

Eva Jablonka

CURRICULUM VITAE

Born: Poland, 9th January 1952. Immigrated to Israel 1957.

Contact information: The Cohn Institute for the History and Philosophy of Science and Ideas, Tel-Aviv University, Tel-Aviv 69978, Israel.

Email: Jablonka@post.tau.ac.il

Academic Qualifications and Awards

- 1976 B.Sc. in Biology from Ben-Gurion University, Israel.
- 1980 M.Sc. (with distinction) in Microbiology from Ben-Gurion University, Israel, for work carried out 1978-80. Subject of Thesis: Regulation of Peptide Transport in *E. coli*.
- 1981 Awarded the Landau Prize of Israel for outstanding M.Sc. work.
- 1988 Ph.D. in Genetics from the Hebrew University, Jerusalem, Israel, for work carried out 1983-87 under the supervision of Prof. Menashe Marcus and Prof. Howard Cedar. Subject of Thesis: Alterations in Chromosomal Structure and Genic Activity in the Inactive X chromosome in Female Mammals.
- 1988 Awarded Marcus prize for outstanding Ph.D work.
- 1990 Awarded the Allon Fellowship in 1990.

Teaching and Research Positions

- 1978 - 1980 Assistant in Genetics, Microbiology and Biochemistry courses in Ben Gurion University.
- 1981 - 1982 Research work for the Van-Leer Institute, Jerusalem. Subject: The Biological Perspective in the Work of Jean Piaget.
- 1987 Post-doctoral position in the Medical Research Council Mammalian Development Unit, London, with Dr. Anne McLaren and Dr. Marilyn Monk.
- 1988 - 1990 Post-doctoral fellowship in the Edelstein Centre for the History and Philosophy of Science Technology and Medicine.
- 1987 - 1989 Taught the following: (i) A course in 'Genetic Analysis' for the students of the "Interdisciplinary Project for Promoting Excellence" in Tel-Aviv University; (ii) An M.Sc. course 'Philosophical Problems in Biology', in Tel-Aviv University; (iii) An M.Sc. course in the Philosophy of Biology at the

- Hebrew University; (iv) A course in the History of Genetics for M.Sc. students in Tel-Aviv University.
- 1986 - 1989 Together with Lia Ettinger created and organized the Discussion Group in Theoretical Biology at the Hebrew University.
- 1990 - 1991 Fellow in the Interdisciplinary Group on 'Biological Foundations of Human Culture' in Bielefeld University, Germany.
- 1990 - 1993 Lecturer, The Cohn institute for History and Philosophy of Science and Ideas, teaching Genetics, Evolutionary Biology (in the Zoology Department), Philosophy of Biology, History of Genetics.
- 1993 – 2000 Tenured senior lecturer, Tel-Aviv University.
- 1994 - 1995 Fellow of the Collegium Budapest Institute of Advanced Studies.
Member of an International Theoretical Biology Group.
- 1997 - 1998 Fellow of the Institute for Advance Studies in Berlin.
- 2000-2005 Associate Professor, Tel-Aviv University
- 2000-2001 Visiting scholar (Sabbatical) in The Museum of Vertebrate Zoology, University of California, Berkeley.
- 2005- present Full professor, Tel-Aviv University.
- 2011 (Trinity term) Visiting Fellow, All Souls College, Oxford.
- 2011 (September-October) Visiting professor in the University of Perpignan, France, department of Ecology and Evolution (with Professor Christoph Grunau).
- 2015-present. Fellow in the Sagol School for Brain Research, Tel-Aviv University.
- 2016-2017 (30 September 2016- 30 September 2017): Visiting Professor in Pittsburgh University, Visiting Fellow in School of Advanced Studies of London University (SAS).

Research Interests

Heredity, Epigenetics. Evolutionary Biology, Behavioural Ecology, Developmental Biology, Language and Cultural evolution, History of Genetics and the Philosophy of Science, Evolution of Mind and of Nervous systems

Fellowships

- EMBO (European Molecular Biology Organisation) Post-doctoral Fellowship (10.87 – 01.88).
- Post-doctoral Fellowship in the Edelstein Centre for the History and Philosophy of Science, Technology and Medicine, Hebrew University, Jerusalem (01.88 – 01.89).
- Allon Fellowship, Tel-Aviv University (10.90 – 10.93).
- Fellow of the Collegium Budapest, Institute for Advanced Studies (10.94 – 2.95).
- Fellow of the Institute for Advanced Studies, Berlin (10.97 – 7.98).

Visiting Fellow in All Souls College, Oxford, Trinity Semester 2011.

PUBLICATION LIST

Eva Jablonka (Tavori during marriage)

Books in English

1. Eva Jablonka and Marion J. Lamb (1995) *Epigenetic Inheritance and Evolution – the Lamarckian Dimension*, Oxford University Press. (Second printing with new introduction 1999).
2. Eytan Avital and Eva Jablonka. (2000) *Animal Traditions: Behavioural Inheritance in Evolution*. Cambridge University Press. (Paperback edition 2005)
3. Eva Jablonka and Marion L. Lamb (2005) *Evolution in Four Dimensions*. MIT Press. (Paperback edition 2006; Italian translation 2007, Hebrew translation 2008, Slovenian 2009 Portuguese 2010, Turkish 2011; Spanish April 2013).
4. Eva Jablonka and Marion L. Lamb (2014) *Evolution in Four Dimensions*. MIT Press. Second revised and expanded edition. German translation 2017; Polish translation due in 2018/2019.
5. Snait Gissis and Eva Jablonka (Editors) (2011) *The Transformations of Lamarckism: From Subtle Fluids to Molecular Biology*. MIT Press
6. Ilaria Negri and Eva Jablonka (Editors) (2017) *Epigenetics as a deep intimate dialogue between host and symbionts*. An eBook for a Frontiers Research Topic of the same title published in 2015.
7. Simona Ginsburg and Eva Jablonka (in press) *The Evolution of the Sensitive Soul*. MIT Press.

Book in Hebrew:

1. Eva Jablonka (1994) (In Hebrew) *History of Heredity*. Ministry of Defence Publishing House, Israel.
2. Eva Jablonka (1994 -1997) (In Hebrew) *Evolution—A Textbook in Evolutionary Biology for the Open University*, Israel. Open University Press. 7 units. 700 pages.

Papers and chapters in books (English)

1. Tavori H*, Kimmel Y., and Barak Z. (1981) Toxicity of leucine-containing peptides in *Escherichia coli* caused by circumvention of leucine transport regulation. *Journal of Bacteriology*, 146, 676-683. (*Jablonka E.)
2. Barak Z., Gollop N., and Tavori H.* (1981) Peptide uptake - a method circumventing regulation of leucine transport in *E. coli*. *13th FEBS Meeting*, 1981. (*Jablonka E.)
3. Barak Z., Tavori H.*, and Gollop N. (1981) Negative control of leucine transport in *E. coli* K-12. *Israel Journal of Medicine*. (*Jablonka E.)

4. Gollop N., Tavori H.*, and Barak Z. (1982) Acetohydroxy acid synthase is a target for leucine-containing peptide toxicity in *Escherichia coli*. *Journal of Bacteriology*, 149, 387-390. (*Jablonka E.)
5. Jablonka-Tavory E.* (1982) Genocopies and the evolution of interdependence. *Evolutionary Theory*, 6, 167-170. (*Jablonka E.)
6. Jablonka E., Goitein R., Marcus M., and Cedar H. (1985) DNA hypomethylation causes an increase in DNase-I sensitivity and an advance in the time of replication of the entire inactive X chromosome. *Chromosoma*, 93, 152-156.
7. Jablonka E., Goitein R., Sperling K., Cedar H., and Marcus M. (1987) 5-aza-C-induced changes in the time of replication of the X chromosomes of *Microtus agrestis* are followed by non-random reversion to a late pattern of replication. *Chromosoma*, 95, 81-88.
8. Jablonka E., Goitein R., Sperling K., Cedar H., and Marcus M. (1987) Regulatory sites determining the time of replication of the X chromosome of *Microtus agrestis*. *7th International Congress of Human Genetics, Part I*.
9. Jablonka E., and Lamb M.J. (1988) Meiotic pairing constraints and the activity of sex chromosomes. *Journal of Theoretical Biology*, 133, 23-36.
10. Jablonka E., and Lamb M.J. (1989) The inheritance of acquired epigenetic variations. *Journal of Theoretical Biology*, 139, 69-83.
11. Ettinger L., Jablonka E., and MacLaughlin P. (1990) On the adaptations of organisms and the fitness of types. *Journal of Philosophy of Science*, 57, 499-513.
12. Jablonka E., and Lamb M.J. (1990) The evolution of heteromorphic sex chromosomes. *Biological Reviews*, 65, 249-276.
13. Jablonka E., and Lamb M.J. (1990) Lamarckism and Aging. *Gerontology*, 36, 323-332.
14. Ettinger L., R. Falk, and Jablonka E. (1991) On causality, heritability and fitness. *Biology and Philosophy*, 6, 27-29.
15. Jablonka E., and Lamb M.J. (1991) Sex chromosomes and speciation. *Proceeding of the Royal Society London B.*, 243, 203-208.
16. Jablonka E. and Lamb M. J. (1992) Species and Speciation. *Nature*, 356, 752.
17. Jablonka E., Lachmann M. and Lamb M. J. (1992) Evidence, mechanisms and models of the inheritance of acquired characters. *Journal of Theoretical Biology*. 158, 245-268.
18. Avital E. and Jablonka E. (1994) Social learning and the evolution of behaviour. *Animal Behaviour*, 48, 1195-1199.
19. Jablonka E. (1994) Inheritance systems and the evolution of new levels of individuality. *Journal of Theoretical Biology*, 170, 301-309.
20. Jablonka E. and Szathmáry E. (1995). The evolution of information storage and heredity. *Trends in Ecology and Evolution*, 10, 206-211.
21. Jablonka E. and Regev A. (1995) Gene number, methylation and biological complexity. *Trends in Genetics*, 11, 383-4.

22. Jablonka E., Oborny B, Molnár E., Kisdi E., Hofbauer J., and Czárán T. (1995) The adaptive advantage of phenotypic memory. *Philosophical Transactions of the Royal Society, London B.*, 350, 133-141.
23. Avital E. and Jablonka E. (1996) Adoption, memes and the Oedipus complex: a reply to Hansen. *Animal Behaviour*, 51, 476-477.
24. Lachman M. and Jablonka E., (1996) The inheritance of phenotypes: an adaptation to fluctuating environment. *Journal of Theoretical Biology*, 181, 1-9
25. Jablonka E. and Rechav G. (1996) The evolution of language in the light of the evolution of literacy. In: *The Major Origins of Language*, (Ed. J. Trabant). Collegium Budapest, pp. 70-88.
26. Jablonka E. (1996) Do cells show off? Somatic selection and the nature of inter-cellular signalling. *Trends in Ecology and Evolution*, 11, 395-396.
27. Falk R. and Jablonka E. (1997) Inheritance: transmission and development. In: *Human by Nature: Between Biology and the Social Sciences* (Eds: Weingart P., Mitchell S.D., Richerson P.J. and Maasen S.) Lawrence Erlbaum Associates: Mahwah, NJ. pp. 390-400.
28. Jablonka E. (1998) The Evolution of Inheritance and Environment. In: *The Co-Action between living Systems and the Planet.* (Eds.: Greppin, H., Agosti, R.D., and Penel C.), pp. 131-145. University of Geneva.
29. Jablonka E. and Lamb M.J. (1998) Epigenetic inheritance in evolution (A target article). *Journal of Evolutionary Biology*, 11, 159-183.
30. Jablonka E. and Lamb M.J. (1998) *Genic-Neo Darwinism—is it the whole story?* *Journal of Evolutionary Biology*, 11, 243-260.
31. Jablonka E. and Lamb M.J. (1998) Bridges between evolution and development. *Biology and Philosophy*, 13, 119-124.
32. Avital E., Jablonka E., and Lachmann M. (1998) Adopting adoption. *Animal Behaviour*, 55: 1451-1459.
33. Regev A., Lamb M.J., and Jablonka E. (1998) The role of DNA methylation in invertebrates: developmental regulation or genome defense? *Molecular Biology and Evolution*, 15, 880-891.
34. Jablonka E., Lamb M.J., and Avital E. (1998). Lamarckian mechanisms in Darwinian evolution. *Trends in Ecology and Evolution*, 13, 206-210.
35. Lachmann M., Sella G., and Jablonka E. (2000) On the advantages of Information sharing. *Proc.Roy.Soc. B* 267, 1287-1293.
36. Jablonka E. and Ziman J. (2000) Biological evolution: processes and phenomena. In: *Technological Innovation as an Evolutionary Process.* (Ed: Ziman J.).pp. 13-27. Cambridge University Press, Cambridge.
37. Jablonka E. (2000) Lamarckian inheritance systems in biology: a source of metaphors and models in technological evolution. In: *Technological Innovation as an Evolutionary Process.* (Ed: Ziman J.), pp.27-41. Cambridge University Press, Cambridge.
38. Dor D. and Jablonka E. (2001) From cultural selection to genetic selection: a framework for the evolution of language. *Selection*, 1, pp. 33-57.

39. Jablonka E. (2001) The systems of inheritance. In: *Cycles of Contingency* (Eds: Oyama, S., Griffiths P. and Gray R., MIT Press), pp 99-116.
40. Daniel Dor and Jablonka Eva (2001). How language changed the genes. In Trabant J. Ward. S. (editors). *New Essays on the Origin of Language*. Mouton de Gruyter: Berlin, pp 149-175.
42. Eva Jablonka and Marion J. Lamb (2002) “Epigenetic inheritance”, an entry for the *Encyclopaedia of Social Sciences*. Vol. 7 pp 4706-4710.
43. Jablonka E. and Lamb M.J. (2002) Epigenetics. In: *Encyclopedia of Evolution*, Vol. 1 (Ed. Pagel, M.), pp. 310-311. Oxford University Press, Oxford.
44. Jablonka E. and Lamb M.J. (2002) Lamarckism. In: *Encyclopedia of Evolution*, Vol. 2 (Ed. Pagel, M.), pp. 602-605. Oxford University Press, Oxford.
45. Jablonka E. and Lamb M.J. (2002) Creating bridges or rifts? Developmental systems theory and evolutionary developmental biology. *BioEssays*, 24, 290-291.
46. Jablonka E., Matzke, M., Thieffry, D. and Van Speybroeck, L. (2002) The genome in context: biologists and philosophers on epigenetics. *BioEssays*, 24, 392-394.
47. Jablonka E. 2002. Information: its interpretation, its inheritance and its sharing. *Philosophy of Science*, 69: 578-605.
48. Jablonka E. (2002) Between Development and evolution: how to model cultural change. *Proceedings of the British Academy*, 112: 27-41.
49. Jablonka E. and Lamb M.J. (2002) The changing concept of epigenetics. *Annals of the New York Academy of Sciences*, 981: 82-96
50. Jablonka Eva (2004) From Replicators to Heritably Varying Phenotypic Traits: The Extended Phenotype Revisited. *Biology and Philosophy*, 19: 353-75.
51. Jablonka Eva (2004) Epigenetic Epidemiology. *International Journal of Epidemiology* 33:929–35.
52. Jablonka Eva (2004). The peculiarities of mammalian sex chromosomes: an epigenetic view. *BioEssays*, 26(12): 127-32.
53. Dor Daniel and Jablonka Eva (2004) Culture and Genes in the Evolution of Human Language In: Goren-Inbar, Naama, and John D. Speth (eds). *Human Paleoecology in the Levantine Corridor*. Oxford, England: Oxbow Press, pp.105-115.
54. Jablonka Eva and Marion Lamb (2006) The evolution of information in the major transitions. *Journal of Theoretical Biology* 239: 236-246.
55. Jablonka Eva and Marion Lamb(2006) Evolutionary epigenetics, In *Evolutionary Genetics: Concepts and Case Studies*, (eds CW Fox and JB Wolf), Oxford University Press, New York, pp 252-264.
56. Jablonka Eva (2006) Commentary: Induction and selection of variations during cancer development. *International Journal of Epidemiology* doi:10.1093/ije/dyl188
57. Jablonka Eva (2006) Le darwinisme évolue aussi *LA RECHERCHE*, N° 396 46 - 50 (in French)
58. Jablonka Eva (2006) Genes as followers in evolution – a post-synthesis synthesis? *Biology and Philosophy*, 21: 143-154.

59. Jablonka Eva (2007) Epigenetics and Evolution: An Overview *Accademia Nazionale delle Scienze detta dei XL Memorie di Scienze Fisiche e Naturali* 124° (2006), Vol. XXX, t. I, pp. 1-11
60. Eva Jablonka (2007) Information is everything that can be interpreted. In: *Interact or Die. V2_* Publishing/NAi Publishers 2007, pp 28-43. (Interview)
61. Eva Jablonka (2007) The Five Mothers: Heredity and Evolution from a Developmental Perspective. In the Proceedings of Baxter lectures: *The Futures of Darwinism 1809-2009* (In Press, In Italian)
62. Eva Jablonka (2007) The developmental construction of heredity. *Developmental psychobiology* 49: 808-817.
63. Eva Jablonka and Marion Lamb (2007) The expanded evolutionary synthesis – a response to Godfrey-Smith, Haig, and West-Eberhard. *Biology and Philosophy Biol. Philos.* 22: 453-472.
64. Eva Jablonka and Marion Lamb (2007) Précis of: Evolution in Four Dimensions. *Brain and Behavioral Science* 30: 353-365.
65. Eva Jablonka and Marion Lamb (2007) Bridging the Gap: The Developmental Aspects of Evolution. *Brain and Behavioral Science* 30: 378-392.
66. Eva Jablonka and Marion Lamb (2007) Reply to Wilkins on review of Evolution in Four Dimensions *BioEssays* 29:308–309
67. Simona Ginsburg and Eva Jablonka (2007) The Transition to Experiencing: I. Limited Learning and Limited Experiencing. *Biological Theory*. 2(3) 218–230.
68. Simona Ginsburg and Eva Jablonka (2007) The Transition to Experiencing: II. The Evolution of Associative Learning Based on Feelings. *Biological Theory* 2(3) 231–243.
69. Eva Jablonka (2008) The Five Mothers: Heredity and Evolution from a Developmental Perspective. In the Proceedings of Baxter lectures: *The Futures of Darwinism* (In Italian).
70. Ehud Lamm and Eva Jablonka (2008) The nurture of nature: hereditary plasticity in evolution. *Philosophical Psychology* 21:305-319.
71. Ehud Lamm and Eva Jablonka (2008) Review Essay: Integrating Evolution and Development *Perspectives in Biology and Medicine* 51:636-647.
72. Eva Jablonka and Marion Lamb (2008) The epigenome in evolution: beyond the modern synthesis. *Вестник БОГУС* 12: 242-254.
73. Eva Jablonka (2008) Soft Inheritance: Challenging the Modern Synthesis *Genetics and Molecular Biology* 31:389-395.
74. Eva Jablonka and Marion Lamb (2008) The Return of Soft Inheritance. *Seed* December 2008 pp 25-26
75. Jablonka E (2009) Five Questions. Chapter 9 in *Evolutionary Theory: Five Questions*, edited by G Oftedal, J K B O Friis, P Rossel, and M S Norup. Copenhagen, Denmark: Automatic Press, pp. 53-64.
76. Eva Jablonka and Gal Raz (2009) Transgenerational Epigenetic Inheritance: Prevalence, Mechanisms, and Implications for the Study of Heredity and Evolution. *Quarterly Review of Biology* 84: 131-176

77. Eva Jablonka (2009) In: *Evolutionary Theory: 5 Questions* (Eds: Oftedal G., Berg O. Friis JK, Rossel P. and Norup MS). Automatic Press. Pp.63-77
78. Eva Jablonka and Marion Lamb (2009) The Pillars of Darwinism. *Project Syndicate* (February 2009 <http://www.project-syndicate.org/commentary/jablonka1>)
79. Simona Ginsburg and Eva Jablonka (2009) Epigenetic Learning in Non-Neural Organisms. *Journal of Bioscience* 34(4):633-46.
80. Eva Jablonka and Marion Lamb (2010) Transgenerational epigenetic Inheritance. In: *Evolution, The Extended Synthesis*. (eds Pigliucci M and Müller GB). pp 137-174. MIT Press.
81. Simona Ginsburg and Eva Jablonka (2010) Experiencing: a Jamesian approach *Journal of Consciousness Studies* 17:102-124.
82. Simona Ginsburg and Eva Jablonka (2010) Associative learning: a factor in the Cambrian explosion. *Journal of Theoretical Biology* 266:11–20.
83. Daniel Dor and Eva Jablonka (2010) Canalization and plasticity in the evolution of linguistic communication In *The Evolution of Human Language* (Eds Larson RK, Deprez V. and Yamakido H.), pp135-147 Cambridge University Press.
84. Omri Tal, Eva Kisdi and Eva Jablonka (2010) Epigenetic contribution to covariance between relatives. *Genetics* 184:1037–1050.
85. Jablonka Eva and Marion J. Lamb (2011) Changing thought styles: the concept of soft inheritance in the 20th century. *Vérité, Widerstand, Development: At Work with / Arbeiten mit / Travailler avec Ludwik Fleck*, hg. v. Rainer Egloff und Johannes Fehr, Zürich 2011 (Collegium Helveticum Heft 12). Pp. 119-157.
86. Eva Jablonka and Ehud Lamm (2011) The Epigenotype: a dynamic network-view of development. *International Journal of Epidemiology* *International Journal of Epidemiology* 41(1):10-13.
87. Eva Jablonka and Simona Ginsburg. (2012) Scaffolding Emotions and Evolving Language. *Behavioral and Brain Sciences*. 35(3):154-5.
88. Iddo Tavory, Simona Ginsburg and Eva Jablonka (2012) Culture and Epigenesis: A Waddingtonian view. *The Oxford Handbook of Culture and Psychology* (ed. Jaan Valsiner).Chapter 30, pp. 662-676
89. Eva Jablonka, Simona Ginsburg and Daniel Dor (2012). The Co-evolution of language and emotions. *Philosophical transactions of the Royal Society B*, 367: 2152-2159.doi:10.1098/rstb.2012.0117
90. Eva Jablonka (2013) Behavioral epigenetics in ecological context. *Behavioral Ecology*. doi: 10.1093/beheco/ars115
91. Eva Jablonka (2013) Epigenetic Plasticity: The Responsive Germline. *Progress in Biophysics and Molecular Biology*. <http://dx.doi.org/10.1016/j.pbiomolbio.2012.08.014>
92. Eva Jablonka (2013) Epigenetic Variations in Heredity and Evolution. *Clinical Pharmacology and Therapeutics*. doi:10.1038/clpt.2012.158

93. Eva Jablonka and Ginsburg Simona (2013) The Major Teleological Transitions in Evolution: Why the Materialistic Evolutionary Conception of Nature is Almost Certainly Right. *Journal of Consciousness Studies*, **20**, No. 9–10, 2013, pp. 177–189.
94. Eva Jablonka (2013) Some Problems with Genetic Horoscopes. In: *Genetic Explanations: Sense and Nonsense*. Pp 71-80. Harvard University Press.
95. Mesoudi, A., Blanchet, S., Charmantier, A., Danchin, E., Fogarty, L., Jablonka, E., Laland, K.N., Morgan T.J.H., Müller, G.B., Odling-Smee, F. J., Pujol, B. (2013) Is non-genetic inheritance just a proximate mechanism? A corroboration of the Extended Evolutionary Synthesis. *Biological Theory* 7(3): 189-195.
96. Eva Jablonka and Marion Lamb (2013) Disturbing Dogmas: Biologists and the History of Biology. *Science in Context* 26: 557-571.
97. Simona Ginsburg and Eva Jablonka (2014) Memory, imagination and the evolution of modern language. In: *Social Origins of Language* (Dor D., Knight C, and Lewis J, eds). Oxford University Press, pp 317-324.
98. Iddo Tavory, Simona Ginsburg and Eva Jablonka (2014) The reproduction of the social: a Developmental system view. Linnda Caporael, James Griesemer and William Wimsatt (eds) *Scaffolding in Evolution, Culture and Cognition*. MIT Press, pp. 317-324.
99. Daniel Dor and Eva Jablonka (2014) Why we need to move from gene-culture co-evolution to culturally-driven co-evolution. In: *Social Origins of Language*. (Dor D., Knight C and Lewis J eds). Oxford University Press, pp 15-30.
100. Noble D., Jablonka E., Joyner M.J. Muller G.M. and Omholt S.W. (2014, Editorial) Evolution evolves: physiology returns to centre stage. *J Physiol* 592.11 (2014) pp 2237–2244.
101. Kevin Laland, Tobias Uller, Marc Feldman, Kim Sterelny, Gerd B. Müller, Armin Moczek, Eva Jablonka, John Odling-Smee (2014) Does evolutionary theory need a rethink? Yes, Urgently! *Nature*, 514, 161-164.
102. Bronfman Zohar, Ginsburg, Simona, and Jablonka Eva (2014) Shaping the learning curve: epigenetic dynamics in neural plasticity. *Frontiers in Integrative Neuroscience* doi: 10.3389/fnint.2014.0005
103. Laland KN, Uller T, Feldman MW, Sterelny K, Müller GB, Moczek A, Jablonka E, Odling-Smee J. (2015) The extended evolutionary synthesis: its structure, assumptions and predictions. *Proc. R. Soc. B* 282: 20151019. <http://dx.doi.org/10.1098/rspb.2015.1019>
104. Jablonka Eva and Bronfman Zohar Ziv (2015). “Epigenetics and Behavior.” In Oxford Bibliographies in Evolutionary Biology. Ed. Jonathan Losos. New York: Oxford University Press,.
105. Lamm EHUD and Jablonka Eva (2015) Lamarck’s two legacies: A 21st-century Perspective on use-disuse and the inheritance of acquired characters.(In press) *Interdisciplina. vol 3 (5)*: February 2015. (Spanish).
106. Jablonka Eva, Lamb, Marion J., (2015). Epigenetic Inheritance. In: James D. Wright (editor-in-chief), *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol 7. Oxford: Elsevier. pp. 832–838.

107. Ginsburg Simona and Jablonka Eva (2015). The teleological transitions in evolution: a Gántian view. *J. Theor. Biol.* 381, 55–60. doi: 10.1016/j.jtbi.2015.04.007
108. Jablonka Eva and Lamb Marion J. (2015) Reflections on: Jablonka E, Lamb MJ. The inheritance of acquired epigenetic variations. *Journal of Theoretical Biology* 1989; 139: 69-83. *Int. J. Epidemiol.* (2015)doi: 10.1093/ije/dyv020
109. Negri, Ilaria and Jablonka Eva (2016) Host-symbiont epigenetic crosstalk: a “koiné language” that enables communication between different species. *Front. Genet.* | doi: 10.3389/fgene.2016.00007
110. Bronfman, Zohar, Ginsburg, Simona, and Jablonka, Eva (2016). The epigenetics of neural learning, in: *The Wiley-Blackwell Handbook on The Cognitive Neuroscience of Learning*, eds R. Murphy and R. Honey (New York, NY: Wiley-Blackwell).
111. Bronfman Zohar, Ginsburg Simona, and Jablonka Eva (2016). The evolutionary origins of consciousness: suggesting a transition marker. *Journal of Consciousness Studies*, **23**, No. 9–10, 2016, pp. 7–34.
112. Bronfman Zohar, Ginsburg Simona, and Jablonka Eva (2016). The transition to minimal consciousness through the evolution of associative learning. *Front. Psychol.* 7:1954. doi: 10.3389/fpsyg.2016.01954
113. Jablonka Eva (2016) Cultural Epigenetics. In: *Biosocial Matters: Rethinking the Sociology-Biology Relations in the Twenty-First Century* (Eds. M. Meloni, S.J. Williams, and Martin P.), Wiley-Blackwell. *The Sociological Review Monographs*, 64:1, pp. 42–60 (2016), DOI: 10.1111/2059-7932.12012
114. Jablonka, E. (2017). The Evolution of Linguistic Communication: Piagetian Insights. In N. Budwig, E. Turiel, & P. Zelazo (Eds.), *New Perspectives on Human Development* (pp. 351-352). Cambridge: Cambridge University Press. doi:10.1017/CBO9781316282755.019
115. Bourrat,P., Lu Q. and Jablonka E. (2017) the missing heritability might not be in the DNA. *Bioessays* 39: 1700067.
116. Jablonka E. (2017) The evolutionary implications of epigenetic inheritance. *Interface Focus* DOI: 10.1098/rsfs.2016.0135
117. Jablonka E. (2017) Collective narratives, false memories and the origins of autobiographical memory. *Biology and Philosophy*. 32, 839–853. <https://link.springer.com/article/10.1007/s10539-017-9593-z>
118. Fresco, N., Ginsburg S. and Jablonka E. (2017) The construction of learned information through selection processes. Joyce R. (ed) *The Routledge Handbook of Evolution and Philosophy*. Chapter 7.
119. Jablonka E. (2018) Remembering as a group: The Evolutionary Origins of autobiographical memory. In Gissis, S. Lamm, E. and Shavit, A (eds) *Landscapes of Collectivity*. MIT Press, MA, pp 169-178.

120. Fresco, N., Ginsburg S. and Jablonka E. (in press). Functional Information: a graded taxonomy of difference makers. *Review of Philosophy and Psychology*
121. Jablonka E. (in press) Lamarckian realities: the CRISPR-Cas system and beyond. *Biology and Philosophy*.

Papers and book chapters in Hebrew

1. Eva Jablonka (1994) The significance of epigenetic inheritance systems. *Iyun*, 42, 533-539. (in Hebrew).
 2. Eva Jablonka (2007) Radical conservatism in Leibowitz's Philosophy of biology. In *Yehsayhu Leibowitz: Between Conservatism and Radicalism. Reflections on His Philosophy*. Ed: Aviezer Ravitsky. The Van Leer Jerusalem Institute/Hakibbutz Hemeuchad Publishing House. Pp.190-204 (in Hebrew).
- (Not included: popular science papers in different magazines in Hebrew, English and French).

Selected Book Reviews

1. *Selection* – The Evolution of the Common Good. Selection 1-3. pp 247-250. 2000.
2. *Journal of Heredity* - Thinking about Evolution. Volume 87, pp. 125-6. 2001.
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