

TEL-AVIV UNIVERSITY**NAME:** Omri Bronstein**Faculty:** Life Sciences**Department:** School of Zoology**Home Address:** 43 Ben Zvi Blvd, Ramat Gan, Israel**Phone No.:** 054-4530236 (cell) 03-6408005 (work)**Date of Birth:** 09.09.1976**Place of Birth:** Tel Aviv, Israel**A. EDUCATION**

<u>Period of Study</u>	<u>Name of University, City</u>	<u>Subject</u>	<u>Degree</u>	<u>Date Awarded</u>
2003 – 2006	Tel-Aviv University	Biology, Faculty of Life Sciences	B.Sc. <i>Magna cum laude</i>	2006
2006 – 2009	Tel-Aviv University	Program in Ecology and Environmental Quality	M.Sc. <i>Magna cum laude</i>	2009
2009 – 2014	Tel-Aviv University	Ecology, biology and taxonomy of coral reef associated sea urchins in the Red Sea and Western Indian Ocean	Ph.D.	2014

Title of Master's thesis:

Morphological and molecular aspects of sea urchins (genus *Echinometra*) from Okinawa, Zanzibar and Eilat

Supervisor: Prof. Yossi Loya**Title of Doctoral Dissertation:**

Ecology, biology and taxonomy of coral reef associated sea urchins in the Red Sea and Western Indian Ocean

Supervisor: Prof. Yossi Loya

B. FURTHER STUDIES

2014 – 2015 Post-doctoral research at The Steinhardt Museum of Natural History, Israel National Center for Biodiversity Studies, Tel Aviv, Israel. Topic: “Taxonomic study of echinoid fauna along the Israeli coast”. Advisor: Prof. Micha Ilan

2015 – 2019 Post-doctoral fellow, Central Research Laboratories and Geological-paleontological dept., Natural History Museum Vienna, Austria. Topic: “Phylogeny and evolution of edible sea urchins”. Advisor: Prof. Elisabeth Haring

2018 – 2019 Post-doctoral fellow supported by VATAT, School of Zoology, Faculty of Life Sciences and The Steinhardt Museum of Natural History, Tel Aviv University, Israel. Topic: “Biogeography and endemism in edge-of-range populations: The Red Sea echinoid fauna”. Advisors: Prof. Tamar Dayan

C1. ACADEMIC EXPERIENCE

<u>Period</u>	<u>Name of University</u>	<u>Department</u>	<u>Rank/Function</u>
2005	Tel Aviv University, Israel	Department of Zoology	Internship
2007	University of the Ryukyus, Okinawa, Japan	Tropical Biosphere Research Center	Internship
2008	Ft. Lauderdale, Florida, USA	International Coral Reef Symposium	Quantitative data analysis workshop
2014	Natural History Museum Vienna, Austria	Central Research Laboratories and Geological-Paleontologica I Dept.	EU SYNTHESYS program – Internship
2015-2019	Natural History Museum Vienna, Austria	Central Research Laboratories and Geological-Paleontologica I Dept.	Post-doctoral fellow (Supervisor: Elisabeth Haring)
2019-present	Tel Aviv University, Israel	School of Zoology, Faculty of Life Sciences	Senior lecturer

C2. PROFESSIONAL EXPERIENCE

<u>Period</u>	<u>Name of Institution, City, Country</u>	<u>Department</u>	<u>Function</u>
2006	Tel Aviv University, Tel Aviv, Israel	Zoology	Teaching assistant

2006 – 2010	University of Dar es salaam, Zanzibar, Tanzania	Institute of Marine Sciences	World Bank Working Group on Coral Bleaching and Local Ecological Responses
2007 – 2012	Tel Aviv University, Tel Aviv, Israel	Zoology	Invertebrate zoology, comparative function aspects – course coordinator
2008	Ft. Lauderdale, Florida, USA	International Coral Reef Symposium	Quantitative data analysis workshop
2009	The University of Queensland, Australia	Heron Island Research Station	Workshop

D. ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS

Year	Name of Meeting, City, Country, Sponsor, International/local conference Participation (Invited lecture/talk selected from abstract/Poster/Organizing committee, etc.)
2008	<i>The 11th International Coral Reef Symposium (ICRS). Ft. Lauderdale, Florida, USA, International conference</i>
2010	<i>The 7th Israeli Association for Aquatic Sciences (IAAS) conference, Eilat, Israel, local conference</i>
2012	<i>The 12th International Coral Reef Symposium (ICRS), Cairns, Queensland, Australia, International conference</i>
2014	<i>The 11th Israeli Association for Aquatic Sciences (IAAS) conference, Tel Aviv, Israel, local conference (Winner of the best lecture award)</i>
2014	<i>The 2014 European Echinoderms Colloquium (2014 EEC), Portsmouth, England, International conference (Winner of the best lecture award)</i>
2014	<i>The Second International Workshop on Mesophotic Coral Reef Ecosystems, Red-Sea, Eilat, Israel, International conference</i>
2015	<i>AutReef: From living reefs to fossil reefs, Vienna, Austria, International conference</i>
2015	<i>The 9th Network of Biological Systematics (NOBIS) conference and workshop: Biosystematics- from Past to Present, Eggenburg, Austria, International conference</i>
2016	<i>The 9th European Conference on Echinoderms (ECE), Echinoderms: from ossicles to the big picture, Sopot, Poland, International conference</i>
2016	<i>The 13th Israeli Association for Aquatic Sciences (IAAS) conference, Herzeliya, Israel, local conference (Chair: “From propagules to populations: Reproduction, diversity and evolution of marine invertebrates”)</i>
2016	<i>The 10th Network of Biological Systematics (NOBIS) conference: A decade of diversity, Linz, Austria, International conference</i>
2017	<i>The 8th North American Echinoderm Conference (NAEC), College of the Holy Cross, Worcester, Massachusetts, USA, International conference</i>
2017	<i>The 3rd meeting of the Federation of European Biological Systematic Societies (BioSyst.EU), Gothenburg, Sweden, International conference (Chair: “Linking extinct and extant taxa – Integrative approaches to systematics”)</i>
2017	<i>The 54th meeting of The Zoological Society of Israel, Tel Aviv University, Israel, local conference (Talk & Chair of session Evolution)</i>
2018	<i>3rd Annual Meeting in Conservation Genetics 2018, the Natural History Museum Vienna, Vienna, Austria, International conference</i>
2018	<i>19th Annual Meeting of the Society of Biological Systematics (GfBS), University</i>

	<i>of Vienna, Vienna, Austria, International conference</i>
2018	<i>The 19th Sede Boqer Symposium in Memory of Merav Ziv, Conservation Genetics: genetic diversity as goal and a tool in conservation biology, Jacob Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev, Sede Boqer, Israel, local conference</i>
2018	<i>16th International Echinoderm Conference (16th IEC), Nagoya, Japan, International conference</i>
2018	<i>The 55th meeting of The Zoological Society of Israel, Bar Ilan University, Israel, local conference</i>
2019	<i>The 10th European Conference on Echinoderms (10ECE), Moscow, Russia, International conference</i>
2019	<i>The 50th Anniversary Conference of The Interuniversity Institute for Marine Sciences, Eilat, Israel, International conference</i>
2020	<i>The 9th ILANIT/FISEB Conference, Eilat, Israel, International conference</i>
2021	<i>14th ICRS (International Coral Reef Symposium), Bremen, Germany (Virtual), International conference</i>

E. COURSES TAUGHT [For each course, the hours should represent the percentage of the course taught (e.g. if teaching 1/3 of a 3-hour course, then note "1 of 3". For evaluation, use the lecturer's score for that year)]

<u>Year, Semester</u>	<u>Course</u>	<u>Institution (if not TAU)</u>	<u>Hrs.</u>	<u>No. of students</u>	<u>Obligatory/ elective</u>	<u>Evaluation (scale 1-7)</u>
2019/1	Zoology	TAU	12 of 39	196	Obligatory	6
2020/1	Applied Molecular Species Identification	TAU	1 of 2	20	Elective	
2021/1	Integrative laboratory	TAU	6 of 26	61	Obligatory	
2021/1	Ecology track seminar	TAU	1 of 2	24	Elective	
2021/1	Applied Molecular Species Identification	TAU	1 of 2	20	Elective	

F. ADDITIONAL ACADEMIC ACTIVITIES

Editorial positions:

Ad hoc reviewer: *Annals of Marine Biology and Research* (2017), *Aquatic Invasions* (2017), *Biodiversity and conservation* (2018, 2019), *Bulletin of Marine Science* (2017), *CBM-Cahiers de Biologie Marine* (2021), *Evolution* (2021), *Fishery Bulletin* (2017), *Global Change Biology* (2020), *Heredity* (2018), *Journal of Biological Research -Thessaloniki* (2021), *Journal of Marine Biology* (2018), *Journal of the Marine Biological Association of the United Kingdom* (2020, 2021, 2022), *Marine Biodiversity* (2019), *Marine Biology* (2019), *Marine Biology Research* (2020), *Marine Ecology* (2022), *Marine Pollution Bulletin* (2017), *Mediterranean Marine Science* (2021), *Mitochondrial DNA Part B* (2020, 2021), *Molecular Phylogenetics and Evolution* (2021), *Natura Croatica* (2019), *PeerJ* (2020, 2020, 2021), *PLOS ONE* (2018), *Thalassas: An International Journal of Marine*

Sciences (2019, 2021), *Zoosymposia* (2018), *Zootaxa* (2018, 2020)

Tel Aviv University administrative roles:

Curator of marine invertebrates – the Steinhardt Museum of Natural History (SMNH)
(Since 2018)

Board member of the SMNH museum committee (Since 2019)

Board member of the Molecular Systematics Laboratory at the SMNH (Since 2019)

Head of the School of Zoology histological unit, TAU (Since 2021)

Head of track in Ecology and Environmental Studies, TAU (Since 2021)

Member of international committees/

Lectures to general audience:

Thematic Editor of the Echinoidea – the World Register of Marine Species (WoRMS)
(Since 2016)

Editor of the Echinodermata in the Zoological Committee for Hebrew Species Names
of the Academy of the Hebrew Language (Since 2018)

Scientific editor of the 'The Rainbow Sea' – Israel-French coral reefs photo exhibition
at the Steinhardt Museum of Natural History, Tel Aviv, Israel

Governing Board Member in CETAF – Consortium of European Taxonomic Facilities
(Since 2018)

TAU/SMNH representative at the GGBN – Global Genome Biodiversity Network-
Global Genome Initiative (Since 2019)

G. ACADEMIC AND PROFESSIONAL AWARDS

G1. External grants

<u>Year</u>	<u>Name of Agency (and collaborators)</u>	<u>Total</u>	<u>For my use</u>	<u>Role (PI/Co-PI)</u>
2020-2023	Yad Ha'nadiv	860,000 (NIS)	860,000 (NIS)	PI
2020-2024	ISF	1,040,000 (NIS)	1,040,000 (NIS)	PI
2020-2022	ISF equipment	526,000 (NIS)	526,000 (NIS)	PI
2022-2023	Ministry of Energy	570,000 (NIS)	TBD	Co-PI

G3. FELLOWSHIPS/ SCHOLARSHIPS /PRIZES**H. MEMBERSHIP IN PROFESSIONAL SOCIETIES**

<u>Year</u>	<u>Name of Institution</u>	<u>Occasion</u>
2006	Friday Harbor Laboratories, University of Washington, USA	Fellowship in support of participation at the "Marine Invertebrate Zoology" program
2008	Södertörns Högskola, Stockholm, Sweden	Fellowship for participation in "Molecular techniques for marine connectivity studies" workshop
2009	Tel Aviv University, Israel	The 'Rami Levin' award for excellence for graduate students in Zoology
2012	Tel Aviv University, Israel	Adesman travel scholarship
2012	International Society for Reef Studies (ISRS)	Student award for the 12th International Coral Reef Symposium
2013	The Interuniversity Institute for Marine Sciences in Eilat, Israel	PhD student's research award
2014	The EU SYNTHESYS program	Fellowship for a joint research project at the Natural History Museum in Vienna, Austria
2014	The 11 th Israeli Association for Aquatic Sciences (IAAS), Tel Aviv, Israel	Best lecture award
2014	The European Echinoderms Colloquium (EEC), Portsmouth, England	Best lecture award
2015	Israel Council for Higher Education (VATAT), Israel	Postdoctoral fellowship
2016 – 2019	Stand-Alone Project of the Austrian Science Fund (FWF), and postdoctoral fellowship at the Natural History Museum Vienna, Austria	Postdoctoral fellowship
2014	Israel Council for Higher Education (VATAT), Israel	Postdoctoral fellowship
Since 2008	ISRS - International Society for Reef Studies, USA	
Since 2010	IAAS - The Israeli Association for Aquatic Sciences, Israel	
Since 2015	NOBIS - Network of Biological Systematics, Austria	
Since 2016	WoRMS - World Register of Marine Species, International	
Since 2017	The Zoological Society of Israel, Israel	
Since 2019	CETAF - Consortium of European Taxonomic Facilities, International	
Since 2019	GGBN - Global Genome Biodiversity Network, International	

I. STUDENTS SUPERVISED BY CANDIDATE**I1. Doctoral students**

<u>Dates</u>	<u>Name</u>	<u>Title of dissertation</u>	<u>Institution</u> <small><u>(if not TAU)</u></small>
2019-present	Gal Eviatar	Unraveling patterns of sexual reproduction – echinoderm reproductive behavior	
2019-present	Hanna Rapuano	Aspects of aging in colonial and solitary scleractinian corals	
2021-present	Lachan Roth	Cryptic female choice in broadcast spawning marine invertebrates	
2021-present	Lisa-Maria Schmidt	Reproductive dynamics of broadcast spawners revealed through environmental DNA	
2021-present	Rotem Zirler	eDNA application for broad scale evaluation of biodiversity	

I2. M.Sc. students

<u>Dates</u>	<u>Name</u>	<u>Title of thesis</u>	<u>Institution</u> <small><u>(if not TAU)</u></small>
2019-2021	Rotem Zirler	Under the sea: Monitoring cryptic benthic biodiversity of the Israeli Mediterranean using ARMS and metabarcoding	
2019-2021	Lynn Angele Leck	Reproduction in a changing world – lessons from echinoids	
2019-2021	Lisa-Maria Schmidt	Insights into the impact of artificial light at night on coral reef communities	University of Vienna

I3. Postdoctoral fellows

<u>Dates</u>	<u>Name</u>	<u>Title of project</u>	<u>Present position</u>
2019-2020	Karin Tamar	The classification of three geckos and two snakes in Israel	Collection manager of mammals, the SMNH

PUBLICATIONS (as of October 3, 2021)**C. REFEREED RESEARCH ARTICLES****C1. Research Articles Published**

1. Shenkar N.*, **Bronstein O.**, Loya Y. (2008). Population dynamics of a coral reef ascidian in a deteriorating environment. *Marine Ecology Progress Series* 367: 163-171. [Marine & Freshwater Biology, IF: 3.09, 24/110 (Q1), cited:28]
2. Alamaru A.*, **Bronstein O.**, Dishon G., Loya Y. (2009). Opportunistic feeding by the fungiid coral *Fungia scruposa* on the moon jellyfish *Aurelia aurita*. *Coral Reefs* 28: 865-865. [Marine & Freshwater Biology, IF: 3.056, 6/88 (Q1), cited:22]
3. **Bronstein O.***, Loya Y. (2011). Daytime spawning of *Porites rus* on the coral reefs of Chumbe Island in Zanzibar, Western Indian Ocean (WIO). *Coral Reefs* 30: 441-441. [Marine & Freshwater Biology, IF: 3.878, 3/97 (Q1), cited:9]
4. **Bronstein O.***, Loya Y. (2013). The taxonomy and phylogeny of *Echinometra* (Camarodonta: Echinometridae) from the Red Sea and Western Indian Ocean. *PLoS ONE* 8(10): e77374. [Agricultural and Biological Sciences, IF: 3.534, 8/55 (Q1), cited:13]
5. Downs C.A.*, Kramarsky-Winter E., Fauth J., Segal R., **Bronstein O.**, Jeger R., Lichtenfeld Y., Woodley C., Pennington P., Kushmaro A., Loya Y. (2014). Toxicological effects of the sunscreen UV filter, benzophenone-2, on planulae and in vitro cells of the coral, *Stylophora pistillata*. *Ecotoxicology* 23(2): 175-191. [Environmental Sciences, IF: 2.706, 48/145 (Q2), cited:52]
6. Downs C.A.*, Kramarsky-Winter E., Fauth J., Segal R., **Bronstein O.**, Jeger R., Lichtenfeld Y., Woodley C., Pennington P., Kushmaro A., Loya Y. (2014). Erratum to: Toxicological effects of the sunscreen UV filter, benzophenone-2, on planulae and in vitro cells of the coral, *Stylophora pistillata*. *Ecotoxicology* 23(3): 472-473. [Environmental Sciences, IF: 2.706, 48/145 (Q2), cited:0]
7. **Bronstein O.***, Loya Y. (2014). Echinoid community structure and rates of herbivory and bioerosion on exposed and sheltered reefs. *Journal of Experimental Marine Biology and Ecology* 456: 8-17. [Aquatic Science, IF: 2.475, 55/141 (Q2), cited:24]
8. **Bronstein O.***, Loya Y. (2015). Photoperiod, temperature, and food availability as drivers of the annual reproductive cycle of the sea urchin *Echinometra* sp. from the Gulf of Aqaba (Red Sea). *Coral Reefs* 34: 275-289. [Marine & Freshwater Biology, IF: 3.00, 9/104 (Q1), cited:14]

9. Downs C.A.*, Kramarsky-Winter E., Segal R., Fauth J., Knutson S., **Bronstein O.**, Ciner F.R., Jeger R., Lichtenfeld Y., Woodley C.M., Pennington P., Cadenas K., Kushmaro A., Loya Y. (2016). Toxicopathological effects of the sunscreen UV filter, oxybenzone (benzophenone-3), on coral planulae and cultured primary cells and its environmental contamination in Hawaii and the U.S. Virgin Islands. *Archives of Environmental Contamination and Toxicology*, 70(2): 265-288. [Environmental Science, IF: 2.467, 87/229 (Q2), cited:190]
10. Shlesinger T.*, **Bronstein O.**, Loya Y. (2016). Spawning behavior of the sand dollar *Sculpisitechinus auritus* (Leske, 1778). *Coral Reefs*, 35(1), 327. [Marine & Freshwater Biology, IF: 2.906, 13/105 (Q1), cited:3]
11. Gewing M.-T., **Bronstein O.**, Nagar L.R., Granot I., Frid O., Shenkar N.* (2016). First record of the non-indigenous ascidian *Microcosmus exasperatus*, Heller 1878, in Cyprus. *Marine Biodiversity*, 46(4), 937-941. [Biodiversity Conservation, IF: 1.646, 21/54 (Q2), cited:5]
12. **Bronstein O.***, Kroh A., Loya Y. (2016). Reproduction of the long-spined sea urchin *Diadema setosum* in the Gulf of Aqaba - implications for the use of gonad-indexes. *Scientific Reports*, 6: 29569. [Multidisciplinary Sciences, IF: 4.259, 10/64 (Q1), cited:12]
13. **Bronstein O.***, Kroh A., Haring E. (2016). Do genes lie? Mitochondrial capture masks the Red Sea collector urchin's true identity (Echinodermata: Echinoidea: *Tripneustes gratilla*). *Molecular Phylogenetics and Evolution*, 104: 1-13. [Ecology, Evolution, Behavior and Systematics, IF: 4.419, 64/290 (Q1), cited:14]
14. **Bronstein O.***, Kroh A., Tautscher B., Liggins L., Haring E. (2017). Cryptic speciation in pan-tropical sea urchins: a case study of an edge-of-range population of *Tripneustes* from the Kermadec Islands. *Scientific Reports*, 7: 5948. [Multidisciplinary Sciences, IF: 4.122, 17/72 (Q1), cited:9]
15. **Bronstein O.***, Georgopoulou E., Kroh A. (2017). On the distribution of the invasive long-spined echinoid *Diadema setosum* and its expansion in the Mediterranean Sea. *Marine Ecology Progress Series*, 583:163-178. [Aquatic Science, IF: 2.276, 24/105 (Q1), cited:10]
16. Perry O.*, **Bronstein O.**, Blecher N., Atkins A., Kupriyanova E., ten Hove H., Levi O., Fine M. (2018). On the genus *Spirobranchus* (Annelida, Polychaeta, Serpulidae) from the northern Red Sea, and a description of a new species. *Invertebrate Systematics*, 32(3):605-626. [Zoology, IF: 2.306, 17/170 (Q1), cited:11]
17. Kroh A.*, **Bronstein O.**, Coppard S. (2018). Case 3763 – *Stenonaster* Lambert, 1922 (Echinodermata, Echinoidea, Stenonasteridae): proposed conservation by

- reversal of precedence *Stenocorys* Lambert, 1917. The Bulletin of Zoological Nomenclature 75(1):55-58. [Zoology and Nomenclature]
18. **Bronstein O.***, Kroh A., Haring E. (2018). Mind the gap! The mitochondrial control region and its power as a phylogenetic marker. BMC Evolutionary Biology, 18:80. [Genetics & Heredity, IF: 3.045, 71/147 (Q2), cited:22]
 19. **Bronstein O.***, Kroh A. (2018). Needle in a haystack – genetic evidence confirms the expansion of the invasive echinoid *Diadema setosum* to Israel waters. Zootaxa, 4497(4):593-599. [Zoology, IF: 0.99, 101/170 (Q3), cited:5]
 20. **Bronstein O.***, Kroh A., Miskelly A.D., Smith S.D.A., Dworjanyn S.A., Mos B., Byrne M. (2019). Implications of range overlap in the commercially important sea urchin genus *Tripneustes*. Marine Biology, 166(3):34. [Marine & Freshwater Biology, IF: 2.050, 32/107 (Q2), cited:5]
 21. Eyal-Shaham L., Eyal G., Harii S., Kazuhiko S., Sinniger F., **Bronstein O.**, Ben-Zvi O., Shlesinger T., Loya Y.* (2018). Repetitive sex change in the stony coral *Herpolitha limax* across a wide geographic range. Scientific Reports, 9:2936. [Multidisciplinary Sciences, IF: 4.011, 17/72 (Q1), cited:6]
 22. Saitoh M., Kroh A., **Bronstein O.**, Nakachi S.H.U., Obuchi M., Kiyono Y., Kanazawa K.I.* (2019). The echinoid fauna from middle and southern Japan: a preliminary report. Zoosymposia 15(1):123-128. [Multidisciplinary Sciences, cited:2]
 23. **Bronstein O.***, Kroh A. (2019). The first mitochondrial genome of the model echinoid *Lytechinus variegatus* and insights on Odontophoran phylogenomics. Genomics, 111(4):710-718. [Genetics & Heredity, IF: 6.205, 18/178 (Q1), cited:11]
 24. Lin J-P.*, Tsai M-H., Kroh A., Trautman A., Machado D.J., Chang L-Y., Reid R., Lin K-T., **Bronstein O.**, Lee S-J., Janies D. (2019). The first complete mitochondrial genome of the sand dollar *Sinaechinocyamus mai* (Echinoidea: Clypeasteroidea). Genomics, 112(2):1686-1693. [Genetics & Heredity, IF: 6.205, 18/178 (Q1), cited:3]
 25. Wada N., Yuasa H., Kajitani R., Gotoh Y., Ogura Y., Yoshimura D., Toyoda A., Tang S.L., Higashimura Y., Sweatman H., Forsman Z., **Bronstein O.**, Eyal G., Thongtham N., Itoh T.*, Hayashi T.*, Yasuda N.* (2020). A ubiquitous subcuticular bacterial symbiont of a coral predator, the crown-of-thorns starfish, in the Indo-Pacific. Microbiome, 8(1):123. [Microbiology, IF: 14.652, 8/136 (Q1), cited:0]
 26. Eyal-Shaham L.†, Eyal G.†, Ben-Zvi O., Kazuhiko S., Harii S., Sinniger F., Hirose M., Cabaitan P., **Bronstein O.**, Feldman B., Shlesinger T., Levy O., Loya Y.*

- (2020). A unique reproductive strategy in the mushroom coral *Fungia fungites*. *Coral Reefs*, 39: 1793-1804. [Marine & Freshwater Biology, IF: 3.902, 9/107 (Q1), cited:2]
27. Ben-Zvi O.*, Wangpraseurt D., **Bronstein O.**, Eyal G., Loya Y. (2021). Photosynthesis and bio-optical properties of fluorescent mesophotic corals. *Frontiers in Marine Science*, 8(389). [Marine & Freshwater Biology, IF: 4.912, 6/110 (Q1), cited:0]
28. Dorchin, N.*, Shachar E., Friedman A. L. L., **Bronstein O.** (2021). Reclassification of gall midges (Diptera: Cecidomyiidae: Cecidomyiini) from Amaranthaceae, with description of ten new species based on an integrative taxonomic study. *Insects*, 12(12): 1126. [Entomology, IF: 2.769, 18/102 (Q1), cited:0]
29. Yuasa H., Kajitani R., Nakamura Y., Takahashi K., Okuno M., Kobayashi F., Shinoda T., Toyoda A., Suzuki Y., Thongtham N., Forsman Z., **Bronstein O.**, Seveso D., Montalbetti E., Taquet C., Eyal G., Yasuda N., Itoh T. (2021). Elucidation of the speciation history of three sister species of crown-of-thorns starfish (*Acanthaster* spp.) based on genomic analysis. *DNA Research*, 28(4). [Genetics & Heredity, IF: 5.371, 53/176 (Q2), cited:0]
30. Baird A.H., Edwards A.J., Guest J.R., Harii S., Hatta M., Lachs L., Sinniger F., Abrego D., Ben-Zvi O., **Bronstein O.**, Cabaitan P.C., Cumbo V.R., Eyal G., Eyal-Shaham L., Feldman B., Figueiredo J., Flot J-F., Grinblat M., Heyward A., Hidaka M., Howells E.J., Iguchi A., Isomura N., Kitanobo S., Kinzie R.A., Kuba A., Lin C-H., Loya Y., Mohamed A.R., Hirose M., Mera H., Mezaki T., Morita M., Nojima S., Nozawa Y., Prasetia R., Puill-Stephan E., Ramirez-Portilla C., Rapuano H., Rosenberg Y., Sakai Y., Sakai K., Shlesinger T., Terraneo T.I., Yakovleva I., Yamamoto H.H., Yamazato K. (2022). A coral spawning calendar for Sesoko Station, Okinawa, Japan. *Galaxea, Journal of Coral Reef Studies*, 24(1): 41-49.

C2. Research articles accepted

C3. Research articles submitted

1. Koch N.M.*, Thompson J.R., Hatch A.S., McCowin M.F., Armstrong F.A., Coppard S.E., Aguilera F., **Bronstein O.**, Kroh A., Mooi R., Rouse G.W. (2021). Phylogenomic analyses of echinoid diversification prompt a re-evaluation of their fossil record. *eLife* [Biology, IF: 8.140, 5/93 (Q1), cited:0]

2. Rapuano H.*, Shlesinger T., Roth L., **Bronstein O.**, Loya Y. Coming of age: Onset of coral reproduction is determined by age rather than size (2022). Nature Communications [Multidisciplinary Sciences, IF: 15.805, 4/72 (Q1), cited:0]

G. ABSTRACTS PRESENTED AT INTERNATIONAL MEETINGS

1. **Bronstein, O.**, and Loya, Y. The sea urchins of Zanzibar and their effect on local coral communities. The 11th International Coral Reef Symposium, Ft. Lauderdale, USA. 2008.
2. Shenkar, N., **Bronstein, O.**, and Loya, Y. The rise and fall of a coral reef ascidian. The 11th International Coral Reef Symposium, Ft. Lauderdale, USA. 2008.
3. **Bronstein, O.**, and Loya, Y. A new species of sea urchins from the genus *Echinometra* in the Gulf of Aqaba and Western Indian Ocean. 7th conference of the Israeli Association for Aquatic Sciences. Eilat, Israel. 2010.
4. **Bronstein, O.**, and Loya, Y. Molecular taxonomy reveals new *Echinometra* species. 12th International Coral Reef Symposium. Cairns, Queensland, Australia. 2012.
5. **Bronstein, O.**, and Loya, Y. Echinoid community structure and rates of herbivory and bioerosion on exposed and sheltered reefs. 11th conference of the Israeli Association for Aquatic Sciences. Tel Aviv, Israel. 2014. **(Best lecture award)**
6. **Bronstein, O.**, and Loya, Y. Photoperiod, temperature and food availability as drivers of the annual reproductive cycle of the sea urchin *Echinometra* sp. from the Gulf of Aqaba (Red Sea). 11th conference of The Israeli Association for Aquatic Sciences. Tel Aviv, Israel. 2014.
7. **Bronstein, O.**, and Loya, Y. The environmental drivers of the annual reproductive cycle of *Echinometra* sp. from the Gulf of Aqaba (Red Sea). 8th European Echinoderms Colloquium. Portsmouth, England. 2014. **(Best lecture award)**
8. Kroh, A., **Bronstein, O.**, and Haring, E. The Red Sea collector urchin: evidence of mitochondrial capture masking the species' true affinities. 8th European Echinoderms Colloquium. Portsmouth, England. 2014.
9. **Bronstein, O.**, and Loya, Y. The environmental drivers of the annual reproductive cycle of the sea urchin *Echinometra* sp. from the Gulf of Aqaba (Red Sea). AutReef. Vienna, Austria. 2015.

10. **Bronstein, O.**, Kroh, A., and Haring, E. Genes do lie! Mitochondrial capture masking the Red Sea collector urchin, *Tripneustes gratilla*, true identity. 9th NOBIS (Network of Biological Systematics) meeting. Eggenburg, Austria. 2015.
11. **Bronstein O.**, Kroh, A., and Loya, Y. Reproduction of the long-spined sea urchin *Diadema setosum* in the Gulf of Aqaba – implications for the use of gonad-indexes. 9th European Echinoderms Colloquium. Sopot, Poland. 2016.
12. Kroh, A., **Bronstein, O.**, Liggings, L., Däubel, B., and Haring, E. Mitochondrial capture masks speciation in edge-of-range populations of *Tripneustes gratilla* (Echinoidea). 9th European Echinoderms Colloquium. Sopot, Poland. 2016.
13. **Bronstein, O.**, Kroh, A., and Loya, Y. Reproduction of the long-spined sea urchin *Diadema setosum* in the Gulf of Aqaba – implications for the use of gonad-indexes. 13th conference of The Israeli Association for Aquatic Sciences. Herzliya, Israel. 2016. (**Chair**)
14. **Bronstein, O.**, Kroh, A., Däubel, B., Liggins, L., and Haring, E. The urchin doesn't fall far from the tree... in most cases – exploring speciation at the edge of distribution. 10th NOBIS (Network of Biological Systematics) meeting. Linz, Austria. 2016.
15. **Bronstein, O.**, and Kroh, A. Junk or Jewels – the echinoid Control Region and its prospects as phylogenetic marker. 8th North American Echinoderm Conference (NAEC). Worcester, USA. 2017.
16. Kroh, A., and **Bronstein, O.** Cryptic speciation in tropical sea urchins – insights from edge of range populations. 8th North American Echinoderm Conference (NAEC). Worcester, USA. 2017.
17. **Bronstein, O.**, Georgopoulou, E., and Kroh, A. On the distribution of the invasive long-spined echinoid *Diadema setosum* and its expansion in the Mediterranean Sea. 14th conference of The Israeli Association for Aquatic Sciences. Haifa, Israel. 2017.
18. **Bronstein, O.**, Kroh, A., and Haring, E. Integrating fossils and molecules to resolve complex evolutionary genetic puzzles. The European Biological Systematic Societies Conference (BioSyst.EU). Gothenburg, Sweden. 2017.
19. **Bronstein, O.**, Kroh, A., and Haring, E. From gene pools to oceans – genetics in the service of conservation of commercially exploited sea urchin species. 3^{ed} Conservation Genetics Conference (ConsGen). Vienna, Austria. 2018.
20. **Bronstein, O.**, and Kroh, A. Echinomics – insights into echinoid phylogenomics based on complete mitochondrial genomes. 16th International Echinoderm Conference. Nagoya, Japan. 2018.

21. Kroh, A., **Bronstein, O.**, and Hahn, C. Camarodont phylogeny revisited – first result from the Edible Sea Urchins Project. 16th International Echinoderm Conference. Nagoya, Japan. 2018.
22. **Bronstein, O.**, Kroh, A., and Haring, E. Mind the gap! The mitochondrial control region and its power as a phylogenetic marker. 19th Annual GfBS Meeting. Vienna, Austria. 2018.
23. Simon-Blecher, N., **Bronstein, O.**, Pannacciulli, F., Maltagliati, F., Kugoro, B., and Achituv, Y. Out of Africa – molecular structure and biogeography of intertidal barnacles. V International Conference “Molecular Phylogenetics and Biodiversity Biobanking MolPhy-5”. Moscow, Russia.
24. **Bronstein, O.**, Kroh, A., and Haring, E. From gene pools to oceans – genetics in the service of conservation of commercially exploited sea urchin species. 19th Sede-Boqer Merav Ziv Symposium Conservation Genetics. Sede-Boqer, Israel. 2018.
25. **Bronstein, O.**, Kroh, A., and Byrne, M. Implications of range overlap along the Pacific Tropical-Temperate transition zone – genomic lessons from the genus *Tripneustes*. The 10th European Conference on Echinoderms (10ECE), Moscow, Russia. 2019.
26. Kroh, A., **Bronstein, O.**, Kober, K.M., and Cameron, A.R. 268 million years of echinoid mitochondrial stability. The 10th European Conference on Echinoderms (10ECE), Moscow, Russia. 2019.
27. **Bronstein, O.**, Kroh, A., and Byrne, M. Implications of range overlap along the Pacific Tropical-Temperate transition zone – genomic lessons from the genus *Tripneustes*. The 50th Anniversary Symposium of The Interuniversity Institute for Marine Sciences in Eilat, Eilat, Israel. 2019.
28. Kroh, A., and **Bronstein, O.** Conservation of mitochondrial genome gene order in echinoids. 13th NOBIS (Network of Biological Systematics) meeting. Salzburg, Austria. 2019.
29. **Bronstein, O.** Finding new NEMOs (Novel Echinoderm Model Organisms). The 9th ILANIT/FISEB Conference, Eilat, Israel. 2020.
30. **Bronstein, O.**, Kroh, A., and Byrne, M. Implications of range overlap along the Pacific Tropical-Temperate transition zone – genomic lessons from the genus *Tripneustes*. 14th ICRS (International Coral Reef Symposium), Bremen, Germany (Virtual). 2021.

H. Other Publications (Books Edited, Encyclopedias, Reports, ect.)

1. **Bronstein, O.**, Brokovich, E., Gilner, J., Loya, Y., Ortiz, J.C., van Woesik, R.,

- Zvuloni, A. (2009) Project 6. Population dynamics of coral populations under environmental change. In: Hoegh-Guldberg, O., Loya, Y., Bythell, J., Fitt, W., Gates, R., Iglesias-Prieto, R., Lesser, M., McClanahan, T., van Woesik, R., Wild, C. (eds) Bleaching and Related Ecological Factors CRTR Working Group Findings 2004-2009, Queensland, Australia, pp53-58
2. **Bronstein, O.** (2010) "Predation of corals on jellyfish (in Hebrew)". Teva Hadvarim Vol. May 2010, www.tevahadvarim.co.il
 3. **Bronstein, O.** (2015) "A journey through the stars (in Hebrew)". Journal of The Israeli Association for Aquatic Sciences (IAAS), March 25th 2015, ZAVIT.ORG.IL (also published on: <http://www.news1.co.il/Archive/0024-D-101238-00.html>)
 4. **Bronstein, O.** (2020) "The Hebrew dictionary of Echinoderms". Published by the Academy of the Hebrew Language; <https://en.hebrew-academy.org.il/>, (available online at: <https://terms.hebrew-academy.org.il/Millonim/ShowMillon?KodMillon=598>)