

CURRICULUM VITAE**1. Personal Details**

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2. Higher Education**A. Undergraduate and Graduate Studies**

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
1976 – 1980	The Institute of Veterinary Medicine, Tbilisi, Georgia	B.Sc.	1980
1987 – 1990	Ben-Gurion University of the Negev Department of Life Sciences	M.Sc.	1990
1990 – 1995	Ben-Gurion University of the Negev, Department of Life Sciences	Ph.D.	1995

B. Post-Doctoral Studies

Period of Study	Name of Institution and Department and Host	Degree	Year of Approval of Degree
1996 – 1998	Ben-Gurion University of the Negev Department of Life Sciences. Prof. Yoel Margalith	Post-Doctoral Training	1998
1998 – 2000	Ben-Gurion University of the Negev, Department of Life Sciences. Prof. Arieh Zaritsky and Prof. Sammy Boussiba	Post-Doctoral Training	2000

3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
1998-2003	Ben-Gurion University of the Negev, Department of Life Sciences, Beer-Sheva, Israel	Adjunct Lecturer
2003	The College of Judea and Samaria, Ariel, Israel	Adjunct Lecturer
2003-present	Ben-Gurion University of the Negev, National Institute for Biotechnology, Beer-Sheva, Israel	Adjunct Research Scientist
2003-2012	Ahva Academic College, Department of Life Sciences, Israel	Senior lecturer with Tenure
2004-2005	Ben-Gurion University of the Negev, Department of Biotechnology Engineering, Beer-Sheva, Israel	Adjunct Lecturer
2007-2010	Ben-Gurion University of the Negev, Department of Life Sciences, Beer-Sheva, Israel	Adjunct Lecturer
2012-present	Ahva Academic College, Department of Life Sciences, Israel	Associate Professor with Tenure
2016	Ben-Gurion University of the Negev, Department of Biotechnology Engineering, Beer-Sheva, Israel	Adjunct Lecturer

4. Offices in Academic Administration

2012-2018	Chairman of the Departmental Undergraduate Committee
2013-2016	Member of the Research Committee
2014-	Member of the Internal Appointment Committee
2014-	Member of the Intake and Tenure Committee
2017-2018	Head of Research Authority
2017-	Member of Academic Council
2018-	Dean, School of Science

5. Scholarly Positions and Activities outside the Institution

(a) Professional function

2000-2002	Co-Initiator and Research Program Leader, Start-Up Enterprise, Bio San Ltd. (venture capital; \$350,000)
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(b) Professional consulting

2000-	Zohar Dalia (unit Bio Dalia) Ltd., Kibbutz Dalia, Israel. Subject - Bacterial growth of <i>B. thuringiensis</i> subsp. <i>israelensis</i>
2005-	Ramat-Hovav Industrial Council. Subject - Quantification and inhibition of sulphate-reducing bacteria growth in industrial wastewater
2016-2019	Professional Steering Committee Member. Kendall program to leverage the Israeli Agricultural R&D. Subject - Development and farm application of microbial control agents for the advancement of Israeli Agro-Biotech Industry

(c) Membership in scientific societies

1992- Israel Society of Microbiology
1994- The Entomological Society of Israel
2006- International Society for Microbial Ecology

(d) Editorial board in scientific periodicals

2008-2013 The Open Toxinology Journal

(e) Referee of Ph.D. thesis

2015- Nissim Swissa, "Atrazine biodegradation by bacterial consortium immobilized to polyethylene terephthalate (PET) fibers in a bioreactor" The Mina & Everard Goodman Faculty of Life Sciences, Bar-Ilan University.

(f) Refereeing manuscripts for international peer-reviewed periodicals

Nature Protocols (Q1, IF 9.6); *PLOS Pathogens* (Q1, IF 7.0); *Environmental Microbiology* (Q1, IF 5.9); *Frontiers in Microbiology* (Q1, IF 4.2); *Microbial Biotechnology* (Q1, IF 4.0); *Toxins* (Q1, IF 3.6); *Microbial Ecology* (Q1, IF 3.2); *Ecotoxicology and Environmental Safety* (Q1, IF 3.1); *International Journal of Biological Macromolecules* (Q1, IF 3.1); *Journal of Invertebrate Pathology* (Q1, IF 2.2); *Journal of Medical Entomology* (Q1, IF 1.7); *BMC Microbiology* (Q2, IF 2.6); *Peptides* (Q2, IF 2.5); *Acta Tropica* (Q2, IF 2.4); *Ecology and Evolution* (Q2, IF 2.4); *Journal of Applied Microbiology* (Q2, IF 2.2); *Journal of Economic Entomology* (Q2, IF 1.6); *Entomologia Experimentalis et Applicata* (Q2, IF 1.4); *Gene* (Q3, IF 2.3); *Antonie van Leeuwenhoek International Journal of General and Molecular Microbiology* (Q3, IF 1.9); *FEMS Microbiology Letters* (Q3, IF 1.9); *Letters in Applied Microbiology* (Q3, IF 1.6); *World Journal of Microbiology and Biotechnology* (Q3, IF 1.5); *New Zealand Journal of Crop and Horticultural Science* (Q3, IF 0.4); *Canadian Journal of Microbiology* (Q4, IF 1.3); *Protein Journal* (Q4, IF 1.0); *BMC Research Notes*; *Recent Patents on DNA and Gene Sequence*; *The Open Toxinology Journal*; *Pest Technology*; *African Journal of Biotechnology*

6. Participation in Scholarly Conferences

International

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
1992	Annu. Meet. Soc. Invertebr. Pathol.	Germany	A partial restriction map of the large plasmid of <i>Bacillus thuringiensis</i> var. <i>israelensis</i>	Presenter
1994	7th International Congress of Bacteriology and Applied Microbiology Division	Czech Republic	Mosquito larvicidal activity of <i>Escherichia coli</i> with combinations of genes from <i>Bacillus thuringiensis</i> var. <i>israelensis</i>	Presenter
1994	VI th Intern. Colloq. on Invertebr. Pathol. and Microbial Control, II nd Inter. Conf. on <i>Bacillus thuringiensis</i>	France	Mosquito larvicidal activity of <i>Escherichia coli</i> with combinations of genes from <i>Bacillus thuringiensis</i> var. <i>israelensis</i>	Presenter
1995	Euroasian Symposium on Current Trends in Biotechnology	Turkey	Bioencapsulation for control of mosquito-borne diseases – Invited lecture	Co-Author
1996	29 th Annu. Meet. Soc. Invertebr. Pathol. and III rd Intern. Colloq. on <i>B. thuringiensis</i>	Spain	Extended screening by PCR for <i>cryI</i> , <i>cryII</i> , <i>cryIII</i> and <i>cryIV</i> from field-collected strains of <i>Bacillus thuringiensis</i>	Presenter
1997	2 nd International Congress of Vector Ecology	USA	1. New <i>cry7</i> , and <i>cry8</i> from <i>Bacillus thuringiensis</i> 2. How to exploit feeding behavior of mosquito larvae against them	Presenter
1998	XI European Meet. Society for Vector Ecology	Portugal	Protection by ingested particles of insect larvae from <i>Bacillus thuringiensis</i> toxicity	Presenter
1998	2 nd International Symposium on Biopesticides	China	Multiplex PCR screening for detection <i>cry9</i> genes from <i>Bacillus thuringiensis</i>	Co-Author
1998	VI th Symposium on Biological Control	Brazil	<i>Bacillus thuringiensis israelensis</i> (Bti) - present status and future trends –Invited lecture	Co-Author
1999	32 nd Annu. Meet. Soc. Invertebr. Pathol.	USA	Screening by PCR for detection of <i>cry9</i> genes from <i>Bacillus thuringiensis</i>	Presenter
2000	Proc. of the 13 th European SOVE Meeting	Turkey	<i>Bacillus thuringiensis israelensis</i> (Bti) in integrated biological control (IBC) of mosquitoes and black flies – A global view – Invited lecture	Co-Author

2005	Bacterial Toxins for Insect Control, COST 862 Workshop	Slovakia	Transgenic bacteria to raise efficacies of <i>Bacillus thuringiensis</i>	Co-Author
2006	11th International Symp. Microbial Ecol. (ISME)	Austria	1. Utility of inosine at the 3'-terminus of 16S rDNA universal primers for advanced study of microbial diversity 2. Real-time PCR for quantification of sulphate reducing bacteria in industrial wastewater via <i>dsrA</i> and <i>apsA</i> genes	Presenter
2007	3 rd EIGMO Meeting "Ecological Impact of Genetically Modified Organisms	Poland	Transgenic bacteria expressing combinations of genes from <i>Bacillus thuringiensis</i> – Invited lecture	Co-Author
2009	3 rd Congress of European Microbiologists – FEMS	Sweden	Changes in microbial diversity in industrial wastewater evaporation ponds following artificial salination	Presenter
2011	4 th Congress of European Microbiologists – FEMS	Switzerland	Efficacy of PCR amplification dependent on base(s) adjacent to the primers	Presenter
2012	14th International Symp. Microbial Ecol. (ISME)	Denmark	"Next-base" effect on PCR amplification	Presenter
2013	5 th Congress of European Microbiologists – FEMS	Germany	Long-term surveillance of sulfate-reducing bacteria in industrial wastes evaporation ponds	Presenter
2014	47 th Annu. Meet. Soc. Invertebr. Pathol.	Germany	The basis for rootstock resilient to <i>Capnodis</i> species: screening for genes encoding delta-endotoxins from <i>Bacillus thuringiensis</i>	Presenter
2015	6 th International Conference on Medical Geology – MedGeo	Portugal	Richness and diversity in dust stormborne biomes at the Southeast Mediterranean	Presenter
2016	16 th International Symp. Microbial Ecol. (ISME)	Canada	Microbial transcriptome profiling of black band disease in a Faviid coral during a seasonal disease peak	Presenter
2017	7 th International Conference on Medical Geology – MedGeo	Russia	Shifting cyanobacterial diversity in response to agricultural soils associated with dust emission	Presenter

National

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
1989	Annu. Meet. Isr. Soc. Protozool. and Parasitol.	Israel	Bioencapsulation of the δ -endotoxin of <i>Bacillus thuringiensis</i> var. <i>israelensis</i> and its delivery to <i>A. aegypti</i> larvae by the infusorian <i>T. pyriformis</i>	Presenter
1994	Annu. Meet. Isr. Soc.	Israel	Biotechnology in integrated mosquito control (ISM's Manfred Ashner prize lecture) – Invited lecture	Presenter
1994	VII th Conference Isr. Soc. Entomol.	Israel	Mosquito larvicidal activity of <i>Escherichia coli</i> with combinations of genes from <i>Bacillus thuringiensis</i> var. <i>israelensis</i>	Presenter
1996	2 nd En Gedi Conference on Bacterial Control of Agricultural Insect Pests and Vectors of Human Diseases	Israel	Novel <i>cry</i> -type gene detected by extended PCR screening from field-collected strains of <i>Bacillus thuringiensis</i>	Presenter
2000	18 th Conference Isr. Soc. Entomol.	Israel	Transgenic cyanobacteria as pesticide-free alternative to control mosquitoes – Invited lecture	Session Chairman
2005	Annu. Meet. Isr. Soc.	Israel	Encapsulating and growing the “uncultured” majority	Presenter
2006	25 th Conference Isr. Soc. Entomol.	Israel	Mosquito control by transgenic bacteria expressing combinations of genes from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> – Invited lecture	Session Chairman
2006	Annu. Meet. Isr. Soc. Microbiol.	Israel	Real-time PCR for quantification of sulphate reducing bacteria in industrial wastewater via <i>dsrA</i> and <i>apsA</i> genes	Presenter
2007	Annu. Meet. Isr. Soc. Microbiol.	Israel	Advantage of using inosine at the 3'-termini of 16S rRNA gene universal primers the study of microbial diversity	Presenter
2010	Annu. Meet. Isr. Soc. Microbiol.	Israel	Changes in microbial diversity in industrial wastewater evaporation ponds following artificial salination	Presenter
2011	6 th Congress of the Federation of the Isr. Soc. for Exp. Biol. - FISEB (ILANIT)	Israel	Substitution by inosine at the 3'-ultimate and penultimate positions of 16S rRNA gene universal primers	Presenter
2011	Annu. Meet. Isr. Soc. Microbiol.	Israel	Does the contiguous base of the template bias PCR amplification?	Presenter
2011	30 th Conference Isr. Soc. Entomol.	Israel	Different approaches to overcome <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> limitations	Presenter
2013	The 2 nd Conference of the Isr. Soc. for Biotechnol. Eng. (ISBE)	Israel	Long-term surveillance of sulfate-reducing bacteria in industrial wastes evaporation ponds	Presenter

7. Invited Lectures \ Colloquium Talks

Date	Place of Lecture	Name of Forum	Presentation/Comments
2006	The Agricultural Research Organization	Institute of Soil, Water and Environmental Sciences	Quantification of sulfate-reducing bacteria in industrial wastewater by real-time PCR using <i>dsrA</i> and <i>apsA</i> genes
2007	Department of Chemical Engineering & Biotechnology	The College of Judea and Samaria	Advantage of using inosine at the 3'-termini of 16S rRNA gene universal primers for the study of microbial diversity
2009	Unit of Environmental Engineering, Faculty of Engineering Sciences	Ben-Gurion University of the Negev	Enduring toxicity of transgenic <i>Anabaena</i> PCC 7120 expressing mosquito larvicidal genes from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i>
2017	Robert H. Smith Faculty of Agriculture, Food and Environment, Rehovot	Insect Pathology (graduate students)	Microbial control of pest – <i>Bacillus thuringiensis</i>
2018	Chaim Sheba Medical Center	Central Virology Laboratory	Microbial control of human disease vectors by transgenic bacteria
2019	Robert H. Smith Faculty of Agriculture, Food and Environment, Rehovot	Insect Pathology (graduate students)	<i>Bacillus thuringiensis</i> as microbial control agent

8. Research Grants

Topic	Funded by	Year
Bioencapsulation of Bti in <i>T. pyriformis</i>	Ministry of Environment	1998
Synergism between TMOF and Cry polypeptides	Ministry of Environment	1998-1999
Synergism between TMOF and Cry polypeptides	BSF	1998-2001
Synergism and cross resistance among Cry/Cyt polypeptides	BSF	2002-2005
Protection from sunlight inflicted damage of Cry toxins to improve control of agricultural insect pests using transgenic microorganisms	Ministry of Agriculture	2003-2005

Development of entomotoxic maize for biological control of mosquitoes for anti-malaria interventions	BSF	2008-2012
Biological activity of <i>Bacillus thuringiensis</i> toxins against the apricot and peach flatheaded borers as a basis for developing immune rootstocks to these beetle pests	Ministry of Agriculture	2009-2012
<i>Arabidopsis</i> expressing Bt toxins as a model to combat <i>Capnodis tenebrionis</i> - a basis to prepare resistant transgenic root-stocks of stone-fruit trees	Ministry of Agriculture (360,000 NIS)	2013-2017
Identification, characterization and development of <i>Bacillus thuringiensis</i> isolates for industrial production of new environment-friendly measures against severe agriculture and forest pests	Ministry of Agriculture	2017-2020

9. Scholarships, Awards and Prizes

- Eshkol-Scholarship from Ministry of Science and Technology (1998-2000).
- Acclaimed as “outstanding lecturer” in 2009 and 2011.
- Certificate of Excellence in Teaching (2016).

10. Teaching

a. Courses Taught in Recent Years

Year	Name of Course	Type of Course	Degree	Number of Students
1998-2019	Microbial Control of Pests	Lecture	B.Sc., M.Sc.	20-30
2004-2019	General Microbiology	Introduction Course (Mandatory)	B.Sc.	25-120
2008-2011	Biological weapons	Lecture	B.Sc.	15-20
2010-2019	Genetic Engineering	Introduction Course (Mandatory)	B.Sc.	25-40
2011-2019	Microbiology Laboratory	Introduction Course (Mandatory)	B.Sc.	25-40
2011-2019	Introduction to Biotechnology	Introduction Course (Mandatory)	B.Sc.	25-40
2011-2017	From Gene to Protein	Introduction Course (Mandatory)	B.Sc.	25-40

b. Supervision of Graduate Students

15 M.Sc., 9 Ph.D., 8 Post-Doctoral; collaborative research students with either Prof. Arieh Zaritsky or Prof. Ariel Kushmaro.

PUBLICATIONS

A. Ph.D. Dissertation

Combinations of δ -endotoxin genes from *B. thuringiensis* subsp. *israelensis* in *Escherichia coli*. 1995, (87 pages, in Hebrew), Ben-Gurion University of the Negev, Department of Life Sciences.

Supervisors: Prof. Arieh Zaritsky and Prof. Sammy Boussiba.

The study was published (see #s **7, 8, 15**, in Articles in Refereed Journals)

B. Special Journal Issues – Published

Ben-Dov, E. & Zaritsky, A. (Eds.) Entomopathogenic bacterial toxins as biological control agents
The Open Toxinology Journal, 2010, **3**: 82-171.

C. Articles in Refereed Journals

Published

1. Khawaled, K., Zaritsky, A., **Ben-Dov, E.** & Barak, Z. (1989). Feeding behavior of *Aedes aegypti* larvae and fate of *Bacillus thuringiensis* var. *israelensis* (*B.t.i.*) in *Bti*-killed pupae. *Israel Journal of Entomology*, **23**: 91-93.
2. Khawaled, K., **Ben-Dov, E.**, Zaritsky, A. & Barak, Z. (1990). The fate of *Bacillus thuringiensis* var. *israelensis* in *B. thuringiensis* var. *israelensis*-killed pupae. *Journal of Invertebrate Pathology*, **56**: 312-316. **IF**: 2.198; **Q1** (18/160) Cited by 25 articles
3. Zaritsky, A., Zalkinder, V., **Ben-Dov, E.** & Barak, Z. (1991). Bioencapsulation and delivery to mosquito larvae of *Bacillus thuringiensis* H14 toxicity by *Tetrahymena pyriformis*. *Journal of Invertebrate Pathology*, **58**: 455-457. **IF**: 2.198; **Q1** (18/160) Cited by 7 articles
4. Zaritsky, A., **Ben-Dov, E.**, Barak, Z. & Zalkinder, V. (1992). Digestibility by and pathogenicity of the protozoa *Tetrahymena pyriformis* to larvae of *Aedes aegypti*. *Journal of Invertebrate Pathology*, **59**: 332-334. **IF**: 2.198; **Q1** (18/160) Cited by 2 articles
5. **Ben-Dov, E.**, Zalkinder, V., Shagan, T., Barak, Z. & Zaritsky, A. (1994). Spores of *Bacillus thuringiensis* serovar *israelensis* as tracers for ingestion rates by *Tetrahymena pyriformis*. *Journal of Invertebrate Pathology*, **63**: 220-222. **IF**: 2.198; **Q1** (18/160) Cited by 7 articles
6. Manasherob, R., **Ben-Dov, E.**, Zaritsky, A. & Barak, Z. (1994). Protozoan-Enhanced toxicity of *Bacillus thuringiensis* var. *israelensis* δ -endotoxin against *Aedes aegypti* larvae. *Journal of Invertebrate Pathology*, **63**: 244-248. **IF**: 2.198; **Q1** (18/160) Cited by 8 articles
7. **Ben-Dov, E.**, Boussiba, S. & Zaritsky, A. (1995). Mosquito larvicidal activity of *Escherichia coli* with combinations of genes from *Bacillus thuringiensis* subsp. *israelensis*. *Journal of Bacteriology*, **177**: 2851-2857. **IF**: 3.198; **Q2** (44/123) Cited by 88 articles
8. **Ben-Dov, E.**, Einav, M., Peleg, N., Boussiba, S. & Zaritsky, A. (1996). Restriction map of the 125-kilobase of *Bacillus thuringiensis* subsp. *israelensis* carrying the genes that encode delta-endotoxins active against mosquito larvae. *Applied and Environmental Microbiology*, **62**: 3140-3145. **IF**: 3.823; **Q1** (31/161) Cited by 35 articles

9. Manasherob, R., **Ben-Dov, E.**, Margalit, J., Zaritsky, A. & Barak, Z. (1996). Raising activity of *Bacillus thuringiensis* var. *israelensis* against *Anopheles stephensi* larvae by encapsulation in *Tetrahymena pyriformis* (Hymenostomatida: Tetrahymenidae). *Journal of the American Mosquito Control Association*, **12**: 627-631. **IF**: 0.824; **Q3** (56/94) Cited by 17 articles
10. Wu, X., Vennison, S.J., Liu, H., **Ben-Dov, E.**, Zaritsky, A. & Boussiba, S. (1997). Mosquito larvicidal activity of transgenic *Anabaena* strain PCC 7120 expressing combinations of genes from *Bacillus thuringiensis* subsp. *israelensis*. *Applied and Environmental Microbiology*, **63**: 4971-4975. **IF**: 3.823; **Q1** (31/161) Cited by 85 articles
11. **Ben-Dov, E.**, Zaritsky, A., Dahan, E., Barak, Z., Sinai, R., Manasherob, R., Khameraev, A., Troyetskaya, A., Dubitsky, A., Berezina, N. & Margalith, Y. (1997). Extended screening by PCR for seven *cry*-group genes from field-collected strains of *Bacillus thuringiensis*. *Applied and Environmental Microbiology*, **63**: 4883-4890. **IF**: 3.823; **Q1** (31/161) Cited by 355 articles
12. Manasherob, R., **Ben-Dov, E.**, Zaritsky, A. & Barak, Z. (1998). Germination, growth, and sporulation of *Bacillus thuringiensis* subsp. *israelensis* in excreted food vacuoles of the protozoan *Tetrahymena pyriformis*. *Applied and Environmental Microbiology*, **64**: 1750-1758. **IF**: 3.823; **Q1** (31/161) Cited by 31 articles
13. **Ben-Dov, E.**, Dahan, E., Zaritsky, A., Barak, Z., Sinai, R., Manasherob, R., Khameraev, A., Troyetskaya, A., Dubitsky, A., Berezina, N., & Margalith, Y. (1998). Novel *cry*-type genes detected by extended PCR screening from field-collected strains of *Bacillus thuringiensis*. *Israel Journal of Entomology*, **32**: 163-169. Cited by 1 article
14. **Ben-Dov, E.**, Wang, Q., Zaritsky, A., Manasherob, R., Barak, Z., Schneider, B., Khameraev, A., Baizhanov, M., Glupov, V. & Margalith, Y. (1999). Multiplex PCR screening to detect *cry9* genes in *Bacillus thuringiensis* strains. *Applied and Environmental Microbiology*, **65**: 3714-3716. **IF**: 3.823; **Q1** (31/161) Cited by 72 articles
15. **Ben-Dov, E.**, Nissan, G., Peleg, N., Manasherob, R., Boussiba, S. & Zaritsky, A. (1999). Refined, circular restriction map of the *Bacillus thuringiensis* subsp. *israelensis* plasmid carrying the mosquito larvicidal genes. *Plasmid*, **42**: 186-191. **IF**: 1.732; **Q3** (89/123) Cited by 43 articles
16. Liu, Z., Sun, M., Yu, Z., Zaritsky, A., **Ben-Dov, E.** & Manasherob, R. (1999). Preliminary study of P19 gene from *Bacillus thuringiensis* subsp. *israelensis*. *Wei Sheng Wu-Xuebao*, **39**: 114-119 (in Chinese; [Abstract in English in PubMed, PMID: 12555414]).
17. Liu, Z., Sun, M., Chen, Y., Yu, Z., Manasherob, R., **Ben-Dov, E.** & Zaritsky, A. (1999). The influence of the 20 kDa protein from *Bacillus thuringiensis* subsp. *israelensis* on the cytolytic activity of CytA. *Acta Genetica Sinica*, **26**: 81-86 (in Chinese; [Abstract in English in PubMed, PMID: 10375855]). Cited by 4 articles
18. Boussiba, S., Wu, X., **Ben-Dov, E.**, Zarka, A. & Zaritsky, A. (2000). Nitrogen-fixing cyanobacteria as gene delivery system for expressing mosquitocidal toxins of *Bacillus thuringiensis* ssp. *israelensis*. *Journal of Applied Phycology*, **12**: 461-467. **IF**: 2.372; **Q1** (22/103) Cited by 33 articles
19. **Ben-Dov, E.**, Manasherob, R., Zaritsky, A., Barak, Z. & Margalith, Y. (2001). PCR Analysis of *cry7* Genes in *Bacillus thuringiensis* by the Five Conserved Blocks of Toxins. *Current Microbiology*, **42**: 96-99. **IF**: 1.519; **Q4** (98/123) Cited by 26 articles
20. Myasnik, M., Manasherob, R., **Ben-Dov, E.**, Zaritsky, A., Margalith, Y. & Barak, Z. (2001). Comparative Sensitivity to UV-B Radiation of two *Bacillus thuringiensis* subspecies and other *Bacillus* sp. *Current Microbiology*, **43**: 140-143. **IF**: 1.519; **Q4** (98/123) Cited by 46 articles
21. Manasherob, R., Zaritsky, A., **Ben-Dov, E.**, Saxena, D., Barak, Z. & Einav, M. (2001). Effect of accessory proteins P19 and P20 on cytolytic activity of Cyt1Aa from *Bacillus thuringiensis*

subsp. *israelensis* in *Escherichia coli*. *Current Microbiology*, **43**: 355-364. **IF**: 1.519; **Q4** (98/123) Cited by 43 articles

22. Lluisma, A. O., Karmacharya, N., Zarka, A., **Ben-Dov, E.**, Zaritsky, A. & Boussiba, S. (2001). Suitability of *Anabaena* PCC7120 expressing mosquitocidal toxin genes from *Bacillus thuringiensis* subsp. *israelensis* for biotechnological application. *Applied Microbiology and Biotechnology*, **57**: 161-166. **IF**: 3.376; **Q2** (41/161) Cited by 28 articles
23. Khasdan, V., **Ben-Dov, E.**, Manasherob, R., Boussiba, S. & Zaritsky, A. (2001). Toxicity and synergism in transgenic *Escherichia coli* expressing four genes from *Bacillus thuringiensis* subsp. *israelensis*. *Environmental Microbiology*, **3**: 798-806. **IF**: 5.932; **Q1** (16/123) Cited by 38 articles
24. Saxena, D., **Ben-Dov, E.**, Manasherob, R., Boussiba, S. & Zaritsky, A. (2002). A UV tolerant mutant of *Bacillus thuringiensis* subsp. *kurstaki* producing melanin. *Current Microbiology*, **44**: 25-30. **IF**: 1.519; **Q4** (98/123) Cited by 94 articles
25. Manasherob, R., **Ben-Dov, E.**, Boussiba, S., Wu, X.-Q., & Zaritsky, A. (2002). Protection of heterologous *Bacillus thuringiensis* subsp. *israelensis* toxin from UV-B in *Anabaena* PCC 7120. *Current Microbiology*, **45**: 217-220. **IF**: 1.519; **Q4** (98/123) Cited by 44 articles
26. Berry, C., O'Neil, S., **Ben-Dov, E.**, Jones, A.F., Murphy, L., Quail, M.A., Holden, M.T.G., Harris, D., Zaritsky, A., & Parkhill, J. (2002). Complete sequence and organization of pBtoxis, the toxin-coding plasmid of *Bacillus thuringiensis* subsp. *israelensis*. *Applied and Environmental Microbiology*, **68**: 5082-5095. **IF**: 3.823; **Q1** (31/161) Cited by 262 articles
27. **Ben-Dov, E.**, Wang, Q., Saxena, D., Manasherob, R., Boussiba, S. & Zaritsky, A. (2003). Ingested particles reduce susceptibility of insect larvae to *Bacillus thuringiensis* toxicity. *Journal of Applied Entomology*, **127**:146-152. **IF**: 1.517; **Q2** (30/94) Cited by 26 articles
28. Manasherob, R., Ngalo Otieno-Ayayo, Z., **Ben-Dov, E.**, Miaskovsky, R., Boussiba, S., & Zaritsky, A. (2003). Enduring toxicity of transgenic *Anabaena* PCC 7120 expressing mosquito larvicidal genes from *Bacillus thuringiensis* subsp. *israelensis*. *Environmental Microbiology*, **5**: 997-1001. **IF**: 5.932; **Q1** (16/123) Cited by 16 articles
29. Khasdan, V., **Ben-Dov, E.**, Manasherob, R., Boussiba, S. & Zaritsky, A. (2003). Mosquito larvicidal activity of transgenic *Anabaena* PCC 7120 expressing toxin genes from *Bacillus thuringiensis* subsp. *israelensis*. *FEMS Microbiology Letters*, **227**: 189-195. **IF**: 1.858; **Q3** (86/123) Cited by 38 articles
30. Manasherob, R., Zaritsky, A., Metzler, Y., **Ben-Dov, E.**, Itzko, M., & Fishov, I. (2003). Compaction of the *Escherichia coli* Nucleoid by Cyt1Aa from *Bacillus thuringiensis* subsp. *israelensis*. *Microbiology-SGM*, **149**: 3553-3564. **IF**: 2.268; **Q3** (73/123) Cited by 25 articles
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D. Articles or Chapters in Scientific Books (which are not Conference Proceedings)

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