

武田 直也 研究室

NO	著者	雑誌名	タイトル	巻 (vol.)・ページ数	掲載年	備考
1	Di He, Yoshinori Arisaka, Kenichi Masuda, Mitsuya Yamamoto, Naoya Takeda*	Acta Biomaterialia	A Photoresponsive Soft Interface Reversibly Controls Wettability and Cell Adhesion by Conformational Changes in a Spiropyran-Conjugated Amphiphilic Block Copolymer	51, 101-111	2017	
2	Kenichi Nagase*, Risa Shukuwa, Takahiro Onuma, Masayuki Yamato, Naoya Takeda*, Teruo Okano*	J. Mater. Chem. B	Micro/Nano-Imprinted Substrates Grafted with a Thermoresponsive Polymer for Thermally Modulated Cell Separation	5, 5924-5930	2017	Front Cover, Hot Paper
3	Kenichi Nagase*, Yoichi Sakurada, Satoru Onizuka, Takanori Iwata, Masayuki Yamato, Naoya Takeda*, Teruo Okano*	Acta Biomaterialia	Thermoresponsive Polymer-Modified Microfibers for Cell Separations	53, 81-92	2017	
4	Yoshiyuki Kasai, Naoya Takeda*, Shinichiro Kobayashi, Ryo Takagi, Masayuki Yamato	FEBS Open Bio	Cellular Events and Behaviors After Grafting of Stratified Squamous Epithelial Cell Sheet Onto a Hydrated Collagen Gel	7, 691-704	2017	
5	Naoya Takeda*, Kenichi Tamura, Ryo Mineguchi, Yumiko Ishikawa, Yuji Haraguchi, Tatsuya Shimizu*, Yusuke Hara	J. Artif. Organs	In Situ Cross-linked Electrospun Fiber Scaffold of Collagen for Fabricating Cell-dense Muscle Tissue	19, 141-148	2016	

6	Ai Ozaki, Yoshinori Arisaka, Naoya Takeda*	Biofabrication	Self-Driven Perfusion Culture System Using a Paper-Based Double-Layered Scaffold	8, 035010	2016	
7	Yoshinori Arisaka, Yuka Nishijima, Shin-ichi Yusa, Naoya Takeda*	J. Biomater. Sci. Polym. Ed.	Photo-induced In Situ Crosslinking of Polymer Brushes With Dimethyl Maleimide Moieties for Dynamically Stimulating Stem Cell Differentiation	27, 1331-1340	2016	
8	Yoshiyuki Kasai, Hiroaki Sugiyama, Ryo Takagi, Makoto Kondo, Toshiyuki Owaki, Hideo Namiki, Teruo Okano, Naoya Takeda, Masayuki	Regenerative Therapy	Brush Biopsy of Human Oral Mucosal Epithelial Cells as a Quality Control of the Cell Source for Fabrication of Transplantable Epithelial Cell Sheets for Regenerative Medicine	4, 71-77	2016	
9	Kenichi Nagase*, Takahiro Onuma, Masayuki Yamato, Naoya Takeda*, Teruo Okano*	Macromol. Rapid Commun.	Enhanced Wettability Changes by Synergistic Effect of Micro/Nanoimprinted Substrates and Grafted Thermoresponsive Polymer Brushes	36, 1965-1970	2015	Front Cover

10	Ryo Takagi, Shinichiro Kobayashi, Masayuki Yamato*, Toshiyuki Owaki, Yoshiyuki Kasai, Takahiro Hosoi, Yusuke Sakai, Kengo Kanetaka, Tokutaro Minamizato, Asuka Minematsu, Makoto Kondo, Nobuo Kanai, Naoyuki Yamaguchi, Kazuhiro Nagai, Yasushi Miyazaki, Naoya Takeda, Fumio Fukai, Izumi Asahina, Taiga Miyazaki, Shigeru Kohno, Masakazu Yamamoto, Kazuhiko Nakao, Susumu	Regenerative Therapy	How to Prevent Contamination with Candida Albicans during the Fabrication of Transplantable Oral Mucosal Epithelial Cell Sheets	1, 1–4	2015	
11	Kenichi Nagase*, Yuri Hatakeyama, Tatsuya Shimizu, Katsuhisa Matsuura, Masayuki Yamato, Naoya Takeda, Teruo Okano*	Biomacromolecules	Thermoresponsive Cationic Copolymer Brushes for Mesenchymal Stem Cell Separation	16, 532–540	2015	
12	Kenichi Nagase, Yuri Hatakeyama, Tatsuya Shimizu, Katsuhisa Matsuura, Masayuki Yamato, Naoya Takeda, Teruo	Biomacromolecules	Hydrophobized Thermoresponsive Copolymer Brushes for Cell Separation by Multistep Temperature Change	14, 3423–3433	2013	

13	Yoshikuni Edagawa, Jun Nakanishi, Kazuo Yamaguchi, Naoya Takeda*	Colloids Surf. B Biointerfaces	Spatiotemporally Controlled Navigation of Neurite Outgrowth in Sequential Steps on the Dynamically Photo- Patternable Surface	99, 20–26	2012	
14	Kenichi Nagase, Ayaka Kimura, Tatsuya Shimizu, Katsuhisa Matsuura, Masayuki Yamato, Naoya Takeda, Teruo Okano*	J. Mater. Chem.	Dynamically Cell Separating Thermo- Functional Biointerfaces with Densely Packed Polymer Brushes	22, 19514–19522	2012	
15	Yoshinori Yamaguchi*, Takahiro Arakawa, Naoya Takeda, Yoshikuni Edagawa, Shuichi Shoji	Sens. Actuators B Chem.	Development of a Poly-Dimethylsiloxane Microfluidic Device for Single Cell Isolation and Incubation	136, 555–561	2009	
16	Yosuke Obata, Shunsuke Saito, Naoya Takeda, Shinji Takeoka*	Biochim. Biophys. Acta	Plasmid DNA-Encapsulating Liposomes: Effect of a Spacer between the Cationic Head Group and Hydrophobic Moieties of the Lipids on Gene Expression	1788, 1148–1158	2009	
17	Gianni Ciofani*, Yosuke Obata, Izumi Sato, Yosuke Okamura, Vittoria Raffa, Arianna Menciassi, Paolo Dario, Naoya Takeda, Shinji Takeoka	J. Nanopart. Res.	Realization, Characterization and Functionalization of Lipidic Wrapped Carbon Nanotubes	11, 477–484	2009	