

# Cell-Related publications citing 3D-printing Instruments from Digilab (updated to October 2017)

2017

## Preface

Moo-Yeal Lee

In: *Microarray Bioprinting Technology: Fundamentals and Practices*, 17 January 2017; Moo-Yeal Lee ed., Springer, pp. v-vii (MicroSys)

## Microarray Spotter and Printing Technologies

Akshata Datar, Dong Woo Lee, Sang Youl jeon, Moo-Yeal Lee

In: *Microarray Bioprinting Technology: Fundamentals and Practices*, 17 January 2017; Moo-Yeal Lee ed., Springer, pp. 19-52 (MicroSys, PixSys)

## Dimensional accuracy and surface finish of biomedical implant fabricated as rapid investment casting for small to medium quantity production.

Jaspreet Singh, Rupinder Singh, and Harwinder Singh.

*Journal of Manufacturing Processes*, January 2017; 25: 201-211. (MicroSys)

## Evaluation of bioprinter technologies.

Ibrahim T. Ozbolat, Kazim K. Moncal, and Hemanth Gudapati.

*Additive Manufacturing*, January 2017; 13: 179-200. (CellJet)

<http://www.personal.psu.edu/ito1/AM.pdf>

## Biomanufacturing: The Definition and Evolution of a New Genre.

Maika G. Mitchell

In: *Bioprinting: Techniques and Risks for Regenerative Medicine*, 17 February 2017; Academic Press, pp. 1-19 (Digilab's prototype to CellJet)

## Bioprinting: an assessment based on manufacturing readiness levels.

Changsheng Wu, Ben Wang, Chuck Zhang, Richard A. Wusk, and Yi-Wen Chen.

*Critical Reviews in Biotechnology*, Spring 2017; 37(3): 333-354 (CellJet)

[https://www.researchgate.net/profile/Changsheng\\_Wu3/publication/299484287\\_Bioprinting\\_an\\_assessment\\_based\\_on\\_manufacturing\\_readiness\\_levels/links/576aeae08aef2a864d20c4c.pdf](https://www.researchgate.net/profile/Changsheng_Wu3/publication/299484287_Bioprinting_an_assessment_based_on_manufacturing_readiness_levels/links/576aeae08aef2a864d20c4c.pdf)

## Progress in three-dimensional bioprinting.

Adam W. Feinberg, and Jordan S. Miller.

*MRS Bulletin*, August 2017; 42(8): 557-562.

## Bioprinter Technologies

Ibrahim T. Ozbolat

In: *3D Bioprinting Fundamentals, Principles and Applications*, 2017; Academic Press, pp. 199-241 (CellJet)

### **Applications of 3D Bioprinting**

Ibrahim T. Ozbolat

In: *3D Bioprinting Fundamentals, Principles and Applications*, 2017; Academic Press, pp. 271-312 (CellJet)

### **In vitro gene expression-coupled bacterial cell chip for screening species-specific antimicrobial enzymes.**

Seok-Joon Kwon, Domyoung Kim, Inseon Lee, Jungbae Kim, and Jonathan S. Dordick.  
*Biotechnology and Bioengineering*, 2017; ahead of print

## **2016**

### **Towards artificial tissue models: past, present, and future of 3D bioprinting.**

Ahu Arslan-Yildiz, Rami El Assal, Pu Chen, Sinan Guven, Fatih Inci, Utkan Demirci.  
*Biofabrication*, 1 March 2016; 8(1): 014103, 17 pp. (CellJet)  
[https://bammlabs.stanford.edu/sites/default/files/biofabrication\\_2016\\_81.pdf](https://bammlabs.stanford.edu/sites/default/files/biofabrication_2016_81.pdf)

### **Towards effective and efficient Biofabrication technologies.**

Andrés Díaz Lantada

In: *Microsystems for Enhanced Control of Cell Behavior*, 24 March 2016; pp. 409-418. Springer International Publishing, (CellJet)

### **Extracellular matrix microarrays to study inductive signaling for endoderm specification.**

DF Braga Malta, N. E. Reticker-Flynn, C. L. da Silva, J. M. S. Cabral, H. E. Fleming, K. S. Zaret, S. N. Bhatia, and G. H. Underhill.  
*Acta Biomaterialia*, 1 April 2016; 34 (1): 30-40. (PixSys)  
[https://lmrt.mit.edu/sites/default/files/BragaMalta\\_ActaBiomater\\_2016.pdf](https://lmrt.mit.edu/sites/default/files/BragaMalta_ActaBiomater_2016.pdf)

### **From 3D Bioprinters to a fully integrated Organ Biofabrication Line**

V. E. Passamai, J. A. Dernowsek, J. Nogueira, V. Lara, F. Vilalba, V. A. Mironov, R. A. Rezende, and J. V. da Silva.

*Journal of Physics: Conference Series*, April 2016; 705(1): 012010, 10 pp  
[https://www.researchgate.net/profile/Janaina\\_Dernowsek/publication/283349242\\_From\\_3D\\_Bioprinters\\_to\\_a\\_fully\\_integrated\\_Organ\\_Biofabrication\\_Line/links/5639050e08ae2da875c79f57/From-3D-Bioprinters-to-a-fully-integrated-Organ-Biofabrication-Line.pdf](https://www.researchgate.net/profile/Janaina_Dernowsek/publication/283349242_From_3D_Bioprinters_to_a_fully_integrated_Organ_Biofabrication_Line/links/5639050e08ae2da875c79f57/From-3D-Bioprinters-to-a-fully-integrated-Organ-Biofabrication-Line.pdf)

### **Development of Novel Technologies for Direct Cellular Patterning for the Establishment of Well Controlled Microenvironments to Facilitate Studies on Cellular Signaling, Sensing, and Other Diffusion-Based Phenomena**

William Hynes

*PhD Theses*, 7 May 2016; SUNY Polytechnic Institute, 133 pp (MicroSys 5100 4SQ)  
<https://dspace.sunyconnect.suny.edu/bitstream/handle/1951/66926/Hynes-Dissertation.pdf?sequence=1&isAllowed=y>

### **A brand strategy for Cellink**

Tehilah Auramo, Ronald Clays, Kevan D'Agostino, Rae Yong Kim

*Master's of Business and Design Integrated Projects*, 29 May 2016; University of Gothenburg, Sweden, 59 pp. (CellJet)

[https://static1.squarespace.com/static/5738326cc6fc08145667dbb6/t/5792306bb8a79b1e1efec1c6/1469198511068/StudioExperience\\_Final\\_Cellink\\_singlepages.pdf](https://static1.squarespace.com/static/5738326cc6fc08145667dbb6/t/5792306bb8a79b1e1efec1c6/1469198511068/StudioExperience_Final_Cellink_singlepages.pdf)

### **Bioink properties before, during and after 3D bioprinting.**

Katja Hölzl, Shengmao Lin, Liesbeth Tytgat, Sandra Van Vlierberghe, Linxia Gu, and Aleksandr Ovsianikov.

*Biofabrication*, 23 September 2016; 8(3): 032002, 19 pp. (CellJet)

<http://iopscience.iop.org/article/10.1088/1758-5090/8/3/032002/pdf>

### **A decade of progress in tissue engineering.**

Ali Khademhosseini, and Robert Langer.

*Nature Protocols*, October 2016; 11(10): 1775-1781.

### **High-Throughput Toxicity and Phenotypic Screening of 3D Human Neural Progenitor Cell Cultures on a Microarray Chip Platform.**

Gregory J. Nierode, Brian C. Perea, Sean K. McFarland, Jorge F. Pascoal, Douglas S. Clark, David V. Schaffer, and Jonathan S. Dordick.

*Stem Cell Reports*, 8 November 2016; 7(5): 970-982 (MicroSys 5100 4SQ)

[http://www.cell.com/stem-cell-reports/pdf/S2213-6711\(16\)30220-X.pdf](http://www.cell.com/stem-cell-reports/pdf/S2213-6711(16)30220-X.pdf)

## **2015**

### **3D Bioprinting: A Deliberate Business**

Laura Hockaday.

*Genetic Engineering & Biotechnology News*, 1 January 2015; 35(1): 14-17 (CellJet)

### **Method of making a hydrogel**

Inventors: Catherine Louise Ruby Merry, Alberto Saiani, Kate Alexandra Meade, Emma Tranquility Lowe, Aline Fiona Saiani, Jean-Baptiste Guilbaud

*US Patent Application*: 2015/0030681A1; Publication Date: 29 January 2015 (MicroSys5100-4SQ)

<https://www.google.com/patents/US20150030681>

### **Development of a high-throughput screen for the identification of novel antifungal drug candidates.**

Inventors: Anand K. Ramasubramanian, Jose L. Lopez-Ribot, Anand Srinivasan, Priya Uppuluri

*United States Patent*: US 8962531 B2, Publication Date: 24 February 2015; (MicroSys, Fungal array)

<https://www.google.com/patents/US8962531>

### **Microfluidic bioreactors for cellular microarrays.**

Ronnie G. Willaert, and Katty Goossens.

*Fermentation*, 7 August 2015; 1(1): 38-78. (synQUAD-based systems from Digilab)

<http://www.mdpi.com/2311-5637/1/1/38/html>

### **From 3D Bioprinters to a fully integrated Organ Biofabrication Line**

Veronica E. Passamai, J. A. Dernowsek, J. Nogueira, V. Lara, F. Vilalba, V. A. Mironov, Rodrigo A. Rezende and J. V. da Silva

*Oral Presentation at SABI 2015*, 28 October 2015; Argentina, 10 pp. (Cell Printers from Digilab)  
[https://www.researchgate.net/profile/Janaina\\_Dernowsek/publication/283349242\\_From\\_3D\\_Bioprinters\\_to\\_a\\_fully\\_integrated\\_Organ\\_Biofabrication\\_Line/links/5639050e08ae2da875c79f57.pdf](https://www.researchgate.net/profile/Janaina_Dernowsek/publication/283349242_From_3D_Bioprinters_to_a_fully_integrated_Organ_Biofabrication_Line/links/5639050e08ae2da875c79f57.pdf)

### **Valve-based printing - CellJet.**

Chee Kai Chua, and Wai Yee Yeong.

In: *Bioprinting: Principles and Applications*, 2015; World Scientific Pub. Co., Singapore, pp. 97-112  
[http://www.worldscientific.com/doi/pdf/10.1142/9789814612128\\_fmatter](http://www.worldscientific.com/doi/pdf/10.1142/9789814612128_fmatter)

## **2014**

### **Drug susceptibility of matrix-encapsulated *Candida albicans* nano-biofilms.**

Anand Srinivasan, Celia Macias Gupta, C. Agrawal, Kai P. Leung, Jose L. Lopez-Ribot, and Anand K. Ramasubramanian.

*Biotechnology and Bioengineering*, February 2014; 111(2): 418-424. (MicroSys)

### **Microarray platform affords improved product analysis in mammalian cell growth studies.**

Payel Datta, Luciana Meli, Lingyun Li, Nicole Migliore, Eugene Schaefer, Susan T. Sharfstein, Jonathan S. Dordick, and Robert J. Linhardt.

*Biotechnology Journal*, March 2014; 9(3): 386-395. (MicroSys 5100-4SQ)

<http://www-heparin.rpi.edu/main/files/papers/531f0d14758c04.44949334.pdf>

### **Fibroblast Growth Factor-based Signaling through Synthetic Heparan Sulfate Blocks Copolymers Studied Using High Cell Density Three-dimensional Cell Printing.**

Eric Sterner, Sayaka Masuko, Guoyun Li, Lingyun Li, Dixy E. Green, Nigel J. Otto, Yongmei Xu, Paul L. DeAngelis, Jian Liu, Jonathan S. Dordick and Robert J. Linhardt

*Journal of Biological Chemistry*, 4 April 2014; 289(14): 9754-9765. (MicroSys 5100-4SQ)

<http://www.jbc.org/content/289/14/9754.full>

## **2013**

### **Biofabrication: Main Advances and Challenges.**

Andrés Díaz Lantada

In: *Handbook on Advanced Design and Manufacturing Technologies for Biomedical Devices*, 10 April 2013; Andrés D. Lantada Ed., Springer US, pp. 261-275 (CellJet)

### **Precision Air Curtain Technology for a Dual Purpose Cell Culture Incubator-Biosafety Cabinet Enclosure.**

Conrad Bzura

*BS Theses*, 24 April 2013; Worcester Polytechnic Institute, Worcester, MA, 80 pp. (CellJet)

[https://www.wpi.edu/Pubs/E-project/Available/E-project-042413-225652/unrestricted/BME\\_Report.pdf](https://www.wpi.edu/Pubs/E-project/Available/E-project-042413-225652/unrestricted/BME_Report.pdf)

### **Systems and methods for micro-contact stamping.**

Inventor: John K. McGeehan

*United States Patent*: US 8449285 B2; Publication Date: 28 May 2013; (CellJet)

<https://www.google.com/patents/US8449285>

### **Scaling advantages and constraints in miniaturized capture assays for single cell protein analysis.**

Ali Salehi-Reyhani, Sanjiv Sharma, Edward Burgin, Michael Barclay, Anthony Cass, Mark AA Neil, Oscar Ces, Keith R. Willison, and David R. Klug.

*Lab on a Chip*, 7 June 2013; 13(11): 2066-2074.

### **Adhesion signatures.**

Inventors: Sangeeta N. Bhatia, David Fernandes Braga Malta, Nathan Edward Reticker-Flynn, Gregory H. Underhill, Robert Edward Schwartz

*US Patent Application*: 2013/0274124 A1, Publication Date: 17 October 2013 (PixSys)

<https://www.google.com/patents/US20130274124>

### **FGF–FGFR signaling mediated through glycosaminoglycans in microtiter plate and cell-based microarray platforms.**

Eric Sterner, Luciana Meli, Seok-Joon Kwon, Jonathan S. Dordick, and Robert J. Linhardt.

*Biochemistry*, 17 December 2013; 52(50): 9009-9019. (MicroSys 5100–4SQ)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3900324/>

<http://www.heparin.rpi.edu/main/files/papers/52c1a9fe717cc3.08041002.pdf>

## **2012**

### **High-Throughput Transfection of Interfering RNA into a 3D Cell-Culture Chip.**

Haiyuan Zhang, Moo-Yeal Lee, Michael G. Hogg, Jonathan S. Dordick, and Susan T. Sharfstein.

*Small*, 9 July 2012; 8(13): 2091-2098. (MicroSys)

### **Combinatorial discovery of polymers resistant to bacterial attachment**

Andrew L Hook, Chien-Yi Chang, Jing Yang, Jeni Luckett, Alan Cockayne, Steve Atkinson, Ying Mei, Roger Bayston, Derek J Irvine, Robert Langer, Daniel G Anderson, Paul Williams, Martyn C Davies, and Morgan R Alexander

*Nature Biotechnology*, September 2012; 30(9): 868–875. (PixSys5500) (Bacterial array)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3796337/>

### **Cell printing: A novel method to seed cells onto biological scaffolds.**

Chirantan Kanani

*MS Theses*, Fall 2012; Worcester Polytechnic Institute, Worcester, USA, 106 pp. (CellJet)

[https://www.wpi.edu/Pubs/ETD/Available/etd-042612-091233/unrestricted/CKanani\\_MS\\_Thesis\\_Final.pdf](https://www.wpi.edu/Pubs/ETD/Available/etd-042612-091233/unrestricted/CKanani_MS_Thesis_Final.pdf)

**Influence of a three-dimensional, microarray environment on human cell culture in drug screening systems.**

Luciana Meli, Eric T. Jordan, Douglas S. Clark, Robert J. Linhardt, Jonathan S. Dordick  
*Biomaterials*, December 2012; 33(35): 9087-9096. (MicroSys)  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3517800/>

**2011**

**Embryonic stem cell bioprinting for uniform and controlled size embryoid body formation**

Feng Xu, BanuPriya Sridharan, ShuQi Wang, Umut Atakan Gurkan, Brian Syverud, Utkan Demirci  
*Biomicrofluidics*, June 2011; 5(2): 022207 (CellJet)  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3145232/>

**Method of nucleic acid delivery into three-dimensional cell culture arrays.**

Inventors: Moo-Yeal Lee, Seok Joon Kwon, Jonathan S. Dordick, Douglas S. Clark, Jessica R. McKinley  
*US Patent Application*: US 2011/0190162 A1; Publication Date: 4 August 2011(MicroSys5100-4SQ)  
<http://www.google.com/patents/US20110190162>

**3-dimensional multi-layered hydrogels and methods of making the same.**

Inventor: Seung-Schik Yoo  
*US Patent Application*: US 20110212501 A1, Publication Date: 1 September 2011; (Cartesian Robot)  
<http://www.google.com/patents/US20110212501>

**Biotech industry highlights.**

Alois Jungbauer, and Judy Peng.  
*Biotechnology J.*, December 2011; 6(12, Scaffold-free cell-based systems): 1433–1434 (CellJet)  
<http://onlinelibrary.wiley.com/doi/10.1002/biot.201190065/full>

**2010**

**Forum.**

*Chemie Ingenieur Technik*, June 2010; 82(6): 754-758 (CellJet)

**Microenvironment niche assay for CiPS screening.**

Inventor: Babak Esmaeli-Azad  
*US Patent Application*: US 2010/0167300 A1, 1 Publication Date: 1 July 2010 (PixSys5500, 3D assays)  
<http://www.google.com/patents/US20100167300>

**Metabolic enzyme microarray coupled with miniaturized cell-culture array technology for high-throughput toxicity screening.**

Moo-Yeal Lee, Jonathan S. Dordick, and Douglas S. Clark.  
*Methods in Molecular Biology, Microarray Methods for Drug Discovery*, 2010; 632: 221-237 (MicroSys)

**2009**

**Three-dimensional cellular array chip and platform for toxicology assays.**

Inventors: Moo-Yeal Lee, Anand K. Ramasubramanian, Douglas S. Clark, Jonathan S. Dordick  
*US Patent Application: US 2009/0221441 A1, Publication Date: 3 September 2009 (MicroSys5100-4SQ)*

<http://www.google.com/patents/US20090221441>

**2008**

**Three-dimensional cellular microarray for high-throughput toxicology assays**

Moo-Yeal Lee, R. Anand Kumar, Sumitra M. Sukumaran, Michael G. Hogg, Douglas S. Clark, and Jonathan S. Dordick

*Proc National Academy of Sciences U S A*, 8 January 2008; 105(1): 59–63. (MicroSys5100-4SQ)

<http://www.pnas.org/content/105/1/59.long>

**On-chip, cell-based microarray immunofluorescence assay for high-throughput analysis of target proteins.**

Tiago G. Fernandes, Seok-Joon Kwon, Moo-Yeal Lee, Douglas S. Clark, Joaquim M. S. Cabral and Jonathan S. Dordick

*Anal Chemistry*, 1 September 2008; 80(17): 6633-6639. (MicroSys5100-4SQ)

[http://berg.ist.utl.pt/scbl/Anal\\_Chem\\_Fernandes\\_2008.pdf](http://berg.ist.utl.pt/scbl/Anal_Chem_Fernandes_2008.pdf)

**Cell Adhesion and Detachment.**

Shashi K. Murthy, Milica Radisic

In: *Encyclopedia of Microfluidics and Nanofluidics*, 2008; Dongqing Li Ed., Springer-Verlag, pp. 202-208.

**Cell Culture (2D and 3D) on Chip.**

Jun Yang, and Xiaolin Zheng.

In: *Encyclopedia of Microfluidics and Nanofluidics*, 2008; Dongqing Li Ed., Springer-Verlag, pp. 217-223.

**Chaotic mixing based on viscoelasticity.**

Yee Cheong Lam, and Hiong Yap Gan.

In: *Encyclopedia of Microfluidics and Nanofluidics*, 2008; Dongqing Li Ed., Springer-Verlag, pp. 248-254.

**2007**

**High throughput approaches to biomaterials for tissue engineering and drug delivery.**

Daniel G. Anderson

*Polymer Preprints*, March 2007, 48(1): 590 (PixSys5500)

<http://library.sut.ac.th:8080/ACS/V48N01Y2007/files/320.pdf>

**2006**

**A focused microarray to assess dopaminergic and glial cell differentiation from fetal tissue or embryonic stem cells.**

Yongquan Luo, Catherine Schwartz, Soojung Shin, Xianmin Zeng, Nong Chen, Yue Wang, Xiang Yu, and Mahendra S. Rao.

*Stem Cells*, April 2006; 24(4): 865-875. (ProSys)

<http://onlinelibrary.wiley.com/doi/10.1634/stemcells.2005-0392/full>

**Human P450 Microarrays for In Vitro Toxicity Analysis: Toward Complete Automation of Human Toxicology Screening**

Moo-Yeal Lee, Douglas S. Clark, Jonathan S. Dordick

*Journal of the Association for Laboratory Automation*, December 2006; 11(6): 374-380 (MicroSys)

<http://jla.sagepub.com/content/11/6/374.full>

**2005**

**From the Cover: Metabolizing enzyme toxicology assay chip (MetaChip) for high-throughput microscale toxicity analyses.**

Moo-Yeal Lee, Chan Beum Park, Jonathan S. Dordick, and Douglas S. Clark

*Proc Natl Acad Sciences U S A*, 25 January 2005; 102(4): 983–987. (MicroSys)

<http://www.pnas.org/content/102/4/983.full>

**Nanoliter-scale synthesis of arrayed biomaterials and screening thereof.**

Inventors: Daniel Anderson, Shulamit Levenberg, Robert Langer

*US Patent Application*: US 2005/0019747 A1, Publication Date: 27 January 2005

<http://www.google.com/patents/US20050019747>

**Embryonic epithelial cells.**

Inventors: Daniel Anderson, Shulamit Levenberg, Robert Langer

*US Patent Application*: US 2005/0136536 A1, Publication Date: 23 June 2005 (PixSys5500)

<http://www.google.com/patents/US20050136536>

**2004**



**Loss of a small region around the PTEN locus is a major chromosome 10 alteration in prostate cancer xenografts and cell lines.**

Karin G. Hermans, Dirk C. van Alewijk, Joris A. Veltman, Wytke van Weerden, Ad Geurts van Kessel, and Jan Trapman.

*Genes, Chromosomes and Cancer*, 39, no. 3 (March 2004): 171-184. (Bacteria-array, ProSys5510TL, GeneTac)

**Optimization of fluorescent cell-based assays for high-throughput analysis using microchamber array chip formats**

Yoshinori Akagi, Sathuluri Ramachandra Rao, Yasutaka Morita and Eiichi Tamiya

*Science and Technology of Advanced Materials*, May 2004; 5(3): 343-349 (MicroSys)

[http://iopscience.iop.org/1468-6996/5/3/A11/pdf/1468-6996\\_5\\_3\\_A11.pdf?origin=publication\\_detail](http://iopscience.iop.org/1468-6996/5/3/A11/pdf/1468-6996_5_3_A11.pdf?origin=publication_detail)

**Special film-coated substrate for bio-microarray fabrication and use thereof.**

Inventors: Jizhong Zhou, Xichun Zhou

*US Patent Application*: US 20040121339 A1, Publication Date: 24 June 2004 (PixSys5500)

<http://www.google.com/patents/US20040121339>

**Nanoliter-scale synthesis of arrayed biomaterials and application to human embryonic stem cells.**

Daniel G. Anderson, Shulamit Levenberg, and Robert Langer.

*Nature Biotechnology*, July 2004; 22(7): 863-866. (PixSys5500)

[http://v1.apebble.com/ita\\_summits/Anderson-Levenberg\\_2004.pdf](http://v1.apebble.com/ita_summits/Anderson-Levenberg_2004.pdf)

**Accelerating bacterial identification by infrared spectroscopy by employing microarray deposition of microorganisms. (Bacteria)**

Sufian F. Al-Khaldi, Magdi M. Mossoba, Ashraf A. Ismail, and Fred S. Fry.

*Foodborne Pathogens & Disease*, Fall 2004; 1(3): 172-177. (PixSys5000)

<http://www.suf-microarray.com/Microarray-infrared2004.pdf>

## **2003**

**Designing, testing, and validating a focused stem cell microarray for characterization of neural stem cells and progenitor cells.**

Yongquan Luo, Jingli Cai, Irene Ginis, Yanyang Sun, Siulan Lee, Sean X. Yu, Ahmet Hoke, and Mahendra Rao.

*Stem Cells*, September 2003; 21(5): 575-587 (ProSys)

<http://onlinelibrary.wiley.com/doi/10.1634/stemcells.21-5-575/full>

**A reporter system for reverse transfection cell arrays.**

Brian L. Webb, Begoña Díaz, G. Steven Martin, and Fang Lai.

*Journal of Biomolecular Screening*, December 2003; 8(6): 620-623. (PixSys5500)

<http://jbx.sagepub.com/content/8/6/620.long>

**2001**

**Microarrays of cells expressing defined cDNAs.**

Junaid Ziauddin, and David M. Sabatini.

Nature, 3 May 2001; 411(6833): 107-110. (PixSys5500)

<http://sabatini.wi.mit.edu/Sabatini%20papers/RevTfx-Nature-2001.pdf>