

Ilia Stambler, PhD. Short Biography

Ilia Stambler, PhD, is the Chief Science Officer and Chairman of Vetek (Seniority) Association – the Movement for Longevity and Quality of Life, Israel (<http://www.longevityisrael.org/>). He is a fellow at the Department of Science, Technology and Society, Bar Ilan University, Israel (<https://www.sts-biu.org/>).

He received his PhD at the Department of Science, Technology and Society, Bar Ilan University. His thesis explored the “History of Life-extensionism in the Twentieth Century” which resulted in an encompassing compendium on the history of aging and longevity research (<http://www.longevityhistory.com/>). His research has focused on the historical and social implications of aging and longevity research, including ethical, policy and regulatory implications. He has also been involved in [mathematical modeling](#) of aging and aging-related diseases, utilizing information-theoretical measures, with high impact publications. He has established the “Quantified Longevity Guide” commitment at the European Innovation Partnership on Active and Healthy Aging (EIP-AHA). He is the author of the books “*A History of Life-extensionism in the Twentieth Century*” and “*Longevity Promotion: Multidisciplinary Perspectives*” (www.longevityhistory.com) and over 70 academic papers (journal articles and book chapters) including in *Progress in Neurobiology, Aging and Disease, Cancer Detection and Prevention, Rejuvenation Research, Current Aging Science, Global Aging, Mechanisms of Ageing and Development, Frontiers in Genetics, Geroscience, The Lancet Healthy Longevity, Encyclopedia of Gerontology and Population Aging, Encyclopedia of Biomedical Gerontology*, and other scientific journals and books. He has been an invited speaker in over 60 academic conferences, over half of which he co-organized and/or co-chaired.

He is actively involved in advocacy for aging and longevity research, serving as the chairman of the International Longevity Alliance (ILA <http://www.longevityalliance.org/>), executive committee member of the International Society on Aging and Disease (ISOAD <http://www.isoand.org/>), fellow at the Institute for Ethics and Emerging Technologies (IEET <https://ieet.org/>), trustee and director at the Biogerontology Research Foundation (BGRF <https://www.biogerontology.info/>), trustee and chairman of International Longevity Alliance UK (ILA UK www.longevityforall.org), fellow and policy director at the Global Healthspan Policy Institute (GHPI <https://healthspanpolicy.org/>) and active in other organizations for healthy longevity research and advocacy. He has initiated and organized the international advocacy and educational campaign for aging and longevity research – the “Longevity Day and Month” with events organized since 2013 in dozens of countries. He organized a series of national and international conferences on aging and longevity research and advocacy in Israel, including the “Longevity Nation” conference (<https://longevitynation.org/>). He is the author and active promoter of the section on “Enhancing research, development and education for healthy longevity and prevention of aging-related diseases” as a part of the Israel National Masterplan on Aging published by Knesset in 2019. He played an active part in the campaign for the inclusion of aging into the WHO work program in 2017, and other advocacy and educational campaigns for healthy longevity research, development and application.



CURRICULUM VITAE

Personal details:

Surname: **Stambler**
 First name: **Ilia**
 Date of birth: February 20, 1972
 Place of birth: Belz. Moldova
 Aliyah: December 30, 1990
 Marital status: Single
 Home address: Harashba St. 12/21, Rishon Lezion, Israel
 Tel: +972-3-961-42-96
 Cellular phone: +972-52-2283-578
 Skype: iliastam
 E-mail: ilia.stambler@gmail.com
Languages: English, Hebrew, Russian – full proficiency
 Yiddish, French, German – reading proficiency

Education:

2005–2012 **PhD**, Department of Science, Technology and Society
 Faculty of Interdisciplinary Studies. Bar-Ilan University. Israel
Thesis title: A History of Life-Extensionism in the Twentieth Century
 1998–2002 **MA** in English Literature (with a thesis), English Department,
 Bar-Ilan University, Israel
Thesis title: Heroism and Heroic Death in Nineteenth Century Literature

- 1994–1998 **BA** in English Literature (*Cum Laude*), English Department, Bar-Ilan University, Israel
- 1993–1994 Courses in Biology and Computing, The Open University, Jerusalem, Israel
- 1991–1993 Studies of Biology, Biology Department, The Technion, Israel Institute of Technology, Haifa, Israel
- 1989–1990 Studies of Bio-Medical Engineering, The Department of Bio-Medical Devices, The Institute for Instruments Development and Manufacturing, Moscow
- 1979–1989 High School No. 22, Balashikha, Moscow District (*Cum Laude*)

Employment:

- 2016-present **Chairman and Chief Science Officer.** “Vetek” (Seniority) – the Movement for Longevity and Quality of Life (Israel) <http://www.longevityisrael.org/>
- 2012-present **Fellow.** Department of Science, Technology and Society, Bar-Ilan University, Israel <https://www.sts-biu.org/>
- 2019-present **Researcher.** Shmuel Harofe Geriatric Medical Center, Beer Yaakov, Israel, Affiliated to Sackler School of Medicine, Tel-Aviv University <http://www.shmuelh.org.il/>
- 2002–2012 **Scientific writer, research worker.** The Biophysical Interdisciplinary Jerome Schottenstein Center for the Research and Technology of the Cellome, Bar-Ilan University, Israel
- 2002 Translating of patents in biotechnology (Russian-English). Information Concepts Inc., Tel-Aviv, Israel
- 1999–2001 Translating of new immigrants’ Research and Development projects (Russian-Hebrew-English), The Western Negev Initiative Center (Technological Incubator), Israel
- 1999–2002 Instructor in the Reading & Writing Laboratory. The Department of English as a Foreign Language, Bar-Ilan University, Israel

Public activity and membership in international associations:

- 2014-present **Outreach Coordinator and Executive Committee Member.** International Society on Aging and Disease (ISOAD), since 2021 with the Special Consultative Status at the UN Economic and Social Council (ECOSOC) <http://isoad.org/>; <https://esango.un.org/civilsociety/consultativeStatusSummary.do?profileCode=649295>

- 2019-present **Committee Member.** Executive Committee on Anti-aging And Disease Prevention, in the framework of Science and Technology, Pharmacology and Medicine Themes under an Interactive Atlas along the Silk Roads, UNESCO <https://doi.org/10.14336/AD.2019.1230>
- 2013-present **Chair.** Israeli Longevity Alliance <http://www.longevityisrael.org/>
- 2019-present **Fellow, Policy Director.** Global Healthspan Policy Institute (GHPI) <https://healthspanpolicy.org/>
- 2012–present **Board Member and Chairman.** International Longevity Alliance (ILA) <http://www.longevityalliance.org/>; <http://www.longevityforall.org/groups/>
- 2024-present **Trustee and Chairman.** International Longevity Alliance UK (ILA UK) <http://www.longevityforall.org/>
- 2022-present **Scientific Committee Member.** European Society of Preventive, Regenerative and Anti-Aging Medicine (ESAAM) <https://esaam.global/ilia-stambler/>
- 2022-present. **Trustee and director.** Biogerontology Research Foundation (BGRF) <https://www.bg-rf.org/>
- 2023-present **Co-founder and International policy director.** Longevity Alliance Baltic (LAB). <http://longevitybaltics.org/>
- 2022-present **Education Board Member.** TAFFD Afrolongevity. <https://afrolongevity.taffds.org/about/>
- 2022-present **Scientific Advisory Board Member.** FORMWELTen-Institute for renewing systemic research. <https://formwelten-institut.com/>
- 2021-present **Founding member.** Longevity International Association (LIA) <https://www.longevity.international/>
- 2019-present **Chief Science Officer, Executive Board member.** “Disabled, Not Half a Person” Association, Israel. <https://www.facebook.com/lohetzi>
- 2016-present **Coordinator.** “Quantified Longevity Guide” – Commitment at the Action Group: A3 Prevention of Functional Decline and Frailty of the European Innovation Partnership on Active and Healthy Ageing (EIP-AHA) https://web.archive.org/web/20200804120829/https://ec.europa.eu/eip/ageing/commitments-tracker/a3/quantified-longevity-guide-qlg_en
- 2010–present **Fellow.** The Institute for Ethics and Emerging Technologies <https://ieet.org/fellows/>
- 2014-present **Coordinator.** Longevity for All <http://www.longevityforall.org/>
- 2005–present **Coordinator.** Israeli Chapter of Humanity Plus (formerly World Transhumanist Association) <http://humanityplus.org/get-involved-2/chapters-of-humanity/> Blog <http://www.singulariut.com/>

- 2012–present **Member of the Biotech/Medical Board and Life Extension Board.** The Lifeboat Foundation <http://lifeboat.com/ex/bios.ilia.stambler>
- 2014–present **Regional coordinator.** Longecity <http://www.longecity.org/forum/forum/321-regional-forums/>
- 2012- present. **Co-author and promoter** of the “Law Proposal for the Establishment of the National Advisory Committee for the Promotion of Longevity and Quality of Life for the Elderly Population” in Israel: <http://www.longevityisrael.org/longevity-bill/>
- 2018-present **Co-author and promoter** of the section "Research, Development and Education for the Promotion of Healthy Longevity and Prevention of Aging-related Diseases" of the Israel National Masterplan on Aging, Knesset, 2019. <https://main.knesset.gov.il/activity/committees/labor/Pages/CommitteeReports.aspx>
<https://oknesset.org/meetings/2/0/2072962.html>
<https://oknesset.org/meetings/2/0/2076804.html>
- 2017-2018 **Promoter** of the inclusion of healthy aging into the 13th WHO Program of Work 2019-2023. <http://www.longevityforall.org/aging-is-now-included-into-the-who-work-program-thanks/>
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5963354/>
- 2013-present **Organizer of the international educational campaigns** on aging and longevity research – "International Longevity Day / Longevity Month – October" https://hpluspedia.org/wiki/Longevity_Day_and_Month
<http://www.longevityhistory.com/longevity-day-and-longevity-month/>
- 2013 <https://longevityalliance.org/new/celebrations-of-the-international-longevity-day-around-the-world/>
<https://ieet.org/index.php/IEET2/more/stambler20131029>
- 2014 <http://www.longecity.org/forum/topic/72013-promoting-longevity-research-on-october-1---the-international-day-of-older-persons/>
- 2015 <http://www.longevityforall.org/international-longevity-day-october-1-2015/>
- 2016 <http://www.longevityforall.org/longevity-day-and-longevity-month-october-2016/>
- 2017 <http://www.longevityforall.org/longevity-day-and-longevity-month-october-2017/>
- 2018 <http://www.longevityforall.org/longevity-day-and-longevity-month-october-2018/>
- 2019 <http://www.longevityforall.org/organizing-the-longevity-month-campaign-for-october-2019/>
- 2020 <https://www.longevityforall.org/longevity-month-october-2020>
- 2021 <https://www.longevityforall.org/longevity-month-october-2021/>
- 2022 <https://longevityalliance.org/new/longevity-month-2022/>
- 2023 <https://longevityalliance.org/new/organizing-events-for-the-international-longevity-day-month-campaign-in-october/>
- 2024 <https://longevityalliance.org/new/longevity-day-and-month-of-october-2024/>

- 2015 **Organizer of the international educational campaign** on aging and longevity research "Metchnikoff's Day - May 15" in honor of the founder of Gerontology <http://www.longevityforall.org/170th-anniversary-of-elie-metchnikoff-the-founder-of-gerontology-may-15-2015/>
<https://hplusmagazine.com/2015/05/06/may-15-2015-170th-anniversary-of-elie-metchnikoff-the-founder-of-gerontology-an-opportunity-to-promote-aging-and-longevity-research/>
- 2013 **Organizer of the international educational** campaign on aging and longevity research "For the Future of Longevity – March 1" <https://longevityalliance.org/new/for-the-future-of-longevity/>
- 2020 **Organizer of the International Longevity activism and awareness raising prize competition.** October 2020 <http://www.longevityforall.org/longevity-activism-prize-winners-announced/>

Co-creation of educational websites on longevity research and advocacy:

- 2002 Elysian Enterprise (the first multilingual website on life-extension research and advocacy, in English, Hebrew, Russian) <https://web.archive.org/web/20030722093218/http://www.elysianenterprise.com/>
- 2009 Singulariut (the first dedicated website on life-extension and transhumanism in Hebrew) <https://singulariut.com/>
- 2013 Alianza Longevidad (the first dedicated website on longevity research and advocacy in Spanish) <https://web.archive.org/web/20131208111654/http://www.alianzalongevidad.com/>
- 2013 India Future Society (the first dedicated website on life-extension and transhumanism in India) <https://indiafuturesociety.org/>
- 2014 Longevity for All (educational website on longevity research and advocacy in 40 languages) <https://www.longevityforall.org/>
- 2015 Iran Longevity Alliance (the first dedicated website on longevity research in Persian) <https://web.archive.org/web/20160325235842/http://www.iranlongevity.com/>
- 2016 Longevity Morocco (the first dedicated website on longevity research in Arabic) <https://web.archive.org/web/20161202114915/http://www.longevity.ma/>
- 2023 Longevity Alliance Baltic (the first dedicated website on longevity research and advocacy in the Baltic region) <https://longevitybaltics.org/>
- 2023 Longevity Industry Ecosystem in Israel (analytical platform) <https://www.longevityisrael.info/>

2024 International Longevity Alliance (analytical platform)
<https://www.longevity.international/ila>

Editorship:

Editorial board member:

Aging and Disease (editorial board member) <http://www.aginganddisease.org/>

Advances in Gerontology (editorial board member) <https://link.springer.com/journal/13329/editors>
<https://www.pleiades.online/en/journal/advger/board/>

Ageing and Longevity Research (ALR) (editorial board member)
<https://www.sciltp.com/journals/alr/about/editorialTeam>

Frontiers in Medicine - Geriatric Medicine (review editor)
<https://www.frontiersin.org/journals/medicine/sections/geriatric-medicine>
<https://loop.frontiersin.org/people/7016/overview>

Frontiers in Bioscience (editorial board member) <https://www.bioscience.org/>

Editor in Chief: *History and Philosophy of Medicine*. Traditional Medicine Research (TMR) Publishing Group https://www.tmrjournals.com/notice.html?J_num=8&footer_id=108

Editor: Special issue *Frontiers in Bioscience* “Molecular pathways of aging and longevity” (2017)
https://www.bioscience.org/special-issue-details?editor_id=1746

Section editor: Science, Technology and Society – Biomedical; Historical Gerontology. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. <https://link.springer.com/referencework/10.1007/978-3-319-69892-2>

Research topic editor: Clinical Evaluation Criteria for Aging and Aging-related Multimorbidity. In: *Frontiers in Genetics: Genetics of Aging*, 2020-2021 <https://www.frontiersin.org/research-topics/14483/clinical-evaluation-criteria-for-aging-and-aging-related-multimorbidity>

Member of the editorial advisory board: *Healthy Ageing and Longevity (HAL)* book series. Springer-Nature. <https://www.springer.com/series/13277?detailsPage=free>

Co-editor: Alexey Moskalev, Ilia Stambler and Alex Zhavoronkov (Eds.) *Artificial Intelligence for Healthy Longevity*. Book series *Healthy Ageing and Longevity*. Springer Nature, 2023. <https://www.springer.com/series/13277?detailsPage=titles>

Co-editor: Alexey Moskalev and Ilia Stambler. The Concept of Longevity Medicine Development. In: *Handbook on Longevity Medicine: The Road Map*. Edited by Arseniy Trukhanov, Mike K.S. Chan, Yuriy Nalapko. European Wellness Academy, 2024.

LIST OF SCIENTIFIC PUBLICATIONS

(a) Books:

1. **Stambler I.** *A History of Life-Extensionism in the Twentieth Century*, Longevity History, 2011, 2014
<http://www.longevityhistory.com/>
2. **Stambler I.** *Longevity Promotion: Multidisciplinary Perspectives*, Longevity History, 2017
<http://www.longevityhistory.com/>

(b) Book Chapters:

1. **Stambler I.** Heroic Power in Thomas Carlyle and Leo Tolstoy. In: *Political Leadership, SAGE Library of Political Science*, 2011, edited by David S. Bell. <https://uk.sagepub.com/en-gb/eur/political-leadership/book235100>
2. **Stambler I.** Longevity and the Indian tradition; Longevity and the Jewish tradition; Longevity in the ancient Middle East and the Islamic tradition. In: *Longevitize!: Essays on the Science, Philosophy & Politics of Longevity*, Center for Transhumanity, 2013, edited by Franco Cortese. <https://www.scribd.com/document/260996864/Longevitize-Essays-on-the-Science-Philosophy-Politics-of-Longevity>
3. **Stambler I.** Human life extension: opportunities, challenges, and implications for public health policy. In: *Anti-aging Drugs: From Basic Research to Clinical Practice*, Royal Society of Chemistry, 2017, edited by Alexander Vaiserman. <https://doi.org/10.1039/9781782626602-00535>
4. **Stambler I.** What do we need to know to treat degenerative aging as a medical condition to extend healthy lifespan? In: *The Transhumanism Handbook*. Springer Science, 2019, edited by Newton Lee. https://doi.org/10.1007/978-3-030-16920-6_21
5. **Stambler I.** Life-Extension, from history to futurism in the Twentieth Century. In: *T-day Transumanesimo della vita quotidiana*, Armando Editore, 2019, edited by Roberto Guerra, Pierfranco Bruni. <https://www.corrierepl.it/2019/06/26/t-day-transumanesimo-della-vita-quotidiana/>
6. **Stambler I.** Aging research in the late nineteenth to early twentieth century. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_377-1
7. Barker R and **Stambler I.** Clinical translation acceleration. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_389-1
8. **Stambler I.** Endocrine rejuvenation in a historical perspective. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_376-1

9. **Stambler I.** Gerocomia in the history of aging care. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_378-1
10. **Stambler I.** Homeostasis in the history of aging research. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_380-1
11. **Stambler I.** Life-Extensionism in a historical perspective. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_381-1
12. **Stambler I** and Milova E. Longevity activism. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_395-1
13. **Stambler I.** Medical alchemy in history. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_382-1
14. **Stambler I.** Regulation of geroprotective medications. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_399-1
15. Padki M and **Stambler I.** Targeting aging with metformin (TAME). In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu. https://doi.org/10.1007/978-3-319-69892-2_400-1
16. **Stambler I.** Vetek (Seniority): The Movement for Longevity and Quality of Life. In: *The Encyclopedia of Gerontology and Population Aging*, Springer, 2019, edited by Matthew Dupre and Danan Gu, https://doi.org/10.1007/978-3-319-69892-2_1016-1
17. **Stambler I.** History of Life-extensionism. In: *Encyclopedia of Biomedical Gerontology*, Elsevier, 2019, edited by Suresh Rattan. <https://doi.org/10.1016/B978-0-12-801238-3.11331-5>
18. **Stambler I.** Ethics of anti-ageing intervention. In: *Encyclopedia of Biomedical Gerontology*, Elsevier, 2019, edited by Suresh Rattan. <https://doi.org/10.1016/b978-0-12-801238-3.62138-4>
19. **Stambler I.** Health and Immortality. In: *Explaining Health Across the Sciences*. Springer Nature, 2020, edited by Suresh Rattan. https://doi.org/10.1007/978-3-030-52663-4_26
20. **Stambler I.** Longevity foods in myth, legend and history. In: *Nutrition, Food and Diet in Health and Longevity. Book series Healthy Ageing and Longevity*. Springer Nature, 2021, edited by Suresh Rattan and Gurcharan Kaur. https://doi.org/10.1007/978-3-030-83017-5_20
21. Blokh D, Gitarts J, Mizrahi EH, Kagansky N, **Stambler I.** The utility of information theory based methods in the research of aging and longevity. In: *Artificial Intelligence for Healthy Longevity. Book*

series Healthy Ageing and Longevity, Springer Nature, 2023, edited by Alexey Moskalev, Ilia Stambler, Alex Zhavoronkov. https://doi.org/10.1007/978-3-031-35176-1_12

22. **Stambler I.** The longevity movement building. In: *Longevity Economy – a world view on its structuring themes*, Almedina, 2024, edited by Ana Marquilhas, Ana Sepulveda.

23. **Stambler I,** Young S, Kaminskiy D, Inkster I, Cortese F, Olshansky J. Policies for healthy longevity. In: *Handbook on Longevity Medicine: the Road Map*. Edited by Arseniy Trukhanov, Mike K.S. Chan, Yuriy Nalapko. European Wellness Academy, 2024. <https://doi.org/10.69669/ck7298>

24. **Stambler I.** The national longevity ecosystem in Israel: an international frame of reference and collaboration. In: *Handbook on Longevity Medicine: The Road Map*. Edited by Arseniy Trukhanov, Mike K.S. Chan, Yuriy Nalapko. European Wellness Academy, 2024. <https://doi.org/10.69669/br8662>

25. **Stambler I,** Kobzevaite M, Oh J, Kistkins S. Social, historical and anthropological aspects of research on the brain and mental health in aging. In: *Brain and Mental Health in Aging. Book series Healthy Ageing and Longevity*. Edited by Suresh Rattan and Gurcharan Kaur. Springer Nature, 2024. <https://link.springer.com/book/9783031685125> https://doi.org/10.1007/978-3-031-68513-2_2

26. **Stambler I.** The politics of the Longevity Dividend. Why aren't we doing as much as we could? In: *The Biopolitics of Human Enhancement*. Edited by Steven Umbrello, James Hughes, Cristiano Cali. De Gruyter, 2024. <https://www.degruyter.com/document/isbn/9783111242996/html> <https://doi.org/10.1515/9783111242651-008>

27. **Stambler I.** The politics of the Longevity Dividend. How much is healthy longevity worth us? In: *The Biopolitics of Human Enhancement*. Edited by Steven Umbrello, James Hughes, Cristiano Cali. De Gruyter, 2024. <https://www.degruyter.com/document/isbn/9783111242996/html> <https://doi.org/10.1515/9783111242651-009>

(c) Refereed articles in scientific journals:

1. Guejes L, Zurgil N, **Stambler I,** Gilburd B, Shoenfeld Y, Deutsch M. The influence of different cultivating conditions on polymorphonuclear leukocyte apoptotic process in vitro, II: Ultrastructural characteristics of PMN populations incubated with proteinase 3 anti-neutrophil autoantibodies. *Ultrastructural Pathology*, 29, 37-51, 2005. <https://doi.org/10.1080/01913120490897547>
2. Blokh D, Afrimzon E, **Stambler I,** Korech E, Shafran Y, Zurgil N, Deutsch M. Breast cancer detection by Michaelis-Menten constants via linear programming. *Computer Methods and Programs in Biomedicine*, 85, 210-213, 2006. <https://doi.org/10.1016/j.cmpb.2006.11.003>
3. **Stambler I.** Heroic Power in Thomas Carlyle and Leo Tolstoy. *The European Legacy*, 11, 737-751, 2006. <https://doi.org/10.1080/10848770601023073>

4. Blokh D, **Stambler I**, Afrimzon E, Shafran Y, Korech E, Sandbank J, Orda R, Zurgil N, Deutsch M. The information-theory analysis of Michaelis–Menten constants for detection of breast cancer. *Cancer Detection and Prevention*, 31, 489–498, 2007. <https://doi.org/10.1016/j.cdp.2007.10.010>
5. Blokh D, Zurgil N, **Stambler I**, Afrimzon E, Shafran Y, Korech E, Sandbank J, Deutsch M. An information-theoretical model for breast cancer detection. *Methods of Information in Medicine*, 47, 322-327, 2008. <https://doi.org/10.3414/ME0440>
6. Blokh D, **Stambler I**, Afrimzon E, Platkov M, Shafran Y, Korech E, Sandbank J, Zurgil N, Deutsch M. Comparative analysis of cell parameter groups for breast cancer detection. *Computer Methods and Programs in Biomedicine*, 94, 239-249, 2009. <https://doi.org/10.1016/j.cmpb.2009.01.005>
7. **Stambler I**. Life extension – a conservative enterprise? Some fin-de-siècle and early twentieth-century precursors of transhumanism. *Journal of Evolution and Technology*, 21, 13-26, 2010. <https://jetpress.org/v21/stambler.htm>
8. **Stambler I**. On the history of life-extension research: Does the whole have parts? *Rejuvenation Research*, 16, S41, 2013. <https://www.liebertpub.com/doi/10.1089/rej.2013.16.sens6abs>
9. Blokh D and **Stambler I**. Estimation of heterogeneity in diagnostic parameters of age-related diseases. *Aging and Disease*, 5, 218-225, 2014. <https://doi.org/10.14336/AD.2014.0500218>
10. **Stambler I**. The unexpected outcomes of anti-aging, rejuvenation and life extension studies: an origin of modern therapies. *Rejuvenation Research*, 17, 297-305, 2014. <https://doi.org/10.1089/rej.2013.1527>
11. **Stambler I**. The pursuit of longevity – The bringer of peace to the Middle East. *Current Aging Science*, 6, 25-31, 2014. <https://doi.org/10.2174/1874609807666140521110554>
12. **Stambler I** and Khaltourina D. Biology of aging and non-communicable diseases as a global priority. *Global Aging* 9 (2), 11-14, 2015. <https://ifa.ngo/>
13. Jin K, Simpkins JW, Ji X, Leis M, **Stambler I**. The critical need to promote research of aging and aging-related diseases to improve health and longevity of the elderly population. *Aging and Disease*, 6 (1), 1-5, 2015. <https://doi.org/10.14336/AD.2014.1210>
14. **Stambler I**. Stop Aging Disease! ICAD 2014. *Aging and Disease*, 6 (2), 76-94, 2015. <https://doi.org/10.14336/AD.2015.0115>
15. Blokh D and **Stambler I**. Information theoretical analysis of aging as a risk factor for heart disease. *Aging and Disease*, 6 (3), 196-207, 2015. <https://doi.org/10.14336/AD.2014.0623>
16. Blokh D and **Stambler I**. Applying information theory analysis for the solution of biomedical data processing problems. *American Journal of Bioinformatics*, 3 (1), 17-29, 2015. <https://doi.org/10.3844/ajbsp.2014.17.29>

17. **Stambler I.** Elie Metchnikoff – the founder of longevity science and a founder of modern medicine: In honor of the 170th anniversary. *Advances in Gerontology*, 28 (2), 207-217, 2015 (Russian); 5, 201-208 (English). <https://doi.org/10.1134/S2079057015040219>
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(d) Analytical Reports:

1. **Stambler I**. What We Can Expect: New Growth Sectors. In: The Medical Technology Development Pipeline. In: *The New Age of Aging*, Global Healthspan Policy Institute, 2016. <https://healthspanpolicy.org/>

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3. **Stambler I**, Alex Friedman, Hanan Tal. Research, Development and Education for the Promotion of Healthy Longevity and Prevention of Aging-related Diseases. In: *The Israel National Masterplan on Aging*, Knesset, Jerusalem, 2019 (in Hebrew). <https://main.knesset.gov.il/activity/committees/labor/Pages/CommitteeReports.aspx>
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1. **Stambler I.** Ingenium. Five Machines that Changed the World by Mark Denny. *The European Legacy*, 13, 260-261, 2008.
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(f) Presentation of papers at scientific meetings:

1. **Stambler I.** Elie Metchnikoff and the rise of the Life-extensionist Movement. *The 8th Yearly Conference of the Israel Society for the History and Philosophy of Science*. Jerusalem. March 16, 2008 (**Invited Speaker. Organizer of the panel:** “To postpone the inevitable: Historical, Sociological and Research Aspects of Anti-aging”).
2. **Stambler I.** Society for life extension? Some ideological justifications for the pursuit of longevity. *The Future of Humanity: Post-Humanism and Trans-Humanism*. The Van Leer Institute in Jerusalem, October 24, 2011 (**Invited speaker. Member of the conference organizing committee**).
3. **Stambler I.** A history of life-extensionism in the 20th century. Between reductionism and holism: from subtraction and addition toward balance. *The 12th Yearly Conference of the Israel Society for the History and Philosophy of Science*. Jerusalem, March 11, 2012 (**Oral**).
4. **Stambler I.** Political positioning of healthy life extension. *Eurosymposium on Healthy Ageing. A new age of long term health and longevity*. Brussels, December 12-14, 2012 (**Invited speaker**).
5. **Stambler I.** The unexpected outcomes of lifespan extension studies: an origin of modern therapies. *The 8th European Congress of Biogerontology*. Beer Sheva, March 10-13, 2013 (**Invited speaker. Member of the congress organizing committee**).

6. **Stambler I.** On the history of life-extension research: Does the whole have parts? *Sixth SENS Conference (SENS6). Reimagine Aging.* Queens' College – Cambridge UK, September 3-7, 2013 (**Oral. Panel Chair**).
7. **Stambler I.** Blokh D. Application of information theory to assess biomarkers of aging. *From Biology of Aging to Longevity and Quality of Life. Conference toward the renewal of the activities of the Israeli Society for the Biology of Aging.* Tel Aviv, October 1, 2013 (**Oral. Chair of the conference organizing committee**).
8. **Stambler I.** The Pursuit of Longevity – The Bringer of Peace to the Middle East. *International Istanbul Initiative on Ageing.* Istanbul, October 4-6, 2013 (**Oral**).
9. **Stambler I.** The need for public support for aging and longevity research. *Pathways to Healthy Longevity. Israel Science Day.* Bar Ilan University, Ramat Gan, Israel, March 26, 2014 (**Invited Speaker. Member of the Conference Organizing Committee**).
10. **Stambler I.** Biology of aging as a basis for future treatment of non-communicable diseases and health care for the aged. *IFA 12th Global Conference on Ageing.* Hyderabad, India, June 10-13, 2014 (**Invited Speaker. Organizer of the Symposium: “The Aging Process as the Main Underlying Cause of Non-Communicable Diseases: Science and Policy”**).
11. **Stambler I.** The use of information theory for the study of aging, aging related diseases and healthy longevity. *2014 International Conference on Aging and Disease (2014 ICAD).* Beijing, China, November 1-2, 2014 (**Invited Speaker. Panel Chair**).
12. **Stambler I.** The relation of Longevity Research and General Medicine - an Historical Overview. *The ELPI Third Symposium on Pathways to Indefinite Lifespans and Metchnikoff Day.* Larnaca, Cyprus. May 22-23, 2015 (**Invited Speaker**).
13. **Stambler I.** Recognizing degenerative aging as a treatable medical condition: methodology and policy. *Biomedical Innovation for Healthy Longevity – International Conference.* St. Petersburg, Russia. April, 25-28, 2016 (**Invited speaker. Panel Chair**).
14. **Stambler I.** *3rd International Practical Applications for Aging Research Forum at the Basel Life Science Week.* Basel, Switzerland, September 21-22, 2016 (**Invited speaker. Co-chair of the Panel Discussion: Current Issues in Aging & Longevity**).
15. **Stambler I.** The critical need to promote research of aging. *2016 International Conference on Aging and Disease (2016 ICAD).* Stanford, California, US, October 1-2, 2016 (**Invited Speaker. Panel Chair. Organizer of the panel: “Public support for aging research”**).
16. **Stambler I.** The Quantified Longevity Guide – QLG. *MIXiii Biomed 2017 – Israel 16th National Life Sciences & Technology Week.* Tel Aviv, Israel, May 23-25, 2017 (**Invited Speaker. Panel: Longevity – Genetics and Epigenetics**).

17. **Stambler I.** Addressing degenerative aging as a medical condition – a national priority. *3rd International Conference on Personalized Medicine and Global Health*. Astana, Kazakhstan, September 15, 2017 (**Invited Keynote Speaker**).
18. **Stambler I.** Diagnosis of aging = Early detection of aging-related diseases. *Pathways to Healthy Longevity 2017*. Bar Ilan University, Ramat Gan, Israel, October 15, 2017 (**Invited Speaker. Member of the Conference Organizing Committee. Panel Chair. Organizer of the panel: Measures of Healthy Longevity**).
19. **Stambler I.** Strengthening the research and development for healthy longevity – a vital part of coping with the population aging. *Special discussion of the Knesset Committee on Science and Technology, on the subject: Strengthening the research and development for improving the quality of life and longevity and prevention of aging-related diseases*. Knesset, Jerusalem, July 9, 2018 (**Invited Speaker. Member of the Discussion Organizing Committee**).
20. **Stambler I, Blokh D, Mizrahi EH.** New methods for the diagnosis of old-age multimorbidity. *2018 International Conference on Aging and Disease (2018 ICAD)*. Nice, France, October 5-7, 2018 (**Invited Speaker**).
21. **Stambler I.** Public, regulatory and policy support is needed to advance aging and longevity R&D and its application. *The UNESCO Chair in Bioethics 13th World Conference on Bioethics, Medical Ethics & Health Law*. Jerusalem, November 27-29, 2018 (**Oral**).
22. **Stambler I.** Research, development and education for the promotion of healthy longevity and prevention of aging-related diseases. *Special discussion of the Knesset Committee for Building the National Masterplan on Aging, on the subject: Enhancing research, development and education for the promotion of healthy longevity and prevention of aging-related diseases*. Knesset, Jerusalem, December 24, 2018 (**Invited Speaker. Member of the Discussion Organizing Committee**).
23. **Stambler I.** Public initiatives in support of aging research. *International Perspectives on Geroscience – Israel*. Weizmann Institute of Science, Rehovot, Israel, September 4-5, 2019 (**Invited Speaker. Member of the Conference Organizing Committee. Panel Chair. Organizer of the panel: The preparedness of the Israeli society for the population aging**).
24. **Stambler I.** Advancing anti-aging R&D regulation and policy in Israel and internationally. *2019 UNESCO Anti-aging Executive Committee Launch and The Second (Beijing) Annual International Biomedical Health Conference*. Beijing, China, December 16, 2019 (**Invited Speaker**).
25. **Stambler I.** The vital need to promote longevity research and advocacy in Africa and around the world. *2020 International Conference on Future Africa: Sustaining the Source*. Lagos, online, April 21-23, 2020 (**Invited speaker**).
26. **Stambler I.** Marking the 175th Years Anniversary of Elie Metchnikoff – The founder of gerontology and cell immunology – May 15, 2020: The lessons from history and hope for the future. *The 1st Metchnikoff's Day Online Conference "Aging, Immunity and COVID-19"*. Paris, online, May 16, 2020 (**Chairman of the organizing committee**).

27. **Stambler I.** 175th anniversary of Elie Metchnikoff – the founder of Gerontology and Cell Immunology. Lessons of the Past – Hope for the Future. *The Ukrainian national forum of immunologists, allergologists, microbiologists and specialists in internal medicine, in honor of the 175th anniversary of Elie Metchnikoff*. Kharkov, on line, September 16-17, 2020 (**Invited speaker**).
28. **Stambler I.** Developing diagnostic evaluation criteria for aging and aging-related multimorbidity – The basis for developing and testing anti-aging diagnostics and therapies. *Eurosymposium on Healthy Ageing*. Brussels, online, October 1, 2020 (**Invited speaker. Member of the organizing committee**).
29. **Stambler I.** Longevity research and advocacy in the age of COVID-19. *Biomedical research and development in the field of longevity and the pandemics*. Moscow, online, October 31, 2020 (**Invited speaker**).
30. **Stambler I.** Elie Metchnikoff - the founder of gerontology. *The third congress of the historians of medicine of Ukraine with international participation*. Kharkov, online, December 10-11, 2020 (**Invited speaker**).
31. **Stambler I.** Have the anti-aging interventions worked? Some lessons from the history of anti-aging experiments on animals and humans. *Conference and workshops. Clarifying whether and to what degree the current anti-aging approaches work in mice or people*. Brussels, online, February 11, 2021 (**Member of the organizing committee**).
32. **Stambler I.** Promoting healthy longevity and preventing aging-related diseases – An urgent task. *The national conference on Longevity and Quality of Life, in memory of Rafi Eitan*. Tel Aviv, online, 1 March 2021 (**Chairman of the organizing committee**).
33. **Stambler I.** Aging-related diseases and research for healthy longevity promotion. *Digital Transformation in Science, Education and Arts Conference*. Ljubljana, Slovenia, online, March 12, 2021 (**Invited speaker**).
34. **Stambler I.** Institutional Co-Founder Spotlight: International Longevity Alliance - Agenda for 2021-2022. *Launch event of Longevity.International, an open access, non-profit decentralised Longevity Industry Knowledge and Collaboration platform*, online. London, online, June 23, 2021 (**Invited speaker**).
35. **Stambler I.** International Longevity Alliance projects in bioinformatics of aging. *Big Data, A.I. and Healthy Longevity*. Brussels, online, September 9, 2021. (**Invited speaker. Member of the Organizing committee**).
36. **Stambler I.** Social support for geroscience. *XIV International & Interdisciplinary Scientific Conference “Vanguard Scientific Instruments in Management 2021” (VSIM:21), Longevity Section*. Ravda, Bulgaria, online, September 11, 2021. (**Invited speaker**).
37. **Stambler I.** Strengthening regulation and policy in the field of biotechnology of longevity. *IV International Forum "Biotechnologies: Science, Education, Industry" BIO-Asia Altai 2021*. Barnaul, Russia, online, September 24, 2021 (**Invited speaker**).

38. **Stambler I.** The development of biomedical gerontology in Ukraine – an historical priority. *The fourth congress of the historians of medicine of Ukraine with international participation*. Kharkov, online, November 3-4, 2021 (**Invited speaker**).
39. **Stambler I.** Promotion of healthy longevity as a universal preventive measure for future crises. *Formwelt Institute's Larnaca Conferences Online. What do we have to expect from the future? Panel Session: Pandemics and metacrisis*. Lüchow, Larnaca, online, November 21, 2021 (**Invited speaker**).
40. **Stambler I.** Healthy Longevity – possibilities and challenges of the 21st century. *Healthy Longevity – achievements and challenges*. Tel Aviv, November 25, 2021 (**Invited speaker, chairman of the organizing committee**).
41. **Stambler I.** International promotion of healthy longevity. *An online symposium on Ageing: mechanisms and interventions, A satellite event of 2021 Annual meeting of Society for Neurochemistry India (SNCI)*. Hyderabad, online, December 2, 2021 (**Invited speaker. Co-chair and member of the organizing committee**).
42. **Stambler I.** Recognizing degenerative aging as a treatable medical condition: methodology and policy. *An international online congress «Aging Management» - The expert view on life extension*. Moscow, online, December 16-17, 2021 (**Invited speaker, member of the organizing committee**).
43. **Stambler I.** International longevity advocacy. *Ist National Convention of the Italian Longevity League*. Castello di Colloredo di Montalbano (Udine province), Italy, online, May 20-21, 2022 (**Invited honorary speaker**).
44. **Stambler I.** International longevity promotion. *The 17th LUMEN International Scientific Conference: Rethinking Social Action. Core Values in Practice*. Iasi, Romania & online worldwide, June 2-4, 2022 (**Invited plenary speaker**).
45. **Stambler I.** What are we going to do: Healthy 100; A blessing or a curse? Session “I want to be alive and well: The new aging: Healthy 100”. “*Medicine 2042*” Congress, Tel Aviv, June 8-9, 2022 (**Invited speaker**).
46. **Stambler I.** Longevity in the Jewish tradition. *Jewish heritage and culture fair*. Cascais, Portugal, June 23, 2022 (**Invited speaker, online**).
47. **Stambler I.** Healthy Longevity Promotion. *E-International Conference on Biomedical and Pharmaceutical Sciences of The World Forum of Young Scientists*. Lahore, Pakistan, online. August 27-28, 2022 (**Invited speaker**).
48. **Stambler I.** Longevity education – an essential, yet underappreciated, part of the longevity field. *XV International & Interdisciplinary Scientific Conference “Vanguard Scientific Instruments in Management 2022” (VSIM:22), Longevity Section*. Ravda, Bulgaria, online, September 10, 2022 (**Invited speaker**).

49. **Stambler I.** Longevity Day: Boosting Longevity Awareness and Activism. *Longevity Day – October 1: Ten Years of the Longevity Day/Month Campaign*. Global Online, October 1, 2022 (**Chairman of the organizing committee**).
50. **Stambler I.** Addressing aging as a medical condition: Methodology and Policy. *The 2nd Mediterranean Congress of Anti-aging Medicine 2022. "How to extend life span in the age of new technologies"*. Larnaca, Cyprus, October 15-16, 2022 (**Invited speaker. Session chair**).
51. **Stambler I.** Recognizing degenerative aging as a medical condition: the computational, methodological and policy challenges. *The 2022 International Forum on "AI & Cognitive Science" and "Aging & Diseases"*. Shanghai, online, October 27-30, 2022 (**Invited speaker. Co-chair and member of the organizing committee**).
52. **Stambler I.** Panel discussion. *Healthy Masters*. Braga, Portugal, and online, November 5-6, 2022 (**Invited speaker**).
53. **Stambler I.** Promising research directions in the longevity area, as well as social and policy implications. *Eternity Life Forum*. Kyiv and online, November 11, 2022 (**Invited speaker**).
54. **Stambler I.** Improving data operability for healthy longevity. *Eurosymposium on Healthy Ageing*. Brussels and online, November 25-26, 2022 (**Invited speaker, session chair, member of the organizing committee**).
55. **Stambler I.** Building the Longevity Ecosystem for Israel and international collaboration. *Longevity Nation – Enhancing Research Development and Education for Healthy Longevity*. Bar-Ilan University, Israel, March 26-27, 2023 (**Chairman of the organizing committee**) <https://longevitynation.org/>
56. **Stambler I.** Promoting the longevity biotech ecosystem internationally. *Deep Tech Atelier 2023, the Investment and Development Agency of Latvia*. Riga, Latvia, April 20-22, 2023 (**Invited keynote speaker**).
57. **Stambler I.** Panel. *The 1st Sheba Longevity Conference. From research to evidenced-based clinical practice*. Sheba Medical Center. Ramat Gan, Israel, May 10-11, 2023 (**Invited speaker**).
58. **Stambler I.** Recognizing degenerative aging as a medical condition to extend healthy longevity: research methodology, education and policy. *Global Longevity Federation*. Dubai, UAE and online, May 15-16, 2023 (**Invited speaker**).
59. **Stambler I.** Longevity education and advocacy – essential, yet underappreciated determinants of the longevity field. *XVI International & Interdisciplinary Scientific Conference "Vanguard Scientific Instruments in Management 2023" (VSIM:23), Longevity Section*. Ravda, Bulgaria, online, September 10, 2023 (**Invited speaker**).
60. **Stambler I.** Recognizing degenerative aging as a medical condition to enable longevity interventions: research methodology, education and policy. *2023 International Conference on Aging and Disease (2023 ICAD)*. Shanghai, China, October 27-30, 2023 (**Invited Speaker. Member of the organizing committee. Not attended due to the events in Israel**).

61. **Stambler I.** Current state of anti-aging research, development and education in Israel. *20 Years of the European Society of Preventive, Regenerative and Anti-Aging Medicine (ESAAM)*. Athens, Greece and online, November 10, 2023 (**Invited speaker**).
62. **Stambler I.** Panel discussion. *Healthy Masters*. Braga, Portugal, and online, November 11-12, 2022 (**Invited speaker**)
63. **Stambler I.** Promoting Longevity Research and Advocacy Internationally. *First Baltics Conference on Healthy Longevity*. Riga, Latvia and online, November 25, 2023 (**Keynote speaker. Chairman of the Organizing committee**).
64. **Stambler I.** Promoting Healthy Longevity Research and Advocacy Internationally. *Healthy Longevity Medicine 2023*. Kaunas, Lithuania and online, December 8, 2023 (**Invited Speaker**).
65. **Stambler I.** Longevity ecosystem in Israel. *Ageless Horizons: Connecting Minds for Longevity. Longevity Israel Meetups*. Tel-Aviv, April 8, 2024 (**Keynote speaker. Member of the organizing committee**).
66. **Stambler I.** Promoting Longevity Research and Advocacy Internationally. *Second Baltics Conference on Healthy Longevity*. Riga, Latvia and online, June 7-8, 2024 (**Keynote speaker. Chairman of the Organizing committee**).
67. **Stambler I.** Promoting longevity research and education internationally. 2024 Korea-Israel-USA Joint Symposium. “ADaM: Antiaging, Drug and Microbiome. Seoul, Tel-Aviv, New York, Online, September 9-10, 2024 (**Invited speaker**).
68. **Stambler I.** Promoting longevity education internationally. *XVI International & Interdisciplinary Scientific Conference “Vanguard Scientific Instruments in Management 2023” (VSIM:23), Longevity Section*. Ravda, Bulgaria, online, September 11, 2024 (**Invited speaker**).
69. **Stambler I.** Promoting Longevity Activism Internationally. *Conference on Healthy Longevity*. Ljubljana, Slovenia and online, October 8, 2024 (**Invited speaker**).
70. **Stambler I.** Building the Longevity Ecosystem for Israel and international collaboration. *Longevity Nation – Enhancing Research Development and Education for Healthy Longevity*. Bar-Ilan University, Israel, October 28-31, 2024 (**Keynote speaker. Chairman of the organizing committee**) <https://longevitynation.org/>

Additional information:

Dissertation and book reviews for “A History of Life-extensionism”

Zealley B, de Grey A.D.N.J. Commentary on Some Recent Theses Relevant to Combating Aging: December 2012. *Rejuvenation Research*, 15(6), 629-630, 2012.

Pellissier H. Five Star Reviews for Ilia Stambler’s “History of Life Extension in the 20th Century”. *Brighter Brains*, October 03, 2014.

The book was featured in Huffington Post, Blasting News, KurzweilAI.net, Institute for Ethics and Emerging Technologies (IEET), H+ Magazine, Fight Aging, etc.

Book reviews for “Longevity Promotion: Multidisciplinary Perspectives”

Featured in Israel21c, Fight Aging, Serious Wonder, Institute for Ethics and Emerging Technologies (IET), H+ Magazine, Lifespan.io, KurzweilAI.net, etc.

Media appearances in 2020

<https://www.linkedin.com/pulse/2020-showed-need-promote-aging-ameliorating-therapies-ilia-stambler/>

Speaking engagements in 2022

<https://www.linkedin.com/pulse/longevity-promotion-ilia-stambler/>

Media appearances in 2023

<https://www.longevityisrael.org/press/>