

Curriculum Vitae

Name: Alfred Imre Tauber

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Date of Birth: June 24, 1947

Place of Birth: Washington, D.C.

Education:

1965-1969 Tufts University, College of Liberal Arts, B.S.

1969-1973 Tufts University School of Medicine, M.D.

Postdoctoral training:

Internship and Residencies:

1973-1974 Intern in Medicine, University of Washington Affiliated Hospitals; Seattle, Washington

1974-1975 Resident in Medicine, University of Washington Affiliated Hospitals

Fellowships:

1975-1976 Clinical Fellow in Medicine (Hematology) Tufts-New England Medical Center Hospital, Boston

1976-1977 Research Fellow in Medicine (Hematology) Tufts-New England Medical Center Hospital

1977-1978 Research Fellow in Medicine, Harvard Medical School; Research Fellow, Robert B. Brigham Hospital, Boston, MA

Academic appointments:

1978-1980 Instructor in Medicine, Harvard Medical School

1980-1982 Assistant Professor of Medicine, Harvard Medical School

1982-1986 Associate Professor of Medicine, Boston University School of Medicine (BUSM)

1982-1986 Associate Research Professor of Biochemistry, BUSM

1985-1987 Associate Professor of Pathology, BUSM

1986-1987 Associate Professor, Department of Pathology, Division of Medical and Dental Sciences, Boston University Graduate School

1986-2004 Professor of Medicine, BUSM

1987-2011 Professor of Pathology, BUSM

1991-1992 Adjunct Professor of Biology, College of Liberal Arts, Boston University

1992-2011 Professor of Philosophy (tenured, 1998), College of Arts and Sciences, Boston University

2004-2011 Zoltan Kohn Professor of Medicine, Boston University School of Medicine

2011- Zoltan Kohn Professor of Medicine, *emeritus*, School of Medicine, Boston University

2011- Professor of Philosophy, *emeritus*, College of Arts and Sciences, Boston University

Other appointments and awards:

1973 Alpha Omega Alpha, Tufts University School of Medicine, Boston, MA

1978- Board of Fellows, Brandeis University

1986-1988 Member of the Board, Boston University Hillel Foundation

1987-1989	Research Committee of Scripps Clinic and Research Foundation, La Jolla, CA
1989-	<i>Who's Who in America</i>
1993-2000	Dibner Institute Advisory Committee, Dibner Institute for the History of Science and Technology, Cambridge, MA.
1995-1997	Faculty Advisory Council on the Natural Sciences, Center for the Study of World Religions, Harvard University
1998-2002	Advisory Board, Program in the History of Ideas, Brandeis University
2000	<i>Confessions of a Medicine Man</i> (MIT Press, 1999) cited by <i>Choice</i> as “Outstanding Academic Title” and awarded First Prize, Allied Health category, by the American Medical Writers Association
2003-2013	Trustee, Tufts University
2006	Phi Beta Kappa (Honorary), Tufts University Chapter
2006	The Gold Humanism Honor Society, BU School of Medicine Chapter
2007-2010	Chairman, Academic Affairs Committee; Executive Committee; and Honorary Degree Committee, Board of Trustees, Tufts University
2008	Medal for Science, Institute of Advanced Studies, University of Bologna
2010-	Board of Governors, University of Haifa
2011	Doctor of Philosophy <i>honoris causa</i> , University of Haifa
2011-	Founder and President, Avaloch Farm Music Institute, Boscawen, New Hampshire
2012-2014	Board of Directors, New Israel Fund
2013-2019	Chairman, Board of Governors, University of Haifa
2013-2016	Board of Governors, Tel Aviv University
2013-	Trustee <i>emeritus</i> , Tufts University
2014-2018	Chairman of the Board, Molad, The Center for the Renewal of Israeli Democracy
2014	Outstanding Citizen of the Year, Boscawen, New Hampshire
2016-2020	Founder and Chairman of the Board, Alliance for Israel’s Future
2019-	Chairman <i>emeritus</i> , Board of Governors, University of Haifa

BIBLIOGRAPHY

Summary: monographs – 15; edited works – 13; critical studies of immunology – 53; miscellaneous history and philosophy of science/medicine papers – 24; ethics papers – 30; papers on Freud – 13; American philosophy papers – 8; autobiographies – 2 papers and 2 monographs; book reviews, short introductions, and book forewords – 51; original scientific reports – 84; scientific reviews, letters, and book chapters – 23; scientific abstracts – 47.

Monographs

15. Swiatczak, B. and Tauber A.I. *Principles of Immunology, Philosophical Perspectives*. Under contract, Oxford University Press.

14. Tauber, A.I. *William James and Sigmund Freud on the Mind. Saving Subjectivity*. Routledge, 2025.

13. Tauber, A.I. *The Triumph of Uncertainty. Science and Self in the Postmodern Age*. Central European University Press, 2022.

12. Tauber, A.I. *Conceived in Stockholm. Vol. 2, Scholarship as Self-Knowledge*. Parker, CO: Outskirts Press, 2021.

11. Tauber, A.I. *Conceived in Stockholm. Vol. 1, A Tale of Fathers and Sons*. Parker, CO: Outskirts Press, 2020.
10. Tauber, A.I. *Immunity: The Evolution of an Idea*, New York: Oxford University Press, 2017 (paperback 2018).
9. Tauber, A.I. *Requiem for the Ego. Freud and the Origins of Postmodernism*. Stanford, CA: Stanford University Press, 2013. Spanish translation, 2016. *Réquiem por el Ego. Freud y los Orígenes de la Postmodernidad*. D. Mejía (trans.). Madrid: Avarigani Editores.
8. Tauber, A.I. *Freud, the Reluctant Philosopher*. Princeton: Princeton University Press, 2010. (Hardback and paperback editions) Short-listed for Gradiva Award, National Association for the Advancement of Psychoanalysis, 2011; Spanish translation, *Freud, el Filósofo Reticente*, Madrid: Avarigani Editores, 2014.
7. Tauber, A.I. *Science and the Quest for Meaning*. Waco, TX: Baylor University Press, 2009.
6. Tauber, AI. *Patient Autonomy and the Ethics of Responsibility*. Cambridge: The MIT Press, 2005. (Hardback and paperback editions)
5. Tauber, A.I. *Henry David Thoreau and the Moral Agency of Knowing*. Berkeley and Los Angeles: University of California Press, 2001. (Paperback 2003)
4. Tauber, A.I. *Confessions of a Medicine Man. An Essay in Popular Philosophy*. Cambridge: The MIT Press, A Bradford Book, 1999. (Paperback 2000). Awarded “Outstanding Academic Title” by *Choice* (Journal of the American Library Association) and First Prize, Allied Health category, by the American Medical Writers Association. Korean translation, 2004; Spanish translation, with new Preface, 2011: *Confesiones de un médico*, trans. de Antonio Casado da Rocha, Madrid: Triacastela.
3. Podolsky S.H. and Tauber, AI. *The Generation of Diversity: Clonal Selection Theory and the Rise of Molecular Immunology*. Cambridge: Harvard University Press, 1997. (Paperback 2000, Tauber and Podolsky)
2. Tauber A. I. *The Immune Self: Theory or Metaphor?* New York: Cambridge University Press, 1994. Paperback 1996; Italian translation, 1999. *L'immunologia Dell'io*, G. Corbellini (trans.). Milano: McGraw Hill Libri Italia, 1999)
1. Tauber A. I. and Chernyak L. *Metchnikoff and the Origins of Immunology: From Metaphor to Theory*. New York: Oxford University Press, 1991.

Edited works

13. Tauber, A.I. “Philosophy of Medicine,” *Perspectives in Biology and Medicine*, 51:317-463, 2008.
12. Cooper, R. A. and Tauber, A.I. ”Values and Ethics: A Collection of Curricular Reforms for a New Generation of Physicians,” *Academic Medicine* 82:405–427, 2007.
11. Gourko, H., Williamson, DI. and Tauber, AI. (Edited, translated, and annotated) *The Evolutionary Biology Papers of Elie Metchnikoff*. Dordrecht: Kluwer Academic Publishers, 2000.

10. Cohen, RS. and Tauber, AI. *Philosophies of Nature: The Human Dimension. In Celebration of Erazim Kohak. Vol. 195, Boston Studies in the Philosophy of Science.* Dordrecht: Kluwer Academic Publishers, 1998.
9. Tauber, A. I. and Kanamori, A. "A Symposium on David Hilbert." *Synthese* 110: 1-166, 1997.
8. Keating, P, Balaban, M., Cambrosio, A. and Tauber, AI. "Historical Studies in Immunology." *Journal of the History of Biology.* (Special journal issue) Vol. 30, No. 3, pp. 317ff. 1997.
7. Tauber, AI. *Science and the Quest for Reality.* New York: New York University Press and London: Macmillan Press, 1997. (Hardback and paperback editions).
6. Tauber AI. *The Elusive Synthesis: Aesthetics and Science. Volume 182, Boston Studies in the Philosophy of Science.* Dordrecht: Kluwer Academic Publishers, 1996. (Paperback edition, 1997).
5. Gilbert, SF and Tauber, AI. (Special journal issue) "Science and Postmodernism." *Science in Context*, 8: 559-655, 1995.
4. Cambrosio A, Keating P, and Tauber AI. "Conceptual Foundations of Immunology" *Journal of the History of Biology* (Special journal issue) 27:375ff, 1994.
3. Gilbert, SF, Sarkar, S, and Tauber, AI. "Symposium on the *Evolution of Individuality* by Leo W. Buss." *Biology and Philosophy* 7:461-499, 1992.
2. Tauber AI. *Organism and the Origins of Self. Volume 129, Boston Studies in the Philosophy of Science.* Dordrecht: Kluwer Academic Publishers, 1991.
1. Tauber AI, Wintroub BU, and Simon AS. *Progress in Clinical and Biological Research. Vol. 297. Biochemistry of the Acute Allergic Reaction, Fifth International Symposium.* New York: Alan R. Liss, 1989. [Festschrift for K. Frank Austen].

Papers

Critical studies of immunology

53. Tauber, AI. 2021. A conceptual history of immunology, in *Histoire des Sciences de la Vie et de la Médecine, Volume III. Époque Contemporaine (XIXe – XXIe Siècles)*, J. C. Dupont (ed.). London: Wiley-ISTE
52. Swiatczak, B. and Tauber AI. 2020. Philosophy of immunology, *The Stanford Encyclopedia of Philosophy*, Edward N. Zalta (ed.), URL = <https://plato.stanford.edu/entries/immunology/>
51. Swiatczak, B. and Tauber, A.I. 2018. Holoimmunity revisited, *BioEssays*, Sept. 28, 2018 (Vol. 40) <https://doi.org/10.1002/bies.201800117>
50. Tauber, A.I. 2017. Philosophy of immunology, *Stanford Encyclopedia of Philosophy, The Stanford Encyclopedia of Philosophy*, Edward N. Zalta (ed.), URL = <https://plato.stanford.edu/archives/spr2017/entries/immunology/>

49. Tauber, A.I. 2017. Reconceiving immunology as an ecological science, in *Landscapes of Collectivity*, ed. by S. Gissis, E. Lamm, and A. Shavit, Cambridge: MIT Press, 281-290.
48. Tauber, A.I., 2017. Immunity, a collective phenomenon, in *Landscapes of Collectivity*, ed. by S. Gissis, E. Lamm, and A. Shavit, Cambridge: MIT Press, pp. 101-110.
47. Tauber, A.I. 2016. A hypothesis: Establishing the microbiome through immune mimicry, *BioEssays* DOI: 10.1002/bies.201600173
46. Tauber, A.I. 2016. Metchnikoff's radicalism, *Klinicheskaya Patofiziologiya - Clinical Pathophysiology*, 22: 29-37.
45. Gilbert, S.F. and Tauber, A.I. 2016. Rethinking individuality: The dialectics of the holobiont, *Biology and Philosophy*, 31: 839-53. DOI 10.1007/s10539-016-9541-3.
44. Tauber, A.I. 2016. Immunity in context: Science and society in dialogue, *THEORIA. An International Journal for Theory, History and Foundations of Science*, 31:207-224. DOI: 10.1387/theoria.14560
43. Tauber, A.I. 2015. Essay review: Immunology seen through the dark glass of autoimmunity, *Intolerant Bodies. A Short History of Autoimmunity*, by Warwick Anderson and Ian R. Mackay. Baltimore: The Johns Hopkins University Press, 2014, *Metascience* 24: 385-91. DOI: 10.1007/s11016-014-9980-x.
42. Tauber, A.I. 2015. Reconceiving autoimmunity: An overview, *Journal of Theoretical Biology*, 375: 52-60. <http://dx.doi.org/10.1016/j.jtbi.2014.05.029>
41. Tauber, A.I. 2013. Immunology's theories of cognition, *History and Philosophy of the Life Sciences*, 35: 239-64.
40. Tauber, A. I. 2013. Ilya Metchnikoff: From evolutionist to immunologist and back again, in *Outsider Scientists: Routes to Innovation in Biology*, O. Harman and M. Dietrich (eds.). Chicago: University of Chicago Press, pp. 259-74.
39. Tauber, A.I. 2012. From the immune self to moral agency. Comments. *Avant* 3:101-5. http://avant.edu.pl/wp-content/uploads/ATauber-From-the-immune-Avant_12012_online.doc.pdf
38. Tauber, A.I. 2012. Book review essay: *The Limits of the Self. Immunology and Biological Identity*, by Thomas Pradeu, E. Vitanza (trans.). New York: Oxford University Press, *Notre Dame Philosophical Reviews*, <http://ndpr.nd.edu/news/31627-the-limits-of-the-self-immunology-and-biological-identity/>
37. Gilbert, S.H., Sapp, J., and Tauber, A.I. 2012. A symbiotic view of life: We have never been individuals, *Quarterly Review of Biology*, 87:325-41. <http://www.jstor.org/stable/10.1086/668166?origin=JSTOR-pdf&>
Reprinted pamphlet: Gilbert, S., Sapp, J., and Tauber, A. 2021. *Todos Somos Líquenes: Una Visión Simbiótica de la Vida* [*We are all Lichens*], Hifas Editoriales, Chamiza Puerto Montt, Chile. Gilbert, S.H., Sapp, J., and Tauber, A. *Todos Somos Líquenes. Una Visión Simbiótica de la Vida*. [*We are all Lichens*]. Hifas Editoriales
36. Tauber, A. I. 2011. The cognitivist paradigm 20 years later, *Constructivist Foundations*, 6: 342-4.

35. Tauber, A. I. 2010. A tale of two immunologies, in *Immunology Today. Three Historical Perspectives under Three Theoretical Horizons*. A. Grignolio (ed.). Bologna, IT: Bononia University Press, pp. 15-34.
34. Tauber, A.I. 2008. Expanding immunology: Defensive versus ecological perspectives. Essay Review: *Defending Life. The Nature of Host-parasite Relations* by Elling Ulvestad, Dordrecht: Springer, 2007. *Perspectives in Biology and Medicine*, 51:270-84.
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31. Tauber, A.I. 2004. Immunology and the enigma of selfhood, in *Growing Explanations. Historical Perspectives on Recent Science*, M. N. Norton Wise (ed.). Durham: Duke University Press, pp. 201-21.
30. Tauber, AI. 2003. Metchnikoff and the phagocytosis theory, *Nature Reviews, Molecular Cell Biology*. 4:897-901.
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28. Crist, E. and Tauber, A.I. 2001. The phagocyte, the antibody and agency in immunity: Contending turn-of-the-century approaches, in A.M. Moulin and A. Cambrosio (eds.), *Singular Selves: Historical Issues and Contemporary Debates in Immunology*. Amsterdam: Elsevier, pp. 115-39.
27. Tauber, A.I. 2001. Tales of neglected (orphaned?) historiographies, in A.M. Moulin and A. Cambrosio (eds.), *Singular Selves: Historical Issues and Contemporary Debates in Immunology*. Amsterdam: Elsevier, pp. 247-58.
26. Tauber, A.I. 2000. Moving beyond the immune self? *Seminars in Immunology*. 12:241-48.
25. Tauber, AI. 2000. Introduction, in *The Evolutionary Biology Papers of Elie Metchnikoff*, Gourko, H., Williamson, DI. and Tauber, AI. (Eds.). Dordrecht: Kluwer Academic Publishers, pp. 1-21.
24. Crist, E. And Tauber, AI. 1999. Selfhood, immunity, and the biological imagination: The thought of Frank Macfarlane Burnet. *Biology and Philosophy*. 15:509-33.
23. Tauber, AI. 1999. The elusive immune self: A case of category errors. *Perspectives in Biology and Medicine*. 42:459-74.
22. Tauber, AI. 1998. Response to Melvin Cohn. How Cohn's two-signal model was turned, in *Paradigm Changes in Organ Transplantation*, K. F. Schaffner and T.E. Starzl (eds.) *Theoretical Medicine and Bioethics* 19:485-94.
21. Tauber, AI. 1998. Conceptual shifts in immunology: Comments on the "two-way paradigm," in *Paradigm Changes in Organ Transplantation*, K. F. Schaffner and T.E. Starzl (eds.) *Theoretical Medicine and Bioethics* 19:457-473.

20. Tauber, AI. 1997. Historical and philosophical perspectives on immune cognition. *Journal of the History of Biology* 30:419-440.
19. Crist, E. and Tauber, AI. 1997. Debating humoral immunity and epistemology: The rivalry of the immunochemists Jules Bordet and Paul Ehrlich. *Journal of the History of Biology*, 30:321-356.
18. Podolsky, S.H. and Tauber, A.I. 1996. Darwinism and antibody diversity: A historical perspective. *Research Immunology* 147:199-202.
17. Tauber AI. 1996. The molecularization of immunology. In: Sarkar, S. (ed.) *The Philosophy and History of Molecular Biology: New Perspectives*. Dordrecht: Kluwer Academic Publishers, pp. 125-169.
16. Tauber, AI. 1995. Postmodernism and the immune self. *Science in Context*. 8:579-607.
15. Cambrosio, A., Keating, P. & Tauber, A.I. 1994. Introduction: Immunology as a historical object. *Journal of the History of Biology* 27:375-378.
14. Tauber AI, and Podolsky SH. 1994. Macfarlane Burnet and the declaration of the immune self. *Journal of the History of Biology* 27: 531-573.
13. Tauber AI. 1994. The immune Self: From theory to metaphor. *Immunology Today*. 15:134-136.
12. Tauber AI. 1992. The organismal Self: It's philosophical context. In: Rouner, L. (ed). *Selves, People, and Persons, Volume 13, Boston University Studies in Philosophy and Religion*. Notre Dame: Notre Dame University Press, pp. 149-167.
11. Chernyak L. and Tauber AI. 1992. Concerning individuality. *Biology and Philosophy* 7:489-499.
10. Tauber AI. 1992. The birth of immunology: III. The fate of the phagocytosis theory. *Cellular Immunology* 139:505-530.
9. Chernyak L and Tauber AI. 1991. The dialectical Self: Immunology's contribution, in *Organism and the Origins of Self*, A.I. Tauber, editor. Dordrecht: Kluwer Academic Publishers, 1991, pp. 109-156.
8. Tauber AI. Introduction: Speculations on organism and the origins of Self, in *Organism and the Origins of Self*. AI Tauber, editor. Dordrecht: Kluwer Academic Publishers, pp. 1-39.
7. Tauber AI. 1991. The immunological Self: A centenary perspective. *Perspectives in Biology and Medicine* 35:74-86.
6. Tauber AI. 1991. A case of defense: Metchnikoff at the Pasteur Institute, in *L'Immunologie: L'Heritage de Pasteur*, eds. P.A. Cazenave and G.P. Talwar. New Delhi: Wiley Eastern Limited, pp. 21-36.
5. Tauber AI. 1990. Metchnikoff, the modern immunologist. *Journal of Leukocyte Biology* 47:560-566.
4. Chernyak L and Tauber AI. 1990. The idea of immunity: Metchnikoff's metaphysics and science. *Journal of the History of Biology* 23:187-249.

3. Tauber AI and Chernyak L. 1989. The birth of immunology: II. Metchnikoff and his critics. *Cellular Immunology* 121:447-473.
2. Tauber AI and Chernyak L. 1989. Metchnikoff and a theory of medicine. *Journal of the Royal Society of Medicine* 82:699-701.
1. Chernyak L and Tauber AI. 1988. The birth of immunology: Metchnikoff, the embryologist. *Cellular Immunology* 117:218-233.

Miscellaneous history and philosophy of science and medicine

24. Curnutte, J.T. and Tauber, A.I. The phagocyte oxidase: The early years, in *NADPH Oxidases Revisited: From Function to Structure*, E. Pick (ed.), Berlin: Springer-Nature. 2022.
23. Tauber, A.I. *The View from Within: A Cognitivist Account*, in *Dialogues in Reason, The View from Within and Without*, Z. Gutzeit and N. Efron (eds.), Tübingen: Mohr Siebeck Verlag.
22. Ben-Jacob, E., Shapira, Y. and Tauber A.I., Smart bacteria, in *Chimera and Consciousness. Evolution of the Sensory Self*, L. Margulis, C.A. Asikainen & W.E. Krumbein, (eds.) Cambridge: The MIT Press, 2011, pp. 55-62.
21. Tauber, A. I. Epigenetics and the “New Biology” – Enlisting in the assault on reductionism, *Transformations of Lamarckism: From Subtle Fluids to Molecular Biology*, S. B. Gissis and E. Jablonka, Cambridge: The MIT Press, 2011, pp. 385-7.
20. Tauber, A. I. Reframing developmental biology and building evolutionary theory’s New Synthesis. Essay Review: *Ecological Developmental Biology. Integrating Epigenetics, Medicine, and Evolution* by Scott F. Gilbert and David Epel. Sunderland, MA: Sinauer Associates, 2009, *Perspectives in Biology and Medicine*, 53:257-70, 2010.
19. Tauber, A. I. Science and reason, reason and faith: A Kantian perspective, in *Intelligent Design. Science or Religion? Critical Perspectives*, R. M. Baird and S. E. Rosenbaum (eds.), Amherst, NY: Prometheus Books, 2007, pp. 307-36. Republished in *Alhikma* 1:73-108, 2008. Originally published as the Herbert H. Reynolds Lectureship, Department of Philosophy, Baylor University, Waco TX. 2006.
18. Ben Jacob, E., Shapira, Y. and Tauber A.I. Seeking the foundations of cognition in bacteria: From Schrödinger’s negative entropy to functional information, *Physica A*, 359:495-524, 2005.
17. Tauber, A.I. A call for scientific literacy: The claims for public understanding, in *Effects of Global Business on Scientific Research*, M. Balaban and H-P Sambuc (eds.) Geneva: Science and Conscience of Man Foundation, 2000. pp. 61-84.
16. Tauber, AI. Book review essay of *The Historiography of Contemporary Science and Technology*, edited by Thomas Soderqvist. Amsterdam: Harwood Academic Publishers, 1997. *Science, Technology, and Human Values*. 24:384-401, 1999.
15. Tauber, AI. Is biology a political science? *BioScience*. 49:479-86, 1999.

14. Podolsky, SH and Tauber, A.I. Nietzsche's conception of health: The idealization of struggle, in *Nietzsche, Epistemology, and Philosophy of Science: Nietzsche and the Sciences II*. edited by B. Babich. Dordrecht: Kluwer Academic Publishers. pp. 299-311, 1999.
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7. Tauber AI, and Sarkar S. The ideological basis of the Human Genome Project. *Journal of the Royal Society of Medicine* 86:537-540, 1993.
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5. Tauber AI. The two faces of medical education/Flexner and Osler revisited. *Journal of the Royal Society of Medicine* 85:598-602, 1992.
4. Tauber AI, and Sarkar S. The Human Genome Project: Has blind reductionism gone too far? *Perspectives in Biology and Medicine* 35:220-235, 1992.
3. Sarkar S, and Tauber AI. Fallacious claims for HGP. *Nature* 353:691, 1991.
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Ethics

30. Tauber A.I. Book review essay of *The Cambridge Handbook of Human Dignity. Interdisciplinary Perspectives*, edited by M. Düwell, J. Braarvig, R. Brownsword, and D. Mieth. Cambridge: Cambridge University Press, 2014. *Perspectives in Biology and Medicine*, 57: 560-8, 2014.
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26. Tauber, A.I. Introduction, in "Philosophy of Medicine," *Perspectives in Biology and Medicine*, 51:317-19, 2008
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<http://tamar.tau.ac.il/~sharron/PNAS/ST3_PDF.pdf>) and movies (1
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30. Sehgal RK, Sengupta SK, Waxman DJ, Tauber AI. Enzymatic and chemical reduction of 2-deaminoactinomycins to free radicals. *Anti-Cancer Drug Design* 1:13-25, 1985.
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23. Kanofsky JR, Wright J, Miles-Richardson GE, Tauber AI. Biochemical requirements for singlet oxygen production by purified human myeloperoxidase. *J. Clin. Invest.* 74:1489-1495, 1984.
22. Borregaard N, Schwartz JH, Tauber AI. Proton secretion by stimulated neutrophils: Significance of hexose monophosphate shunt activity as source of electrons and protons for the respiratory burst. *J. Clin. Invest.* 74:455-459, 1984.
21. Borregaard N, Tauber AI. Subcellular localization of the human neutrophil NADPH-oxidase: b-cytochrome and associated flavoprotein. *J. Biol. Chem.* 259:47-52, 1984.

20. Tauber AI, Fay JR, Marletta MA. Flavonoid inhibition of the human neutrophil NADPH-oxidase. *Biochem. Pharm.* 33:1367-1369, 1984.
19. Lee CW, Lewis RA, Tauber AI, Mehrotra M, Corey EJ, Austen KF. The myeloperoxidase-dependent metabolism of leukotrienes C₄, D₄, and E₄ to 6-trans-leukotriene B₄ diastereoisomeric sulfoxides. *J. Biol. Chem.* 258:15004-15010, 1983.
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17. Badwey JA, Tauber AI, Karnovsky ML. Properties of NADH-cytochrome b₅ reductase from human neutrophils. *Blood* 62:152-157, 1983.
16. Newburger PE, Robinson JM, Pryzwansky KB, Rosoff PM, Greenberger JS, Tauber AI. Human neutrophil dysfunction with giant granules and defective activation of the respiratory burst. *Blood* 61:1247-1257, 1983.
15. Curnutte JT, Tauber AI. Failure to detect superoxide in human neutrophils stimulated with latex particles. *Ped. Res.* 17:281-284, 1983.
14. Newburger PE, Tauber AI. Heterogeneous pathways of oxidizing radical production in human neutrophils and the HL-60 cell line. *Ped. Res.* 16:856-860, 1982.
13. Lee CW, Lewis RA, Corey EJ, Barton A, Oh H, Tauber AI, Austen KF. Oxidative inactivation of LTC₄ by stimulated human polymorphonuclear leukocytes. *Proc. Natl. Acad. Sci. (USA)* 79:4166-4170, 1982.
12. Tauber AI, Brettler DB, Kennington EA, Blumberg PM. Relation of human neutrophil phorbol ester receptor occupancy and NADPH-oxidase activity. *Blood* 60:333-339, 1982.
11. Ginzberg CH, Braden GL, Tauber AI, Trier JS. Oral clortrimazole in the treatment of esophageal candidiasis. *Am. J. Med.* 71:891-895, 1981.
10. Tauber AI, Roberts MF. ³¹P NMR spectroscopy of phorbol myristate acetate stimulated polymorphonuclear human leukocytes. *FEBS Lett.* 129:105-108, 1981.
9. Tauber AI, Goetzl EJ. Inhibition of complement-mediated functions of human neutrophils by impermeant stilbene disulfonic acids. *J. Immunol.* 126:1786-1789, 1981.
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7. Goetzl EJ, Derian CK, Tauber AI, Valone FH. Novel effects of 1-0-hexadecyl-2-acyl-sn-glycero-3-phosphorycholine mediators on human leukocyte function: Delineation of the specific roles of the acyl substituents. *Biochem. Biophys. Res. Commun.* 94:881-888, 1980.
6. Goetzl EJ, Brash AR, Tauber AI, Oates JA, Hubbard WC. Modulation of human neutrophil function by monohydroxyicosatetraenoic acids. *Immunology* 39:491-501, 1980.

5. Tauber AI, Goetzl EJ. Structural and catalytic properties of the solubilized superoxide-generating activity of human polymorphonuclear leukocytes. Solubilization, stabilization in solution, and partial characterization. *Biochemistry* 18:5576-5584, 1979.
4. Tauber AI, Goetzl EJ, Babior BM. Unique characteristics of superoxide production by human eosinophils in eosinophilic states. *Inflammation* 3:261-272, 1979.
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2. Tauber AI, Babior BM. Evidence for hydroxyl radical production by human neutrophils. *J. Clin. Invest.* 60:374-379, 1977.
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Scientific reviews, letters, and book chapters:

23. Podolsky S, Tauber AI. Yogurt for Candidal vaginitis (Letter). *Ann. Int. Med.* 117:345-346, 1992.
22. Hartshorn KL, Daigneault DE, Tauber AI. Phagocyte responses to viral infection, in *Inflammation. Basic Principles and Clinical Correlates. 2nd Edition*, JI Gallin, IM Goldstein, R Snyderman (eds.). New York: Raven Press, 1992, pp. 1017-1031.
21. Daignault DE, Hartshorn KL, Tauber AI. Influenza A virus activation of the human neutrophil: A case of promiscuous binding? in *Cellular and Molecular Mechanisms of Inflammation: Receptors of Inflammatory Cells*. C.C. Cochrane and M. Gimbrone, ed. Orlando, FL: Academic Press, 1990, pp. 113-136.
20. Hartshorn KL, Karnad AB, Tauber AI. Influenza A virus and the neutrophil. A model of natural immunity. *J. Leuk. Biol.* 47:176-186, 1990.
19. Tauber AI. Tissue destruction by neutrophils (Letter). *N. Eng. J. Med.* p. 328, 1989.
18. Tauber AI, Karnad AB, Ginis I. The role of phosphorylation in phagocyte activation, in *Current Topics in Membranes and Transport: Mechanisms of Leukocyte Activation* ed. S. Grinstein and O.D. Rotstein, San Diego; Academic Press, 1990, pp. 469-494.
17. Tauber AI, Karnad AB, Hartshorn KL, Myers JB, Schwartz JH. Parameters of neutrophil activation: Models of priming and deactivation. In *Biochemistry of the Acute Allergic Reaction, Fifth International Symposium*. New York, Alan R. Liss, , 1989, pp. 297-309.
16. Hartshorn KL, Tauber AI. The influenza virus-infected phagocyte: A model of deactivation. *Hem. Onc. Clin. N. Am., Vol. 2*, pp. 301-315, 1988.
15. Tauber AI, Blanchard RA. Congenital methemoglobinemia with cytochrome b₅ deficiency (Letter). *N. Eng. J. Med.* 315:894, 1986.
14. Tauber AI. American Medicine (Letter). *Commentary* 81:10-11, 1986.

13. Tauber AI, Yoshimoto S, Tringale SM, Myers J and Klitzman D. The human neutrophil NADPH-oxidase: The electron transport chain for killing In: *Redox Functions of the Eukaryotic Plasma Membrane*. J.M. Ramirez, ed., Madrid: Consejo Superior de Investigaciones Cientificas, pp. 213-230, 1987.
12. Tauber AI. Protein kinase C and the activation of the human neutrophil NADPH-oxidase. *Blood* 69:711-720, 1987.
11. Tauber AI, Babior BM. Neutrophil oxygen reduction: The enzymes and the products. *Free Rad. Biol. Med.* 1:265-308, 1985.
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8. Tauber AI, Borregaard N, Simons ER, Wright J. Chronic granulomatous disease: A syndrome of phagocyte oxidase deficiencies. *Medicine* 62:286-309, 1983.
7. Newburger PE, Speier C, Whitin JC, Simons ER, Tauber AI. Oxy-radical production by human myeloid cell line HL-60. In: Greenwald, RA and Cohen G, eds. *Oxy Radicals and Their Scavenger Systems. Vol. II: Cellular and Medical Aspects*. Amsterdam: Elsevier Science Publishing Co., Inc. 65-68, 1983.
6. Tauber AI. The human neutrophil oxygen armory. *Trends Biochem. Sci.* 7:411-414, 1982.
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4. Tauber AI. Current views of neutrophil dysfunction: An integrated clinical perspective. *Am. J. Med.* 70:1237-1247, 1981.
3. Tauber AI, Babior BM. O₂⁻ and host defense: The production and fate of O₂⁻ i in neutrophils. *Photochem. Photobiol.* 28:701-709, 1978.
2. Tauber AI, Kaliner M, Stechschulte DJ, Austen KF. The effect of prostaglandins on the immunological release of histamine from human lung tissue. In: Kahn R, Lands W, eds. *Prostaglandins and cyclic AMP: Biological actions and clinical applications*. New York: Academic Press, 29-48, 1973.
1. Tauber AI. The Last Puritan (Letter) *N. Eng. J. Med.* 284:922-923, 1971.

Addenda

Licensure and certification:

Medical license: Washington, 1973-1975 (No. 12311); Massachusetts 1975 (No. 37751);
Virginia 1985-2000 (No. 38875); New Hampshire 1997- 2005 (No. 9971)

Medicaid No. 2068745; Medicare No. M09910 NPI: 1346212511

1974 Diplomat, National Board of Medical Examiners, Certificate No. 130158

1977 Diplomat, American Board of Internal Medicine, Certificate No. 054030

1980 Diplomat, Hematology Subspecialty Board, Certificate No. 054030

Hospital appointments:

1978-1979 Staff Consultant in Hematology, Peter Bent Brigham Hospital

1979-1980 Junior Associate in Medicine, Peter Bent Brigham Hospital Research Associate, Robert B. Brigham Hospital

1980-1982 Junior Associate in Medicine, Department of Medicine, Brigham and Women's Hospital; Research Associate, Department of Rheumatology and Immunology, Robert B. Brigham Division, Brigham and Women's Hospital

1982-1984 Medical Director, Clinical Hematology Laboratory, Boston City Hospital

1982 Associate Physician, Brigham and Women's Hospital

1982-1988 Associate Visiting Physician, Boston City Hospital

1982-1991 Chief, Hematology and Oncology Sections and William Bosworth Castle Hematology Research Laboratory, Boston City Hospital

1984-1991 Director, Division of Clinical Laboratories, Boston City Hospital

1984-1989 Associate Staff, University Hospital

1989-1995 Visiting Physician, Boston City Hospital

1995-2008 Physician, Boston Medical Center

Other professional positions and major visiting appointments:

1980-1982 Consultant, U.S. Public Service Hospital, Brighton, MA

Visiting Scientist, Massachusetts Institute of Technology

1983-1995 Associate Staff in Medicine, University Hospital, Boston, MA

1983-1991 Consultant, Boston Veterans Administration Hospital

1985-1987 Director, Boston University School of Medicine - Hebrew University Exchange Program

1986-1987 Director, Boston University Immunology Laboratory at Jefferson Memorial Hospital, Alexandria, Virginia

1990-1992 Research Fellow, Center for Philosophy and History of Science, Graduate School, Boston University

1992-1993 Associate Director, Center for Philosophy and History of Science, Boston University

1993-2010 Director, Center for Philosophy and History of Science, Boston University

1993-2010 Affiliated Faculty of the Law, Medicine and Ethics Program, Boston University Schools of Medicine and Public Health

2004-2007 Advisor-at-large, Academies Program, Boston University School of Medicine

2004-2007 Sackler Fellow, Sackler Institute of Advanced Studies, Tel Aviv University

2006 Reynolds Visiting Lectureship, Baylor University, Waco, TX

2007-2010 Visiting Professor, Faculty of Medicine, The Hebrew University of Jerusalem

2007- 2016 Sackler Visiting Professor, Tel Aviv University, Cohn Institute for the History and Philosophy of Science and Ideas

2010- Director, *emeritus*, Center for Philosophy and History of Science, Boston University

Editorial boards:

1986-1989 Associate Editor, *The Journal of Immunology*

1988-1993 Editorial Board, *Blood*

1989-1993 Section Head, *Journal of Immunology*

- 2001-2015 Editorial Board, *Perspectives in Biology and Medicine*
 2002-2007 Editorial board, *ComPlexUs. Modeling and Understanding Functional Interactions in Life Sciences*
 2009- Editorial Board, *Korot, The Israel Journal of the History of Medicine and Science*

Research grants:

- 1976-1978 Research Fellowship Award - Oxygen-dependent bactericidal mechanisms. National Institute of Allergy and Infectious Diseases
 1978-1981 Young Investigator Award - Modulation of granulocyte migration and cytotoxicity. National Institute of Allergy and Infectious Diseases
 1977-1982 Co-investigator - Regulation of hypersensitivity reaction in the lung. Oxidative metabolic pathways of alveolar macrophages. National Heart, Lung and Blood Institute
 1981-1989 Principal Investigator - Molecular mechanisms of neutrophil superoxide generation. National Institute of Allergy and Infectious Diseases
 1982-1983 Co-recipient, Whitaker Health Sciences Fund Grant: Anthracycline semiquinone generation of NADH-ubiquinone oxido-reductase
 1983-1984 Principal Investigator - Generation of a radio-labeled antibody to human neutrophil myeloperoxidase. Community Technology Foundation, Boston
 1983-1984 Co-investigator - Effects of Bactrim on neutrophil function and proliferation. Roche Laboratories
 1987-1992 Principal Investigator - Biochemical interaction of the human neutrophil with chlamydia. National Institute of Allergy and Infectious Diseases
 1984-1993 Principal Investigator - Production of toxic species in acute lung injury. National Heart, Lung and Blood Institute
 1992-1993 Co-investigator - Characterization of the bovine conglutinin gene. Applied Immune Science, Santa Clara, CA.
 1993-1995 Co-investigator - Genetic reductionism: Its sources and implications. National Center for Human Genome Research (NIH)

Memberships, offices and committee assignments in professional societies:

- 1975-1994 American Federation for Clinical Research
 1978-2005 American Society of Hematology
 1978 Member, American College of Physicians
 1981 Fellow, American College of Physicians
 1982-1991 Massachusetts Medical Society
 1982-2004 The American Association of Immunologists
 1982-1986 The Society for Free Radical Research
 1983-1992 The American Society for Cell Biology
 1983-1997 American Society of Biological Chemists
 1983-1989 American Society of Clinical Oncology
 1984-1985 President, Boston Blood Club
 1984-1986 Academic Co-chairman, Leukemia Subgroup, Cancer Management Information System, Massachusetts Division of the American Cancer Society
 1984-1987 Scientific Subcommittee on Leukocyte Physiology, American Society of Hematology
 1984-1989 American Association for Cancer Research
 1985-2000 American Society for Clinical Investigation
 1985 Correspondent, President's Panel on the Health of U.S. Colleges and Universities
 1986-1988 New York Academy of Sciences
 1986-1995 Reticuloendothelial Society
 1989- Association of American Physicians

1989-1992 Scientific Subcommittee on Immunohematology, American Society of Hematology
 1990-2007 History of Science Society
 1990-1997 The International Society for the History, Philosophy and Social Studies of Biology
 1991-1999 The American Association for the History of Medicine
 1993-2009 American Philosophical Association
 1993-2007 Philosophy of Science Association
 2009- The Committee of Concerned Scientists

Review committees:

1986-1989 Veterans Administration Medical Research Merit Review Board for Hematology
 1991-1993 Immunology and Microbiology Study Committee, American Heart Association
 Ad Hoc Reviewer for National Science Foundation, National Institutes of Health, March of Dimes Birth Defects Foundation, National Endowment for the Humanities
 2004 Chairman, Review committee, Georgetown University Ethics Program

Teaching experience:

1978-1982 Lecturer in Hematology and Internal Medicine teaching programs; staff instructor on teaching services of the Peter Bent Brigham Hospital
 1982-1991 Director of graduate and post-graduate training program in Hematology and Oncology, Boston City Hospital
 1983-1985 Lecturer, Advanced Biochemistry, Biochemistry Department, Boston University School of Medicine (BUSM) 1987; "Inflammation" Pathology Graduate Seminar, BUSM
 1990, 1991 "Modern Concepts of Organism" University Professors Program (UNI MS 506) Boston University, College of Arts and Sciences:
 1993, 1995, 2000 "Philosophy of Medicine," PH 224; 273
 1993, 1996, 1999 "Philosophy of Biology," PH 583
 1994, 1998 "History of Science," PH 237
 1994 "Immunology," BI 435/635
 1995, 1996, 2003 "Philosophy of Sexuality and Gender," PH 227; 258
 1996-98 "Directed Study," PH 492
 1997 "Philosophy of Science," PH 270
 1997 "Philosophy of Religion," PH 443/643
 1998 "Philosophy of Nature," PH 251
 1999 "Philosophy of History" PH 278
 2000, 2005, 2008 "Persons and Nature" PH 444
 2000 (6 times) "Philosophy of Medicine" 701.0, B.U. School of Medicine
 2002 "Introduction to Philosophy" PH 100
 2002 "The American Philosophical Tradition" PH 249 (Part 1 [Fall] & Part 2[Spring])
 2003 "Philosophy and Literature" PH 252
 2004 "Philosophy of Health Care" PH 452/652
 2004, 2005, 2006 "Topics in Modern and Contemporary Philosophy" PH 482/682
 2005 "Great Philosophers" PH 110
 2006 "Science and its Reasons" Graduate seminar, Cohn Institute, Tel Aviv University
 2008 "Ecology and Literature" PH 471
 2009 Workshop: "American Individualism," The Van Leer Institute, Jerusalem
 2009 "Metaphysics" PH 440
 2010 "Philosophy of Psychoanalysis," Cohn Institute, Tel Aviv University and Department of Philosophy, Haifa University

- 2011 “Utopianism in our Era,” Cohn Institute, Tel Aviv University
 2012 “Reason and its Discontents,” Cohn Institute, Tel Aviv University
 2014 “Probing the Unsayable: From Freud to Derrida,” Cohn Institute, Tel Aviv University
 2015 “Heidegger’s Nietzsche: A Philosophical Rendering of the Unsayable” Cohn Institute, Tel Aviv University

Research trainees:

- 1980-1981 Doreen B. Brettler, M.D., Research Fellow, Division of Hematology, Boston City Hospital (BCH)
 1983-1984 Neils Borregaard, Ph.D., M.D., Post-doctoral Research Fellow, Division of Hematology, BCH
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 2004-2006 Constantinos Mekios, Doctoral program, Department of Philosophy, BU
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Administrative committees:

- 1983-1985 American Cancer Society Institutional Research Grant Committee, Boston University School of Medicine
 1982-1991 Laboratory Advisory Committee, Boston City Hospital
 1984-1985 Subcommittee on Appeals of the Student Promotion Committee, Boston University School of Medicine
 1984-1991 Executive Committee of the Medical and Dental Staff, Boston City Hospital

1985-1987 Chairman, Professional Advisory Group, Cost Containment Committee, Boston City Hospital
1990-1991 Ambulatory Services Committee, Boston City Hospital
1991- Graduate Qualifier Exam Committee, Department of Pathology Division of Medical and Dental Sciences, B.U. Graduate School
1991 Chairman, Research Advisory Study, Boston City Hospital
1994-2003 Institutional Review Board, Boston University, Charles River Campus
2004-2005 Chairman, Ethics Sub-committee, Clinical Curriculum Committee, BUSM