishikawa, Junichi Hosoi, Satoshi Amano	Sci Rep. 2022; 12: 795	<a href="#">🔗</a>
2021	HuMedia-KG2増殖添加剤セット	Effects of Glycogen on Ceramide Production in Cultured Human Keratinocytes via Acid Sphingomyelinase Activation	Hiroko Yatsushashi, Takashi Furuyashiki, Phuong Hong Thi Vo, Hiroshi Kamasaka, Takashi Kuriki	J Appl Glycosci 2021; 68(2): 41-46	<a href="#">🔗</a>
2021	NHEK, HuMedia-KG2, HUVEC, HuMedia-EG2	Topical Gynura procumbens as a Novel Therapeutic Improves Wound Healing in Diabetic Mice	Nutda Sutthammikorn, Volaluck Supajatura, Hainan Yue, Miho Takahashi, Sunee Chansakaow, Nobuhiro Nakano, Pu Song, Takasuke Ogawa, Shigaku Ikeda, Ko Okumura, Hideoki Ogawa, François Niyonsaba	Plants (Basel) 2021 Jun; 10(6): 1122	<a href="#">🔗</a>
2021	NHEK, HuMedia-KG2	High S100A2 expression in keratinocytes in patients with drug eruption	Manabu Yoshioka, Yu Sawada, Natsuko Saito-Sasaki, Haruna Yoshioka, Kayo Hama, Daisuke Omoto, Shun Ohmori, Etsuko Okada, Motonobu Nakamura	Sci Rep. 2021; 11: 5493	<a href="#">🔗</a>
2021	HuMedia-KG2	Increased Regulatory T Cells and Decreased Myeloid-Derived Suppressor Cells Induced by High CCL17 Levels May Account for Normal Incidence of Cancers among Patients with Atopic Dermatitis	Sohshi Morimura, Makoto Sugaya, Tomonori Oka, Hiraku Suga, Tomomitsu Miyagaki, Yuichiro Tsunemi, Yoshihide Asano, Shinichi Sato	Int J Mol Sci. 2021 Feb; 22(4): 2025	<a href="#">🔗</a>
2021	HuMedia-KG2増殖添加剤セット	Carbon dioxide inhibits UVB-induced inflammatory response by activating the proton-sensing receptor, GPR65, in human keratinocytes	Keimon Sayama, Katsuyuki Yuki, Keiichi Sugata, Satoko Fukagawa, Tetsuji Yamamoto, Shigaku Ikeda, Takatoshi Murase	Sci Rep. 2021; 11: 379	<a href="#">🔗</a>
2021	HuMedia-KG2	Nanoscale observation of PM2.5 incorporated into mammalian cells using scanning electron-assisted dielectric microscope	Tomoko Okada, Tomoaki Iwayama, Shinya Murakami, Masaki Torimura, Toshihiko Ogura	Sci Rep. 2021; 11: 228.	<a href="#">🔗</a>
2020	NHEK, HuMedia-KG2	Rac-Dependent Signaling from Keratinocytes Promotes Differentiation of Intradermal White Adipocytes	Takehiko Ueyama, Megumi Sakuma, Mio Nakatsuji, Tatsuya Uebi, Takeshi Hamada, Atsu Aiba, Naoki Saito	Journal of Investigative Dermatology (2020) 140, 75-84	<a href="#">🔗</a>
2020	NHEK, HuMedia-KG2	Identification of compounds in red wine that effectively upregulate aquaporin-3 as a potential mechanism of enhancement of skin moisturizing	Yumi Nakamura, Takatsugu Tsuchiya, Mariko Hara-Chikuma, Masato Yasui, Yuko Fukui	Biochem Biophys Rep. 2020 Dec; 24: 100864	<a href="#">🔗</a>
2020	NHEK, HuMedia-KG2	Tissue-scale tensional homeostasis in skin regulates structure and physiological function	Shun Kimura, Ayako Tsuchiya, Miho Ogawa, Miki Ono, Nao Suda, Kaori Sekimoto, Makoto Takeo, Takashi Tsuji	Commun Biol. 2020; 3: 637	<a href="#">🔗</a>
2020	NHEK, HuMedia-KG2	Trichohyalin-like 1 protein plays a crucial role in proliferation and anti-apoptosis of normal human keratinocytes and squamous cell carcinoma cells	Teruhiko Makino, Megumi Mizawa, Yoko Yoshihisa, Seiji Yamamoto, Yoshiaki Tabuchi, Masashi Miyai, Toshihiko Hibino, Masakiyo Sasahara, Tadamichi Shimizu	Cell Death Discov. 2020; 6: 109	<a href="#">🔗</a>
2020	NHEK, HuMedia-KG2	Effects of transgenic silk materials that incorporate FGF-7 protein microcrystals on the proliferation and differentiation of human keratinocytes	Rina Maruta, Keiko Takaki, Yuka Yamaji, Hideki Sezutsu, Hajime Mori, Eiji Kotani	FASEB Bioadv. 2020 Dec; 2(12): 734-744	<a href="#">🔗</a>
2020	NHEK, HuMedia-KG2	Phosphatidylinositol-specific phospholipase C enhances epidermal penetration by Staphylococcus aureus	Yoshikazu Nakamura, Kaori Kanemaru, Madoka Shoji, Kengo Totoki, Karen Nakamura, Hidemasa Nakaminami, Keisuke Nakase, Norihisa Noguchi, Kiyoko Fukami	Sci Rep. 2020; 10: 17845	<a href="#">🔗</a>
2020	NHEK, HuMedia-KG2	Possible Roles of Proinflammatory Signaling in Keratinocytes Through Aryl Hydrocarbon Receptor Ligands for the Development of Squamous Cell Carcinoma	Yota Sato, Taku Fujimura, Takanori Hidaka, Chunbing Lyu, Kayo Tanita, Shigeto Matsushita, Masayuki Yamamoto, Setsuya Aiba	Front Immunol. 2020; 11: 534323	<a href="#">🔗</a>

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2020	HuMedia-KG2	LAMA4 upregulation is associated with high liver metastasis potential and poor survival outcome of Pancreatic Cancer	Biao Zheng, Jianhua Qu, Kenoki Ohuchida, Haimin Feng, Stephen Jun Fei Chong, Zilong Yan, Yicui Piao, Peng Liu, Nan Sheng, Daiki Eguchi, Takao Ohtsuka, Kazuhiro Mizumoto, Zhong Liu, Shazib Pervaiz, Peng Gong, Masafumi Nakamura	Theranostics. 2020; 10(22): 10274-10289	<a href="#">リンク</a>
2020	HuMedia-KG2	Decrease of laminin-511 in the basement membrane due to photoaging reduces epidermal stem/progenitor cells	Shunsuke Iriyama, Masahito Yasuda, Saori Nishikawa, Eisuke Takai, Junichi Hosoi, Satoshi Amano	Sci Rep. 2020; 10: 12592	<a href="#">リンク</a>
2020	NHEK, HuMedia-KG2	Pathological role of excessive DNA as a trigger of keratinocyte proliferation in psoriasis	Y. Luo, T. Hara, A. Kawashima, Y. Ishido, S. Suzuki, N. Ishii, T. Kambara, K. Suzuki	Clin Exp Immunol. 2020 Oct; 202(1): 1-10	<a href="#">リンク</a>
2020	NHEK, HuMedia-KG2	Enzymatically synthesized glycogen protects inflammation induced by urban particulate matter in normal human epidermal keratinocytes	Tomoya Kitakaze, Yasukiyo Yoshioka, Takashi Furuyashiki, Hitoshi Ashida	J Clin Biochem Nutr. 2020 Jul; 67(1): 29-35	<a href="#">リンク</a>
2020	NHEK, HuMedia-KG2	Infrared-A Irradiation-induced Inhibition of Human Keratinocyte Proliferation and Potential Mechanisms	Syota Shimizu, Akihiro Aoki, Takuya Takahashi, Fumiki Harano	Photochem Photobiol. 2020 Sep-Oct; 96(5): 1105-1115	<a href="#">リンク</a>
2020	HuMedia-KG2	Genotoxicity of micro- and nano-particles of kaolin in human primary dermal keratinocytes and fibroblasts	Masanobu Kawanishi, Reimi Yoneda, Yukari Totsuka, Takashi Yagi	Genes Environ. 2020; 42: 16	<a href="#">リンク</a>
2020	HuMedia-KG2	Fernblock® Upregulates NRF2 Antioxidant Pathway and Protects Keratinocytes from PM2.5-Induced Xenotoxic Stress	Pablo Delgado-Wicke, Azahara Rodríguez-Luna, Yoshifumi Ikeyama, Yoichi Honma, Toshiaki Kume, María Gutierrez, Silvia Lorrio, Ángeles Juarranz, Salvador González	Oxid Med Cell Longev. 2020; 2020: 2908108	<a href="#">リンク</a>
2020	NHEK, HuMedia-KG2	GPMB is expressed in human epidermal keratinocytes but disappears in the vitiligo lesional skin	Kazal Boron Biswas, Aya Takahashi, Yukiko Mizutani, Satoru Takayama, Asako Ishitsuka, Lingli Yang, Fei Yang, Arunasiri Iddamalagoda, Ichiro Katayama, Shintaro Inoue	Sci Rep. 2020; 10: 4930	<a href="#">リンク</a>
2020	NHEK, HuMedia-KG2	AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression	Chi Thi Kim Nguyen, Wanlada Sawangarun, Masita Mandasari, Kei-ichi Morita, Hiroyuki Harada, Kou Kayamori, Akira Yamaguchi, Kei Sakamoto	PLoS One. 2020; 15(2): e0222689	<a href="#">リンク</a>
2020	HuMedia-KG2	Necroptosis in pancreatic cancer promotes cancer cell migration and invasion by release of CXCL5	Yohei Ando, Kenoki Ohuchida, Yoshiki Otsubo, Shin Kibe, Shin Takesue, Toshiya Abe, Chika Iwamoto, Koji Shindo, Taiki Moriyama, Kohei Nakata, Yoshihiro Miyasaka, Takao Ohtsuka, Yoshinao Oda, Masafumi Nakamura	PLoS One. 2020; 15(1): e0228015	<a href="#">リンク</a>
2020	HuMedia-KG2	Anti-inflammatory effects of ozenoxacin, a topical quinolone antimicrobial agent	Keisuke Tabara, Rie Tamura, Aki Nakamura, Sachi Mori, Takamichi Kitano, Koki Fujikawa, Mika Fujikawa, Kazuaki Okamoto, Shoji Kanayama, Hideya Uratsuji, Fumiaki Ikeda, Tatsumi Matsumoto	J Antibiot 2020; 73(4): 247-254	<a href="#">リンク</a>
2020	NHEK, HuMedia-KG2	Restoration of calcium-induced differentiation potential and tight junction formation in HaCaT keratinocytes by functional attenuation of overexpressed high mobility group box-1 protein	Fumika Tanaka, Minoru Uda, Yuina Hirose, Yohei Hirai	Cytotechnology. 2020 Feb; 72(1): 165-174	<a href="#">リンク</a>
2019	NHEK, HuMedia-KG2	Isolation of Sphingoid Bases from Starfish Asterias amurensis Glucosylceramides and Their Effects on Sphingolipid Production in Cultured Keratinocytes	Daisuke Mikami, Shota Sakai, Kohei Yuyama, Yasuyuki Igarashi	J. Oleo Sci. 68, (5) 427-441 (2019)	<a href="#">リンク</a>
2019	HuMedia-KG2	TLR3 stimulation induces melanosome endo/phagocytosis through RHOA and CDC42 in human epidermal keratinocyte	Saaya Koike, Kenshi Yamasaki, Takeshi Yamauchi, Ryoko Shimada-Omori, Kenichiro Tsuchiyama, Hideya Ando, Setsuya Aiba	Journal of Dermatological Science Volume 96, Issue 3, December 2019, Pages 168-177	<a href="#">リンク</a>
2019	HuMedia-KG2	Androgens modulate keratinocyte differentiation indirectly through enhancing growth factor production from dermal fibroblasts	Chanat Kumtorrut, Takeshi Yamauchi, Saaya Koike, Setsuya Aiba, Kenshi Yamasaki	Journal of Dermatological Science Volume 93, Issue 3, March 2019, Pages 150-158	<a href="#">リンク</a>
2019	NHEK(AD), HuMedia-KG2	Surface modification of oriented polysaccharide scaffolds using biotic nanofibers for epidermal cell culture	Suresh N. Rao, Yutaro Tsujita & Tetsuo Kondo	Cellulose Volume 26, pages 7971-7981, (2019)	<a href="#">リンク</a>
2019	NHEK, HuMedia-KG2	Cutaneous p38 mitogen-activated protein kinase activation triggers psoriatic dermatitis	Kenji Sakurai, Teruki Dainichi, Sandra Garcet, Soken Tsuchiya, Yosuke Yamamoto, Akihiko Kitoh, Tetsuya Honda, Takashi Nomura, Gyohei Egawa, Atsushi Otsuka, Saeko Nakajima, Reiko Matsumoto, Yuri Nakano, Masayuki Otsuka, Yoichiro Iwakura, Yenkel Grinberg-Bleyer, Sankar Ghosh, Yukihiko Sugimoto, Emma Guttman-Yassky, James G. Krueger, Kenji Kabashima	Journal of Allergy and Clinical Immunology Volume 144, Issue 4, October 2019, Pages 1036-1049	<a href="#">リンク</a>
2019	NHEK, HuMedia-KG2	BIOACTIVITIES OF THE HYDROUS ETHANOL EXTRACT FROM MARINE GREEN ALGA CHLAMYDOMONAS SP. W80	Satoshi Tanaka, Keiko Yashiki, Tatsuo Nakahara and Hitoshi Miyasaka	International Journal of Plant, Animal and Environmental Sciences Volume-9, Issue-2 April-June-2019	<a href="#">リンク</a>
2019	NHEK, HuMedia-KG2	Induction of Non-Apoptotic Cell Death by Adrenergic Agonists in Human Oral Squamous Cell Carcinoma Cell Lines	SHIGENORI UCHIDA, KATSUE KOBAYASHI, SEIKA OHNO, HIROSHI SAKAGAMI, HIKARU KOHASE and HIROSHI NAGASAKA	Anticancer Research July 2019, 39 (7) 3519-3529	<a href="#">リンク</a>
2019	HuMedia-KG2	Effects of photosensitizers in a high--power, red light--emitting diode irradiation on human gingival epithelial cells	Koichiro NAKAJIMA, Yoichiro TAGUCHI, Isao YAMAWAKI, Nobuhiro YAMAUCHI, Makoto UMEDA	J Osaka Dent Univ 2019 (October) ; 53 (2) : 109-113	<a href="#">リンク</a>
2019	HuMedia-KG2	Phyllanthus acidus (L.) Skeels and Rhinacanthus nasutus (L.) Kurz leaf extracts suppress melanogenesis in normal human epidermal melanocytes and reconstitutive skin culture	Chatatikun, Moragot, Yamauchi, Takeshi; Yamasaki, Kenshi; Chiabchalard, Anchalee; Aiba, Setsuya	Asian Pacific Journal of Tropical Medicine 12(3):p 98-105, March 2019	<a href="#">リンク</a>
2019	NHEK, Dermalife M Comp kit, NHEK, HuMedia-KG2	Melanoma cell adhesion molecule is the driving force behind the dissemination of melanoma upon S100A8/A9 binding in the original skin lesion	Yuyi Chen, I Wayan Sumardika, Nahoko Tomonobu, I Made Winarsa Ruma, Rie Kinoshita, Eisaku Kondo, Yusuke Inoue, Hiroki Sato, Akira Yamauchi, Hitoshi Murata, Ken-ichi Yamamoto, Shuta Tomida, Kazuhiko Shien, Hiromasa Yamamoto, Junichi Soh, Ming Liu, Junichiro Futami, Kaori Sasai, Hiroshi Katayama, Miyoko Kubo, Masakiyo Sakaquchi	Cancer Letters Volume 452, 28 June 2019, Pages 178-190	<a href="#">リンク</a>
2019	HuMedia-KG2増殖添加剤セット	Construction of Vascularized Oral Mucosa Equivalents Using a Layer-by-Layer Cell Coating Technology	Kyoko Nishiyama, Takami Akagi, Soichi Iwai, and Mitsuru Akashi	Tissue Engineering Part C: Methods Vol. 25, No. 5	<a href="#">リンク</a>
2019	HuMedia-KG2	Hyaluronan activated-metabolism phenotype (HAMP) in pancreatic ductal adenocarcinoma	Yuzan Kudo, Shiro Kohi, Keiji Hirata, Michael Goggins, and Norihiro Sato	Oncotarget. 2019 Sep 24; 10(54): 5592-5604	<a href="#">リンク</a>
2019	HuMedia-KG2増殖添加剤セット	Obesity-associated insulin resistance adversely affects skin function	Masafumi Aoki, Takatoshi Murase	PLoS One. 2019; 14(10): e0223528	<a href="#">リンク</a>
2019	HuMedia-KG2	Inhibition of ERK1/2 in cancer-associated pancreatic stellate cells suppresses cancer-stromal interaction and metastasis	Zilong Yan, Kenoki Ohuchida, Shuang Fei, Biao Zheng, Weiyu Guan, Haimin Feng, Shin Kibe, Yohei Ando, Kazuhiro Koikawa, Toshiya Abe, Chika Iwamoto, Koji Shindo, Taiki Moriyama, Kohei Nakata, Yoshihiro Miyasaka, Takao Ohtsuka, Kazuhiro Mizumoto, Makoto Hashizume, Masafumi Nakamura	J Exp Clin Cancer Res. 2019; 38: 221	<a href="#">リンク</a>
2019	HuMedia-KG2増殖添加剤セット	A novel strategy to engineer pre-vascularized 3-dimensional skin substitutes to achieve efficient, functional engraftment	Hiromi Miyazaki, Yasuyuki Tsunoi, Takami Akagi, Shunichi Sato, Mitsuru Akashi, Daizoh Saitoh	Sci Rep. 2019; 9: 7797	<a href="#">リンク</a>
2018	Huedia-KG2	Low-dose ionizing radiation exposure represses the cell cycle and protein synthesis pathways in in vitro human primary keratinocytes and U937 cell lines	Kazumasa Sekihara, Kaori Saitoh, Haeun Yang, Haruki Kawashima, Saiko Kazuno, Mika Kikkawa, Hajime Arai, Takashi Miida, Nobuhiro Hayashi, Keisuke Sasai, Yoko Tabo	PLoS One. 2018 Jun 18;13(6):e0199117	<a href="#">リンク</a>
2018	Huedia-KG2	Red ginseng extracts attenuate skin inflammation in atopic dermatitis through p70 ribosomal protein S6 kinase activation	Mayuko Osada-Oka, Sayaka Hirai, Yasukatsu Izumi, Kazuhiro Misumi, Keiichi Samukawa, Shuhei Tomita, Katsuyuki Miura, Yukiko Minamiyama, Hiroshi Iwao	Journal of Pharmacological Sciences Volume 136, Issue 1, January 2018, Pages 9-15	<a href="#">リンク</a>
2018	NHEK, HuMedia-KG2	Potential of Gouda cheese whey to improve epidermal conditions by regulating proliferation and differentiation of keratinocytes	Futa Shinagawa, Sayuri Takata, Yu Toba, Minoru Ikuta, Shoji Hioki, Takahiro Suzuki, Takanori Nishimura, Ryosuke Nakamura, Ken Kobayashi	International Dairy Journal Volume 87, December 2018, Pages 100-106	<a href="#">リンク</a>
2018	NHEK, HuMedia-KG2	Inflammatory Cytokines Induce Podoplanin Expression at the Tumor Invasive Front	Akiko Kunita, Vanessa Baeriswyl, Claudia Meda, Erik Cabuy, Kimiko Takeshita, Enrico Giraud, Andreas Wicki, Masashi Fukayama, Gerhard Christofori	The American Journal of Pathology Volume 188, Issue 5, May 2018, Pages 1276-1288	<a href="#">リンク</a>
2018	NHEK, HuMedia-KG2	Tumor necrosis factor-α downregulates the REIC/Dkk-3 tumor suppressor gene in normal human skin keratinocytes	Ken Kataoka Natsumi Maehara Yuki Ayabe Hitoshi Murata Nam-Ho Huh Masakiyo Sakaguchi	MOLECULAR MEDICINE REPORTS 17: 6661-6666, 2018	<a href="#">リンク</a>
2018	NHEK, HuMedia-KG2	ビスグリセリルアスコルビン酸のコーニフィドセルエンベローフ形成促進を介した皮膚保湿作用 Skin Moisturizing Effect through the Stimulation of the Cornified Cell Envelope Formation by Bis-Glyceryl Ascorbate	土井 美沙季, 中村 清香, 平 徳久, 勝山 雄志, 正木 仁, 吉岡 正人	J. Soc. Cosmet. Chem. Jpn. Vol 52, No.4 275-281, 2018	<a href="#">リンク</a>
2018	NHEK, HuMedia-KG2	Loss of Notch1 predisposes oro-esophageal epithelium to tumorigenesis	Wanlada Sawangarun, Masita Mandasari, Junko Aida, Kei-ichi Morita, Kou Kayamori, Tohru Ikeda, Kei Sakamoto	Experimental Cell Research Volume 372, Issue 2, 15 November 2018, Pages 129-140	<a href="#">リンク</a>
2018	NHEK, HuMedia-KG2	Enzyme-Treated Asparagus Extract (ETAS) Facilitates the Turnover of UV-B-Irradiated Keratinocytes	Tomoko KODA, Ken SHIRATO, Jun TAKANARI, Hideki IMAI	J. Nutr Sci Vitaminol, 64, 138-142, 2018	<a href="#">リンク</a>
2018	NHEK, HuMedia-KG2	Chimyl Alcohol Suppresses PGE2 Synthesis by Human Epidermal Keratinocytes through the Activation of PPAR-γ	Mariko Yokota, Shoichi Yahagi, Yoshihiro Tokudome, Hitoshi Masaki	J. Oleo Sci. 67, (4) 455-462 (2018)	<a href="#">リンク</a>
2018	NHEK(AD), HuMedia-KG2	LOWBUSH BLUEBERRY EXTRACT PROTECTS NORMAL HUMAN (HOMO SAPIENS L.) EPIDERMAL KERATINOCYTES FROM DAMAGE BY UV-B IRRADIATION	Seiji Yamasaki, Kenji Mizoguchi, Naohiro Kodama and Joji Iseki	Eur. Chem. Bull. 2018, 7(4), 162-167	<a href="#">リンク</a>
2018	NHEK, HuMedia-KG2	Gene networks in basal cell carcinoma of the eyelid, analyzed using gene expression profiling	Tatsuya Yunoki, Yoshiaki Tabuchi, Tetsushi Hirano, Shigeharu Miwa, Johji Imura, Atsushi Hayashi	Oncol Lett. 2018 Nov; 16(5): 6729-6734	<a href="#">リンク</a>
2018	HuMedia-KG2	The induced RNA-binding protein, HuR, targets 3'-UTR region of IL-6 mRNA and enhances its stabilization in periodontitis	K. Ouhara, S. Munenaga, M. Kajiya, K. Takeda, S. Matsuda, Y. Sato, Y. Hamamoto, T. Iwata, S. Yamasaki, K. Akutagawa, N. Mizuno, T. Fujita, E. Sugiyama, H. Kurihara	Clin Exp Immunol. 2018 Jun; 192(3): 325-336	<a href="#">リンク</a>
2018	NHEK, HuMedia-KG2	Influence of Phototoxicity on 8-MOP by Human Keratinocyte NHEK Cells	Hiroki ISHIKAWA, Rie IWAI, Kaname TSUJI, Yuki MATSUSHIMA, Aoi FUKUDA, Koji YAMADA, Kazuhiro MATSUMOTO, Hiroaki YOSHIDA, Tomio ISEKI, Hideo SHIMIZU, Mamoru UEDA, Koichi IMAI, Shosuke MORITA	Journal of Oral Tissue Engineering 2018; 15(3):171-176	<a href="#">リンク</a>
2017	NHEK, HuMedia-KG2	Phospholipase Cδ1 regulates p38 MAPK activity and skin barrier integrity	Kaori Kanemaru, Yoshikazu Nakamura, Kengo Totoki, Takatsugu Fukuyama, Madoka Shoji, Hisae Kaneko, Kanako Shiratori, Atsuko Yoneda, Takafumi Inoue, Yoichiro Iwakura, Kenji Kabashima, Kiyoko Fukami	Cell Death Differ. 2017 Jun; 24(6): 1079-1090	<a href="#">リンク</a>
2017	NHEK, HuMedia-KG2	Antioxidant Artemisia princeps Extract Enhances the Expression of Filaggrin and Lorcirin via the AHR/OVOL1 Pathway	Akiko Hirano, Masashi Goto, Tsukasa Mitsui, Akiko Hashimoto-Hachiya, Gaku Tsuji, Masataka Furue	Int J Mol Sci. 2017 Sep 11; 18(9): 1948	<a href="#">リンク</a>
2017	NHEK, HuMedia-KG2	Topical Application of Trisodium Ascorbyl 6-Palmitate 2-Phosphate Actively Supplies Ascorbate to Skin Cells in an Ascorbate Transporter-Independent Manner	Shuichi Shibuya, Ikuyo Sakaguchi, Shintaro Ito, Eiko Kato, Kenji Watanabe, Naotaka Izuo, Takahiko Shimizu	Nutrients. 2017 Jul; 9(7): 645	<a href="#">リンク</a>

年度	製品	タイトル	著者	ジャーナル	リンク
2017	NHEK, HuMedia-KG2	Postnatal changes and sexual dimorphism in collagen expression in mouse skin	Koji Y. Arai, Takuya Hara, Toyofumi Nagatsuka, Chikako Kudo, Sho Tsuchiya, Yoshihiro Nomura, Toshio Nishiyama	PLoS One. 2017; 12(5): e0177534	<a href="#">リンク</a>
2017	HuMedia-KG2	KIAA1199 is induced by inflammation and enhances malignant phenotype in pancreatic cancer	Shiro Kohi, Norihiro Sato, Atsuhiko Koga, Nobutaka Matayoshi, Keiji Hirata	Oncotarget. 2017 Mar 7; 8(10): 17156-17163	<a href="#">リンク</a>
2016	NHEK, HuMedia-KG2	mTOR inhibition by rapamycin increases ceramide synthesis by promoting transforming growth factor-β1/Smad signaling in the skin	Takumi Yamane, Aimi Muramatsu, Sawako Yoshino, Sho Matsui, Mari Shimura, Yoshimasa Tsujii, Ken Iwatsuki, Kazuo Kobayashi-Hattori, Yuichi Oishi	FEBS Open Bio. 2016 Apr; 6(4): 317-325	<a href="#">リンク</a>
2016	NHEK, HuMedia-KG2	The Establishment of an Assay to Measure DNA Polymerase-Catalyzed Repair of UVB-Induced DNA Damage in Skin Cells and Screening of DNA Polymerase Enhancers from Medicinal Plants	Sawako Ikeoka, Tatsuo Nakahara, Hiroyasu Iwashashi, Yoshiyuki Mizushima	Int J Mol Sci. 2016 May; 17(5): 667	<a href="#">リンク</a>
2016	NHEK, HuMedia-KG2	Involvement of activation-induced cytidine deaminase in skin cancer development	Taichiro Nonaka, Yoshinobu Toda, Hiroshi Hiai, Munehiro Uemura, Motonobu Nakamura, Norio Yamamoto, Ryo Asato, Yukari Hattori, Kazuhisa Bessho, Nagahiro Minato, Kazuo Kinoshita	J Clin Invest. 2016 Apr 1; 126(4): 1367-1382	<a href="#">リンク</a>
2016	HuMedia-KG2	Receptor for Hyaluronic Acid-Mediated Motility is Associated with Poor Survival in Pancreatic Ductal Adenocarcinoma	Xiao-Bo Cheng, Norihiro Sato, Shiro Kohi, Atsuhiko Koga, Keiji Hirata	J Cancer. 2015; 6(11): 1093-1098	<a href="#">リンク</a>
2015	NHEK, HuMedia-KG2	Mechanical Stretch on Human Skin Equivalents Increases the Epidermal Thickness and Develops the Basement Membrane	Eijiro Tokuyama, Yusuke Nagai, Ken Takahashi, Yoshihiro Kimata, Keiji Naruse	PLoS One. 2015; 10(11): e0141989	<a href="#">リンク</a>
2015	NHEK, HuMedia-KG2	The role of group IIF-secreted phospholipase A2 in epidermal homeostasis and hyperplasia	Ken Yamamoto, Yoshimi Miki, Mami Sato, Tomotaka Taketomi, Yasumasa Nishino, Choji Taya, Kazuaki Muramatsu, Kazutaka Ikeda, Hiroki Nakanishi, Ryo Taguchi, Naotomo Kambe, Kenji Kabashima, Gérard Lambeau, Michael H. Gelb, Makoto Mochizuki	J Exp Med. 2015 Oct 19; 212(11): 1901-1919	<a href="#">リンク</a>
2014	NHEK, HuMedia-KG2	Regulation of serine protease inhibitor Kazal type-5 (SPINK5) gene expression in the keratinocytes	Ngoc Anh Le, Midori Katsuyama, Masashi Demura, Hideji Tani, Hironobu Katsuyama, and Kiyofumi Saijoh	Environ Health Prev Med. Jul 2014; 19(4): 307-313	<a href="#">リンク</a>
2014	NHEK, HuMedia-KG2	Multiple pathways are involved in DNA degradation during keratinocyte terminal differentiation	M Yamamoto-Tanaka, T Makino, A Motoyama, M Miyai, R Tsuboi, and T Hibino	Cell Death Dis. Apr 2014; 5(4): e1181	<a href="#">リンク</a>
2014	NHEK, HuMedia-KG2	Yokukansan, a Traditional Japanese Medicine, Adjusts Glutamate Signaling in Cultured Keratinocytes	Maki Wakabayashi, Toshio Hasegawa, Takuji Yamaguchi, Naoko Funakushi, Hajime Suto, Rie Ueki, Hiroyuki Kobayashi, Hideoki Ogawa, and Shigaku Ikeda	Biomed Res Int. 2014; 2014: 364092	<a href="#">リンク</a>
2014	HuMedia-KG2	Influence of surface topography on the human epithelial cell response to micropatterned substrates with convex and concave architectures	Mee-Hae Kim, Yoshiko Sawada, Masahito Taya, Masahiro Kino-oka	J Biol Eng. 2014; 8: 13	<a href="#">リンク</a>
2014	HuMedia-KB2	Smad2 is Involved in Aggregatibacter actinomycetemcomitans-induced Apoptosis	T. Yoshimoto, T. Fujita, K. Ouhara, M. Kajiya, H. Imai, H. Shiba, H. Kurihara	J Dent Res. 2014 Nov; 93(11): 1148-1154.	<a href="#">リンク</a>
2014	NHEK, HuMedia-KG2	Mesotrypsin and caspase-14 participate in prosaposin processing: potential relevance to epidermal permeability barrier formation	Mami Yamamoto-Tanaka, Akira Motoyama, Masashi Miyai, Yukiko Matsunaga, Junko Matsuda, Ryoji Tsuboi, Toshihiko Hibino	J Biol Chem. 2014 Jul 18; 289(29): 20026-20038	<a href="#">リンク</a>
2013	NHEK, HuMedia-KG 増殖添加剤セット	E-cadherin interactions are required for Langerhans cell differentiation	Nobuko Mayumi, Eri Watanabe, Yoshihiko Norose, Eiji Watari, Seiji Kawana, Teunis B H Geijtenbeek, and Hidemi Takahashi	Eur J Immunol. 2013 January; 43(1): 270-280	<a href="#">リンク</a>
2013	NHEK, HuMedia-KG2	Dermokine inhibits ELR(+)-CXCL chemokine expression and delays early skin wound healing	Hasegawa M, Higashi K, Matsushita T, Hamaguchi Y, Saito K, Fujimoto M, Takehara K.	J Dermatol Sci. 2013 Apr;70(1):34-41	<a href="#">リンク</a>
2013	NHEK, HuMedia-KG2	Cholesteatoma Fibroblasts Promote Epithelial Cell Proliferation through Overexpression of Epiregulin	Mamoru Yoshikawa, Hiromi Kojima, Yuichiro Yaguchi, Naoko Okada, Hirohisa Saito, and Hiroshi Moriyama	PLoS One. 2013; 8(6): e66725	<a href="#">リンク</a>
2013	HuMedia-KG2	Bullous Pemphigoid IgG Induces BP180 Internalization via a Macropinosytic Pathway	Sho Hiroyasu, Toshiyuki Ozawa, Hiromi Kobayashi, Masamitsu Ishii, Yumi Aoyama, Yasuo Kitajima, Takashi Hashimoto, Jonathan C.R. Jones, and Daisuke Tsurut	Am J Pathol. 2013 March; 182(3): 828-840	<a href="#">リンク</a>
2013	NHEK, HuMedia-KG2	Altered expression of dermokine in skin disorders	Hasegawa M, Higashi K, Yokoyama C, Yamamoto F, Tachibana T, Matsushita T, Hamaguchi Y, Saito K, Fujimoto M, Takehara K.	J Eur Acad Dermatol Venereol. 2013 Jul;27(7):867-75	<a href="#">リンク</a>
2012	NHEK, HuMedia-KG2	S100A7 promotes the migration and invasion of osteosarcoma cells via the receptor for advanced glycation end products.	KEN KATAOKA, TOMOYUKI ONO, HITOSHI MURATA, MIKA MORISHITA, KEN-ICHI YAMAMOTO, MASAKIYO SAKAGUCHI, NAM-HO HUH	Oncol Lett. 2012 May; 3(5): 1149-1153	<a href="#">リンク</a>
2012	NHEK, HuMedia-KG2	4,8-Sphingadienine and 4-hydroxy-8-sphingenine activate ceramide production in the skin	Yoshiyuki Shirakura, Kanako Kikuchi, Kenji Matsumura, Katsuyuki Mukai, Susumu Mitsutake, and Yasuyuki Igarashi	Lipids Health Dis. 2012; 11: 108	<a href="#">リンク</a>
2012	NHEK, HuMedia-KG2	Dermokine-β impairs ERK signaling through direct binding to GRP78	Higashi K, Hasegawa M, Yokoyama C, Tachibana T, Mitsui S, Saito K.	FEBS Letters 2012;586 (16) :2300-2305	<a href="#">リンク</a>
2012	NHEK, HuMedia-KG2	Kallikrein-related Peptidase-7 Regulates Caspase-14 Maturation during Keratinocyte Terminal Differentiation by Generating an Intermediate Form.	Mami Yamamoto, Masashi Miyai, Yuuko Matsumoto, Ryoji Tsuboi, and Toshihiko Hibino	J Biol Chem. 2012 September 21; 287(39): 32825-32834	<a href="#">リンク</a>
2011	NHEK, HuMedia-KG2	Sulfation of estradiol in human epidermal keratinocyte	Kushida A, Hattori K, Yamaguchi N, Kobayashi T, Date A, Tamura H.	Biol Pharm Bull. 2011;34(7):1147-51	<a href="#">リンク</a>
2011	NHEK, HuMedia-KG2	Direct binding of RalA to PKC $\eta$ and its crucial role in morphological change during keratinocyte differentiation	Yasuhiro Shirai, Shoko Morioka, Megumi Sakuma, Ken-ichi Yoshino, Chihiro Otsuji, Norio Sakai, Kaori Kashiwagi, Kazuhiro Chida, Ryutaro Shirakawa, Hisanori Horiuchi, Chikako Nishigori, Takehiko Ueyama, and Naoaki Saito	Mol Biol Cell. 2011 April 15; 22(8): 1340-1352	<a href="#">リンク</a>
2011	NHEK, HuMedia-KG2	Herpes simplex virus induces the marked up-regulation of the zinc finger transcriptional factor INSM1, which modulates the expression and localization of the immediate early protein ICP0	Maki Kamakura, Fumi Goshima, Chenhong Luo, Hiroshi Kimura, and Yukihiro Nishiyama	Virology. 2011; 418: 257	<a href="#">リンク</a>
2010	NHEK, HuMedia-KG 増殖添加剤	Nepriiysin Is Identical to Skin Fibroblast Elastase	Naoko Morisaki, Shigeru Moriwaki, Yoriko Sugiyama-Nakagiri, Keichi Haketa, Yoshinori Takema, and Genji Imokawa	J Biol Chem. 2010 December 17; 285(51): 39819-39827	<a href="#">リンク</a>
2009	HuMedia-KB2	Porphyromonas gingivalis Outer Membrane Vesicles Enter Human Epithelial Cells via an Endocytic Pathway and Are Sorted to Lysosomal Compartments	Nobumichi Furuta, Kayoko Tsuda, Hiroko Omori, Tamotsu Yoshimori, Fuminobu Yoshimura, and Atsuo Amano	Infect Immun. 2009 October; 77(10): 4187-4196	<a href="#">リンク</a>
2009	HuMedia-KB2	Role of Plasmacytoid Dendritic Cells for Aberrant Class II Expression in Exocrine Glands from Estrogen-Deficient Mice of Healthy Background	Rieko Arakaki, Ai Nagaoka, Naozumi Ishimaru, Akiko Yamada, Satoko Yoshida, and Yoshio Hayashi	Am J Pathol. 2009 May; 174(5): 1715-1724	<a href="#">リンク</a>
2009	HuMedia-KB2	Entry of Porphyromonas gingivalis Outer Membrane Vesicles into Epithelial Cells Causes Cellular Functional Impairment	Nobumichi Furuta, Hiroki Takeuchi, and Atsuo Amano	Infect Immun. 2009 November; 77(11): 4761-4770	<a href="#">リンク</a>
2008	NHEK, HuMedia-KG 増殖添加剤セット, NHDF	Ras Modifies Proliferation and Invasiveness of Cells Expressing Human Papillomavirus Oncoproteins	Satoshi Yoshida, Naoko Kajitani, Ayano Satsuka, Hiroyasu Nakamura, and Hiroyuki Sakai	J Virol. 2008 September; 82(17): 8820-8827	<a href="#">リンク</a>
2007	HuMedia-KG2	Novel Role for RbAp48 in Tissue-Specific, Estrogen Deficiency-Dependent Apoptosis in the Exocrine Glands	Naozumi Ishimaru, Rieko Arakaki, Fumie Omotehara, Koichi Yamada, Kenji Mishima, Ichiro Saito, and Yoshio Hayashi	Mol Cell Biol. 2006 April; 26(8): 2924-2935	<a href="#">リンク</a>
2007	NHEK, HuMedia-KG2	Protection of human keratinocytes from UVB-induced inflammation using root extract of Lithospermum erythrorhizon	Ishida T, Sakaguchi I.	Biol Pharm Bull. 2007 May;30(5):928-34	<a href="#">リンク</a>
2006	NHEK, HuMedia-KG2	Upregulation of P2Y2 receptors by retinoids in normal human epidermal keratinocytes	Kayoko Fujishita, Schuichi Koizumi, and Kazuhide Inoue	Purinergic Signal. 2006 September; 2(3): 491-498	<a href="#">リンク</a>
2005	NHEK, HuMedia-KG2	Relations Between Individual Cellular Motions and Proliferative Potentials in Successive Cultures of Human Keratinocytes	Norihiko Hata, Yuka Agatahama, Masahiro Kino-oka, and Masahito Taya	Cytotechnology. 2005 January; 47(1-3): 127-131	<a href="#">リンク</a>
2004	NHEK, HuMedia-KG2	Ca <sup>2+</sup> waves in keratinocytes are transmitted to sensory neurons: the involvement of extracellular ATP and P2Y2 receptor activation	Schuichi Koizumi, Kayoko Fujishita, Kaori Inoue, Yukari Shigemoto-Mogami, Makoto Tsuda, and Kazuhide Inoue	Biochem J. 2004 June 1; 380(Pt 2): 329-338	<a href="#">リンク</a>
2004	HUVEC, HAEC, HMVEC, HASMC, NHDF, NHEK, HuMedia-SG2, HuMedia-KG2	Vasohibin as an endothelium-derived negative feedback regulator of angiogenesis	Kazuhide Watanabe, Yasuhiro Hasegawa, Hiroshi Yamashita, Kazue Shimizu, Yuanyang Ding, Mayumi Abe, Hideki Ohta, Keiichi Imagawa, Kanji Hojo, Hideo Maki, Hikaru Sonoda, and Yasufumi Sato	J Clin Invest. 2004 October 1; 114(7): 898-907	<a href="#">リンク</a>
2004	NHEK, HuMedia-KG2	Identification of novel keratinocyte-secreted peptides dermokine-α/β and a new stratified epithelium-secreted protein gene complex on human chromosome 19q13.1	Matsui T, Hayashi-Kisumi F, Kinoshita Y, Katahira S, Morita K, Miyachi Y, Ono Y, Imai T, Tanigawa Y, Komiya T, Tsukita S.	Genomics. 2004 Aug;84(2):384-97	<a href="#">リンク</a>
2003	NHEK, HuMedia-KG2	Nitric oxide enhances substance P-induced itch-associated responses in mice	Tsugunobu Andoh1 and Yasushi Kuraishi,	Br J Pharmacol. 2003 January; 138(1): 202-208	<a href="#">リンク</a>
2003	HuMedia-KG2	Oral Treponemes and Their Outer Membrane Extracts Activate Human Gingival Epithelial Cells through Toll-Like Receptor 2	Yasuyuki Asai, Takayoshi Jinno, and Tomohiko Ogawa	Infect Immun. 2003 February; 71(2): 717-725	<a href="#">リンク</a>
2003	NHEK	Toxic Epidermal Necrolysis and Stevens-Johnson Syndrome Are Induced by Soluble Fas Ligand	Riichiro Abe, Tadamichi Shimizu, Akihiko Shibaki, Hideki Nakamura, Hirokazu Watanabe, and Hiroshi Shimizu	Am J Pathol. 2003 May; 162(5): 1515-1520	<a href="#">リンク</a>
2001	HuMedia-KG2	Bacterial Fimbriae and Their Peptides Activate Human Gingival Epithelial Cells through Toll-Like Receptor 2	Yasuyuki Asai, Yoshinori Ohyama, Keika Gen, and Tomohiko Ogawa	Infect Immun. 2001 December; 69(12): 7387-7395	<a href="#">リンク</a>
1998	NHEK, HuMedia-KG2	Antitherpesvirus Activities of (1'S,2'R)-9-[[1',2'-Bis(hydroxymethyl)cycloprop-1'-yl]methyl]guanine (A-5021) in Cell Culture	Satoshi Iwayama, Nobukazu Ono, Yuko Ohmura, Katsuya Suzuki, Miho Aoki, Harumi Nakazawa, Miki Oikawa, Tamamo Kato, Masahiko Okunishi, Yukihiro Nishiyama, and Koichi Yamanishi	Antimicrob Agents Chemother. 1998 July; 42(7): 1666-1670	<a href="#">リンク</a>

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