

JOHN D. LOIKE, Ph.D.

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EDUCATION

- 1976 Ph.D., Albert Einstein College of Medicine, Department of Molecular Pharmacology. Dr. Susan B. Horwitz
- 1971 B.A., Yeshiva University - Major: Biology

ACADEMIC APPOINTMENTS

- 2021-present Co-Director of Biomedical Ethics & Humanities Program at New York Medical College
- 2017-present Full Professor, Department of Biology, Touro College and University System
- 2017-present Adjunct Professor, Department of Biology, Columbia College
- 2017-present Associated Professor of Research, New York Medical College
- 2017-2023 Adjunct Research Scientist, Department of Pathology, Columbia University College of Physicians and Surgeons
- 1990-2017 Research Scientist, Department of Physiology, Columbia University College of Physicians and Surgeons
- 2014-2016 Visiting Professor, Bar-Ilan University, Ramat Gan, Israel
- 2010-Present Faculty Affiliate, Masters in Bioethics Program, Columbia University
- 2007-Present Director for Biomedical Cross-cultural Education Program (BioCEP) in collaboration with Mahidol University, Bangkok, Thailand
- 2007-Present Ethics for Biomedical Engineers, Biomedical Engineering, Columbia College
- 2003-Present Creator and Faculty editor of Columbia University Journal of Bioethics
- 2000- Present Advisory Board, Columbia University Center for the Study of Science and Religion
- 2007-2016 Director of Special Programs, Center for Bioethics, Columbia University

- 2004-2010 Co-Director of Graduate Studies, Department of Physiology, Columbia University College of Physicians and Surgeons
- 1984-1989 Associate Research Scientist, Columbia University College of Physicians and Surgeons, Department of Physiology
- 1980-1984 Research Associate, The Rockefeller University Department of Cellular Physiology and Immunology
- 1977-1980 NIH postdoctoral Fellow, The Rockefeller University Department of Cellular Physiology and Immunology
- 1976-1977 Damon Runyon-Walter Winchell Cancer Fund Fellow, The Rockefeller University, Department of Cellular Physiology and Immunology

ACADEMIC TEACHING

- 2021-present Graduate level courses in Bioethics, Biomedical Ethics & Humanities Program at New York Medical College
- 2017- Present Human Genetics and Cell Biology, Touro University
- 2018- Present Human Genetics, Institute of Advanced Research, Fudan University, Shanghai, China.
- 2008-Present Pathophysiology of Cardiovascular System-Graduate School, Columbia University College of Physicians and Surgeons
- 2010-Present Medical Ethics- Columbia University School of Medicine
- 2007-Present Ethics for Biomedical Engineers, Biomedical Engineering, Columbia College
- 2003-Present Crossroads in Bioethics, Columbia College
- 2018-Present Human Genetics, Fudan University, Shanghai, China
- 2015- 2016 Translational Science and Engineering – Graduate school at University of Kerala, India
- 2013-2014 Healthcare Management, Fordham Graduate School of Business
- 2011-2013 Stem Cell Biology, Ethics, and Applications, Columbia College

HONORS AND AWARDS

- 2019-2021 Collaborator on R21 Grant from National Institutes of Health
- 2016-2018 R21 Grant from National Institutes of Health
- 2017 Columbia University College of Physicians and Surgeons Award for Excellence in Community Service.

- 2016-2017 Grant from NanoVibronix
- 2012-2014 Grant from National Science Foundation
- 2011-2014 Grant from Picower Foundation on Parkinson's Disease
- 2010 Finalist for Columbia University's Presidential Teaching Award
- 2010-2012 Grant from New York State NYSTEM developing an undergraduate stem cell course
- 2016-2017 Grant from Nanovibronix
- 2008-2012 Department of Defense Grant
- 2007 Revel Award for Professional Development in Arts and Sciences
- 2002-2003 Merck Research Grant, Bristol-Myers Research Grant
- 1990-1992 Grant Recipient- Juvenile Diabetes Foundation
- 1988-1993 Grant Recipient - National Institutes of Health
- 1985-1986 Research Development Award- Muscular Dystrophy Association
- 1982-1986 Grant Recipient - National Institutes of Health
- 1980-1983 Grant Recipient- Muscular Dystrophy Association
- 1980-1982 Grant Recipient - National Science Foundation
- 1977-1980 National Institutes of Health-Postdoctoral
- 1976-1977 Damon Runyon-Walter Winchell Cancer Fund Fellow
- 1971 Who's Who in American Colleges and Universities

PROFESSIONAL ORGANIZATIONS & SOCIETIES

- 1976 - Present - New York Academy of Sciences
- 1976 - Present - American Association for the Advancement of Science
- 1976 - Present - American Society for Cell Biology
- 2011 - Present - Cardiovascular Research Initiative (CVRI) of Columbia University
- 2014 - Present - Review student laboratory research for Columbia University

SERVICE- EXTRAMURAL SERVICE

- 2018 - Present – Columnist for The Scientist Magazine
- 2000 – Present - Reviewer for Journal of Immunology

- 2013 - Present - Reviewer for PLOS
- 2017 - Present - Reviewer for Journal of Medical Ethics
- 2017 - 2019 Admissions Committee for International School of Global Health, Ben Gurion School of Medicine
- 2016 - Reviewer for Journal of Experimental Medicine, Journal of Motor Neuron
- 2016 - Reviewer for Journal of Law, Medicine & Ethics
- 2005-2014 Creator and Editor in Chief of the Columbia University Journal of Bioethics
- 2015 - Reviewer for Journal of Leukocyte Biology
- 2014 - Reviewer for Kennedy Institute of Ethics Journal
- 2014 - Grant reviewer for National Science Foundation
- 2013 - Grant reviewer for American Alzheimer's Association

INTRAMURAL SERVICE

- 2020-Present Faculty Promotions Committee, Touro University
- 2007- Present Creator and Director of the Biomedical Cross-cultural Education Program (BioCEP).
- 2012 - 2017 Department of Physiology Graduate Committee of Admissions
- 1989 - Present Advisory Board for Summer Research Program for Science Teachers, Columbia University

FORMAL TEACHING- Touro University

Undergraduate 2017-present

In class:

- Human Genetics,
- Genetics Laboratory,
- Immunology,
- Cell Biology,
- Basic Biology 2
- Cell biology of Cancer

Online:

- medical ethics,

- Health and Disease for non-science majors
- Science and Ethics of Gene Editing
- Science and Ethics of Human Reproduction
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2003-present Instructor for Cross-roads in Bioethics, Columbia College

- 20-30 students per year- 2 credits – offered in the spring each year
- A highly popular discussion-based class for undergraduates

2016– 2024 Scholar in Residence, Fudan University, Shanghai, China- Human Genetics

2007-2017 Instructor for Ethics for Biomedical Engineers Department of Biomedical Engineering Columbia University

- 50-60 students per year- 2 credits when it was a required course and 20 students in 2017 when it became an elective course– offered each spring

Medical School

- 2010- 2017 Lecturer for Medical Ethics at Columbia University School of Medicine.
 - Class size limited to 10 fourth year medical students offered in January of each year.

Graduate School

- 2021- Present – Lecturer on Immunology to Touro University School of Dentistry
- 2007- Present Creator and director of Biomedical Cross-cultural Education Program (BioCEP)- BioCEP has emerged as a leading internship prototype for interscholastic cooperation designed to expose and align international students with multidisciplinary modern global issues in the areas of bioethics and medical ethics.
- BioCEP is a rigorous educational enrichment summer workshop where students from American and Southeast Asian universities spend two weeks in Thailand engaged in lectures, discussions, and on-site professional visits to learn how government policies, culture, and religion impact bioethical and medical ethical issues.
- 2012-2016 Co-Director of Mechanisms of Disease Atherosclerosis Unit.
 - A required course for graduate students at Columbia University Graduate Center.

- Class size 20 students.

MENTORING

- 2000 – Present Mentoring high school and undergraduate students, Research in my laboratory at Touro College
- 1992 - present Mentoring high school and undergraduate students for summer research in bioethics

RECENT AND CURRENT GRANTS

- NIH R21 2019-2021- Collaborator
- NIH R21 2016-2018 – Co Principal Investigator
- NanoVibronix Research Grant 2007-2011, 2016-2017
- University of Kerala 2015-2016
- Bioethics International 2016-2017
- Knowledge Exchange Institute 2016-2018
- Global Bioethics
- NIH pilot Grant 2008-2009
- Department of Defense- 2008-2014
- New York State Stem Cell Initiative 2010-2012
- National Science Foundation Grant with Metropolitan Museum of New York 2011-2014

JOURNAL ARTICLES PUBLICATIONS

1. Loike, J.D. and Horwitz, S.B. The Effects of Podophyllotoxin and VP-16-213 on Microtubule Assembly 'in vitro' and Nucleoside Transport in HeLa Cells. *Biochem.* 15, 5435-5442, 1976.
2. Loike, J.D. and Horwitz, S.B. The Effect of VP-16-213 on the Intracellular Degradation of DNA in HeLa Cells. *Biochem.* 15, 5443- 5448, 1976.
3. Horwitz, S.B. and Loike, J.D. A Comparison of the Mechanism of Action of VP-16-213 and Podophyllotoxin. *Lloydia* 40, 82-88, 1977.
4. Loike, J.D., Brewer, C.F., Sternlicht, H., Gensler, W.J. and Horwitz, S.B. (1978). Structure-Activity Study of the Inhibition of Microtubule Assembly 'in vitro' by Podophyllotoxin and its Congeners. *Cancer Research*, 38, 2688-2693.
5. Brewer, C.F., Loike, J.D., Horwitz, S.B., Sternlicht, H. and Gensler, W.J. (1979). Conformational Analysis of Podophyllotoxin and its Congeners. *Structure-Activity*

Relationship in Microtubule Assembly. *Journal of Medicinal Chemistry*, 22, 215-221.

6. Loike, J.D., Kozler, V.F. and Silverstein, S.C. (1979). Increased ATP and Creatine Phosphate Turnover in Phagocytosing Mouse Peritoneal Macrophages. *Journal of Biological Chemistry*, 254, 9558-9564.
7. Silverstein, S.C. and Loike, J.D. (1980). Phagocytosis. In: *Mononuclear Phagocytes* (R. van Furth and Z.A. Cohn, eds.). Nijhoff, Amsterdam, pp. 895-917.
8. Silverstein, S.C., Michl, J. and Loike, J.D. (1980). Studies on the Mechanisms of Phagocytosis. Symposium papers of the 2nd International Conference on Cell Biology, pp.602-622.
9. Loike, J.D., Silverstein, S.C. and Sturtevant, J. M. (1981). Application of Differential Scanning Microcalorimetry to the Study of Cellular Processes. I. Heat Production and Glucose Oxidation of Murine Macrophages. *Proceedings of the National Academy of Sciences*, 78, 5958-5962.
10. Loike, J.D. (1982). VP-16-213 and Podophyllotoxin; A Study on the Relationship Between chemical Structure and Biological Activity. *Cancer Chemotherapy and Pharmacology*, 7, 103-111.
11. Loike, J.D. and Silverstein, S.C. (1983). A Fluorescent Quenching Technique using Trypan Blue to Differentiate Between Attached and Ingested Glutaraldehyde-fixed Red Blood Cells in Phagocytosing Macrophages. *Journal of Immunological Methods*, 57, 373-379.
12. Loike, J.D. (1984). VP-16-213 and Podophyllotoxin. A Review of their Different Mechanisms of Action. *Trends in Pharmacological Sciences*, 5, 30-33.
13. Loike, J.D., Kozler, V.F. and Silverstein, S.C. (1984). Creatine Kinase Expression and Creatine Phosphate Accumulation are Developmentally Regulated During Differentiation of Human and Mouse Monocytes. *Journal of Experimental Medicine*, 159, 746-757.
14. Loike, J.D., Somes, M., & Silverstein, S.C. (1986). Creatine uptake, metabolism, and efflux in human monocytes and macrophages. *American Journal of Physiology*, 251(Pt 1), C128-35.
15. Loike, J.D., Zalutsky, D.L., Kaback, E., Miranda, A.F., & Silverstein, S.C. (1988). Extracellular Creatine Regulates Creatine Transport in Rat and Human Muscle Cells. *Proceedings of the National Academy of Sciences*, 85, 807-811.
16. Hoffman, E.P., Fischbeck, K., Brown, R.H., Johnson, M., Medori, R., Loike, J., Harris, J.B., Waterston, R., Brook, M., Specht, L., Kupsky, R., Chamberlain, J., Caskey, C. T., Shapiro, F. & Kunkel, L.M. (1988). Characterization of dystrophin in

muscle-biopsy specimens from patients with Duchenne's or Becker's muscular dystrophy. *New England Journal of Medicine*, 318, 1363-1368.

17. Wright, S.D., Weitz, J.I., Huang, A.J., Levin, S.M., Silverstein, S.C. and Loike, J. D. (1988). Complement receptor type three (CR3, CD11b/CD18) of human polymorphonuclear leukocytes recognizes fibrinogen. *Proceedings of the National Academy of Sciences*, 85, 7734-7738.
18. Fischbarg, J., Kuang, K., Hirsch, J., Lecuona, S., Rogozinski, L, Silverstein, S.C., & Loike, J.D. (1989). Evidence that the glucose transporter serves as a water channel in J774 macrophages. *Proceedings of the National Academy of Sciences*, 86, 8397-8401.
19. Fischbarg, J., Kuang, K., Vera, J.C., Arant, S., Silverstein, S.C., Loike, J.D. and Rosen, O.M. (1990). Glucose transporters serve as water channels. *Proceedings of the National Academy of Sciences*, 87, 3244-3247.
20. Loike, J.D. (1990). Biological and clinical properties of podophyllotoxin and other lignans, in *Lignans: Chemical, biological and clinical properties*. Cambridge Press (Ayres & Loike, Eds).
21. Loike, J.D. (1990). Etoposide and teniposide, in *Lignans: Chemical, biological and clinical properties*. Cambridge Press (Ayres & Loike, Eds).
22. Loike, J.D., Sodek, B., Lecuona, S., Weitz, J., Detmers, P.A., Wright, S.W., & Silverstein, S.C. (1991). CDc/CD18 on Neutrophils is a receptor for fibrinogen. *Proceedings of the National Academy of Sciences*, 88, 11044-1048.
23. Loike, J.D. (1991). *From genes to dreams-ethical issues of molecular medicine*. Monograph; Association of Orthodox Jewish Scientists.
24. Loike, J.D., Brett, J., Ogawa, S., Silverstein, S.C. and Stern, D. (1992). Hypoxia and inhibition of oxidative phosphorylation induce glucose transporter expression in cultured endothelial cells. *American Journal of Physiology*, 263, c326-c333.
25. Loike, J.D., R. Silverstein, S.D. Wright, J.I. Weitz and S. C. Silverstein. (1992). The role of protected extracellular compartments in interactions between leukocytes, and platelets and fibrin/fibrinogen matrices. in *Plasminogen activation in fibrinoglysis, in tissue remodeling, and in development*. Brakman, P., and Kluft, C., (Editors) Ann. N.Y. Acad. Sci. 667:163-177, 1992.
26. Fischbarg, J., K. Kuang, J. Li, S. Arant-Hickman, J.C. Vera, S.C. Silverstein, J.D. Loike. (1993). Facilitative and sodium dependent glucose transporters behave as water channels. Isotonic transport in leaky epithelia. *Alfred Benzon Symposium*, 34, 432-446.
27. Loike, J.D, R. Silverstein, L. Cao, L. Solomon, J.Weitz, E. Haber, G.R. Matsueda, M.S. Bernatowicz, and S.C. Silverstein. (1993). Activated platelets form protected

compartments with fibrinogen and fibronectin-coated surfaces. *Journal of Cell Biology*, 121, 945-955.

28. Loike, J.D., Kaback, E., Silverstein, S.C. and Steinberg, T.S. (1993). pH-dependent lactate transport in macrophages. *Journal of Immunology*, 150, 1-8.
29. Loike, J.D., M, Cao, L., Silverstein, S.C., Vera, J.C., and Fischbarg, J. (1993). Inhibitors of glucose transport reduce diffusional water permeability through J774 cells. *Journal of General Physiology*, 102, 1-10.
30. Silverstein, S.C. and Loike, J.D. (1993). Public needs to learn of NIH's role in university research. *FASEB Newsletter* (June/July 1993).
31. Silverstein, S.C. and Loike, J.D. (1993). Scientists must educate the public that NIH is the principal federal agency that supports biomedical research. *FASEB J.*, 7, 1309.
32. Silverstein, S.C., Fitch, F.W., and Loike, J.D. (1993). Scientists Should Make Sure They Give NIH Proper Credit For Funding Their Research. *The Scientist*, 7(22), 12.
33. Hoffman, S. Dutton, S.L., Ernst, H., Boackle, M.K., Everman, D., Tourkin, A., and Loike, J.D. (1994). Functional characterization of anti-adhesion molecules. *Perspectives in Development Neurobiology*, 2, 101-110.
34. El Khoury, J., J. Loike, L. Cao, C. Thomas, and S.C. Silverstein. (1994). Macrophages adhere to glucose-modified fibronectin and collagen IV via their scavenger receptors. *Journal of Biological Chemistry*, 269, 10197-10200.
35. Loike, J.D., Richards, C.P., Manderville, J., Maxfield, F., El Khoury, J., Cao, L., and Silverstein, S.C. (1995). Fibrin regulates neutrophil migration in response to interleukin 8 and LTB₄, TNF or fMLP. *Journal of Experimental Medicine*, 181, 1763-1772.
36. El Khoury, J., S. E. Hickman, C. A. Thomas, L. Cao, S.C. Silverstein, and J. D. Loike. (1996). Scavenger receptor-mediated adhesion of microglia to β -amyloid fibrils and secretion of reactive oxygen species. *Nature*, 382, 716-719.
37. Loike, J.D., S.A. Hickman, K. K. Ming Xu, L. Cao, J. C. Vera, S. C. Silverstein, and J. Fischbarg. (1996). Sodium/glucose cotransporters display sodium and phlorizin-dependent water permeability. *American Journal of Physiology*, 271, c1774-1779, 1996.
38. Benimetskaya, L., Loike, J.D., Khaled, Z. Loike, G., Silverstein, S.C., Cao, L., El-Khoury, J., Cai, T. and Stein, C.A. (1997). Mac-1 (CD11b/CD18) is an oligodexoy nucleotide binding protein. *Nature Medicine*, 3, 414-420.

39. Yin, B., Loike, J.D. Weinstock, P.H., Breslow, J.L., Silverstein, S.C., and Goldberg, I.J. (1997). Lipoprotein Lipase regulates metabolic energy in phagocytosing macrophages during hypoglycemia. *Journal of Clinical Investigation*, 100, 649-657.
40. El Khoury, J., S. E. Hickman, C.A. Thomas, J.D. Loike and S.C. Silverstein. (1998). Microglia, scavenger receptors, and the pathogenesis of Alzheimer's disease. *Neurobiology of Aging*, 19, 581-584.
41. Loike, J.D. and A. Steinberg. (1998). Medical Ethics Series: Human cloning: a scientific and Jewish perspective. *Tradition*, 32.
42. Maxeiner, H., Huseman, J. Thomas, C.A., Loike, J.D., El Khoury, J., Silverstein, S.C. (1998). Complementary roles for scavenger receptor A and CD36 of human monocyte-derived macrophages in adhesion to surfaces coated with oxidized low density lipoproteins and secretion of H₂O₂. *Journal of Experimental Medicine*, 188, 2257-2265.
43. Loike, J.D, L. Cao, Y. M. Li, S. Budhu, E.E. Marcantonio, J. El Khoury, S. Hoffman, T. A. Yednock and S.C. Silverstein. (1999). Chemoattractants differentially stimulate α 1 integrin activity to regulate neutrophil migration through fibrin. *Journal of Cell Biology*, 144, 1047-1056.
44. Evans, M. C. Gurer, J.D. Loike, A. Schnieke, E.A. Schon. Mitochondrial genotypes in nuclear transfer-derived cloned sheep. *Nature Genetics* 23:90-93, 1999.
45. Steinberg, A. and J.D. Loike. Medical Ethics Series. Human Cloning: Scientific, Ethical and Jewish Perspectives Assia IV, 1998.
46. Thienel, U. J.D. Loike, and M.J. Yellin. CD154 (CD40L) induces human endothelial cell chemokine production and migration of leukocytes subsets. *Cell Immunol.* 198:87-95, 1999.
47. Loike, J.D.. Medical Ethics Series: Is a Human Clone a Golem? The Torah U-Madda Journal 9:236-245, 2000.
48. Husemann, J., J.D. Loike, T. Kodama, and S.C. Silverstein. Scavenger receptor B1 mediates adhesion and reactive oxygen species secretion by newborn murine microglia on fibrillar β -amyloid-containing matrices. *J. Neuroimmunology* 114:142-150, 2001.
49. Loike, J.D, L. Cao, S. Budhu, S. Hoffman, and S.C. Silverstein. Blockade of α 5 β 1 integrins reverses tenascin's inhibitory effect on chemotaxis of human monocytes and polymorphonuclear leukocytes through three-dimensional Gels of extracellular matrix proteins. *J. Immunology* 166:7534-7542, 2001.
50. Loike, J.D. Bioethical and legal boundaries of human cloning. *American Society of Cell Biology Newsletter*, 24:7-10, 2001.

51. Berger, M., S. Budhu, Y. Li, D. Loike, S. C. Silverstein, and J.D. Loike. Differential effects of chemoattractants and matrix proteins on PMN H₂O₂ production: chemoattractant Gi-coupled receptors activate qualitatively different signals. *J. Leukocyte Biology* 71:798-806, 2002.
52. Li, Y., J. D. Loike, L. Cao, S. C. Silverstein. The bacterial peptide fMLP inhibits killing of *S. epidermidis* by human neutrophils in fibrin gels. *J Immunol.* 168:816-24, 2002.
53. Yongmei Li, Arthur Karlin, J.D. Loike, and S.C. Silverstein. A critical concentration of neutrophils is required for efficient bacterial killing in suspension. *Proc. Natl Acad Sci.* 99:8289-94, 2002.
54. Loike, J. D. and M.D. Tendler. *Homo Sapiens: Reformulating the Definition Of Species.* Kennedy Institute of Ethics Journal, 12: 343-350, 2002.
55. Husemann, J., J.D. Loike and S. C. Silverstein. Scavenger receptors in neurobiology: Their role on microglia and other cells of the nervous system. *Glia.* 40:195-205, 2002.
56. Wyss-Coray, Tony, J. D. Loike, Thomas Brionne, Emily Lu, Samuel C. Silverstein and Jens Husemann. Binding, uptake and degradation of amyloid- β 1-42 by adult murine astrocytes. *Nature Medicine* 4:453-457. 2003
57. Loike, J.D. Why is This Gene Different From All Other Genes? *The Jewish Press*, March 7th, 2003.
58. Loike, J.D. Hello Dolly, Goodbye Dolly. *Columbia College Journal of Bioethics.* Vol 1:pg 7-9, Fall 2003.
59. Loike, J.D. and Tendler, M.D. Halakhic Definition of Homo Sapiens. *Tradition*, 37:2 pg 1-19, 2003. PMID: 15468502.
60. Loike, J.D. Reproducible Cloning. *Columbia University Journal of Bioethics.* 2:7-9, 2003.
61. Yongmei Li, A. Karlin, J.D. Loike, and S.C. Silverstein. Determination of the critical concentration of neutrophils required to block bacterial growth in tissues. *J Exp Med*, 200:613-622, 2004. PMID: 15353554.
62. Loike, J.D., D.Y. Shabtai, R. Neuhut, S. Malitzky, E. Lu, J. Husemann, I. J. Goldberg, and S.C. Silverstein. Statin inhibition of Fc-receptor mediated phagocytosis by macrophages is modulated by cell activation and cholesterol. *Arterioscler Thromb Vasc Biol* 24:2051-2057, 2004. PMID: 15345508.
63. Loike, J.D. Is a Human Clone a Golem? In *Mind, Body and Judaism: The Interaction of Jewish Law With Psychology and Biology* (eds David Shatz, Joel B. Wolowelsky). Ktav Pub Inc pg 300-310, 2004.

64. Steinberg, A. and Loike, J.D., Human cloning in Jewish Medical Ethics Vol 1 (M. Halperin, D. Fink, and S. Glick eds) The Schlesinger Institute, Jerusalem 2004 pg 192-209.
65. Loike, J.D., A rabbinical-scientist dialogue on the Ethical challenge in stem cell research and in vitro fertilization. The Jewish Press, September 30, 2005.
66. Loike, J.D., et al., Are your genes up for the job? Columbia University Journal of Bioethics 5:67-69, 2006.
67. Loike, J.D. BIOCEP: Cross Cultural Education in Bioethics. Columbia University Journal of Bioethics 6:75, 2007.
68. Loike, J.D., et al., e-BABY: Your Source for Designer Babies. Columbia University Journal of Bioethics 6, 40-41, 2007.
69. Loike, J.D. and Tendler, M.D. Ethical Dilemmas in Stem Cell Research: Human-Animal Chimeras. Tradition, 40:20-50, 2007.
70. Loike, J.D. and Tendler, M.D. Molecular Genetics, Evolution, and Torah Principles. The Torah U'Madda Journal, 14:173-192, 2006-07.
71. Fischbach, R.L. and Loike, J. D. Postmortem Fatherhood: Life After Life. Lancet 37:2166-2177, 2008. PMID: 18595168.
72. Tallozy, Z., Santambrogio, L., Joset, D., Ray, Y., Martinez, J., Mizushima, N., Loike, J.D., David Sulzer. Methamphetamine inhibits antigen processing and presentation in dendritic cells and phagocytosis by macrophages. PLOS-Pathogen 4:28-48, 2008. PMID: 18282092.
73. Loike, J.D., Fischbach, Ruth, L. End of Life Issues from a Jewish Perspective. The Jewish Press June 25th, 2008, pg 16.
74. Loike, J.D., and Tendler, M.D. Reconstituting a Human Brain in Animals: a Jewish Perspective on Human Sanctity and Chimera Research. Kennedy Institute of Ethics Journal, 18:347-367, 2008. PMID: 19143409.
75. Loike, J.D., Tendler, M.D. Ethical/Halachic Challenges Emerging From Stem Cell Research. Jewish Political Studies Review (Fall 2009).
76. Loike, J.D. and Tendler, M.D. Behavior Genetics: A Quest for an Ethical Genome. Assia- Jewish Medical Ethics, 7:14-23 2009.
77. Loike, J.D. Fischbach, R.L. Benefits of the stem cell ban. The Scientist June 8th 2009. <http://www.the-scientist.com/news/display/55752/>.

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80. Loike, J.D. Internal and external forces influencing moral decision-making processes. (To be published in 2011).
81. Budhu, S., Loike, J.D., Constantinescu, A., Pandolfi, A., Clynes, R., and Silverstein, S.C. CD8+ T-cell concentration determines the efficiency of killing of cognate antigen-expressing syngeneic mammalian cells in vitro and in vivo. *Journal of Experimental Medicine*, 207:223-235, 2010. PMID: 20065066.
82. Zhang, W., Phillips, K., Wielgus, A.R., Liu, J., Albertini, A., Zucca, F.A., Faust, R., Qian, Y., Miller, D.S., Chignell, C.F., Wilson, B., Jackson-Lewis, V., Przedborski, S., Joset, D., Loike, J.D., Hong, J., Sulzer, D., and Zecca, L. Microglial Mac-1 is involved in phagocytosis of neuromelanin and neuronal death: implications for Parkinson's disease" *Neurotoxicity Research* Jan;19(1):63-72, 2010. PMID: 19957214.
83. Arslanoglu, J. Schultz, J., Loike, J.D. and Peterson, K. Immunology and Art: Using Antibody-based Techniques to Identify Proteins and Gums in Binding Media and Adhesives. *J. Biosci.* 35(1), March 2010. PMID: 20413903.
84. Loike, J.D., Gillick, M., Prager, K., Mayer, S., Simon, J. Steinberg, A., Tendler, M.D., Willig, M., and Fischbach, R.L. The Critical Role of Religion: Caring for the Dying Patient from an Orthodox Jewish Perspective. *Journal of Palliative Medicine*, vol 13: 1267-1271, 2010. PMID: 20874235.
85. Loike, J.D. DNA Technology: The power to detect and create. *The Jewish Press* pg 18, July 2, 2010.
86. Arslanoglu, J., Zaleski, S., Loik, J.D. An improved method of protein localization in artworks through SERS nanotag-complexed antibodies. *Analytical and Bioanalytical Chemistry*, 399; 2997-3010, 2011. PMID: 21079929.
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90. Miller, J. Loike, J.D. BioCEP: A Model Educational Program for Cross-cultural Bioethics. Cambridge Quarterly of Healthcare Ethics, 21:409-415, 2012. PMID: 22624549.
91. Phani, S., Loike, J.D., Przedborski, S. Neurodegeneration and Inflammation in Parkinson's Disease. Parkinsonism Related Disorders. 2012 Jan;18 Suppl 1:S207-9. PMID: 22166436.
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