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Education

1988 Postdoctorate, Department of Biological Chemistry, Hebrew University.
1987 Doctorate in General Microbiology, University of Amsterdam.
1980 MSc, Aquatic Microbial Ecology, University of Amsterdam.
1977 BSc, Biology, University of Amsterdam.

Appointments

- *Division of Ocean Sciences, National Science Foundation, Arlington, VA*
2012 - Program Director

- *Dept of Ecology and Evolutionary Biology, Brown University, Providence, RI*
2012 – 2017 Professor

- *Josephine Bay Paul Center, Marine Biological Laboratory, Woods Hole, MA*
2008- Senior Scientist

- *Interuniversity Institute for Marine Science, Hebrew University, Jerusalem, Israel*
2004- Full Professor.
2000-2004 Associate Professor.
1993-2000 Senior Lecturer.

- *Division of Microbial and Molecular Ecology, Hebrew University, Jerusalem, Israel*
1991-1993 Senior Research Associate.
1989-1991 Research Associate.

- *Department of Microbiology, University of Amsterdam, Netherlands*
1988-1989 Lecturer.
1986-1987 Senior Assistant Researcher.
1980-1986 Assistant Researcher.
1978-1980 Teaching Assistant, Instructor.

Consultant Services

2011- UEP Consultants, Urban and Environmental Planning, **Falmouth MA**

Fellowships and Awards

1983 Graduate Student Exchange, Brookhaven National Lab, Upton NY.
1987 EU Exchange Program, National Institute of Basic Biology, Okazaki, Japan.
1988-1989 Excellence in Science Program, Royal Dutch Academy of Sciences.
1991 Academic Challenge Fellowship, Bowling Green State University, OH.
1994 Royal Society Fellowship, University of Warwick, UK.

- 2000-2001 Visiting Scholar, MIT, Cambridge MA.
 2005-2008 Gruss-Lipper Fellowship, Marine Biology Laboratory, Woods Hole MA.

Academic Activities

- 1996- Member, Minerva Research Center for Marine Biogeochemistry, Hebrew University.
 1999-2008 Board of Directors, Interuniversity Institute for Marine Science, Eilat.
 2000- Advisory Board, International Review of Hydrobiology.
 2000 Chair, 2nd Workshop on Molecular Ecology of *Prochlorococcus*, Eilat.
 2001-2003 Chair, Marine Sciences Program, Interuniversity Institute for Marine Science, Eilat.
 2002-2008 Committee for Academic Promotions and Tenure, Life Sciences Institute, Hebrew University.
 2002-2008 Member, Minerva Research Center for Photosynthesis, Hebrew University.
 2003-2009 Editorial Board, "Photosynthetica", Intl. Journal for Photosynthesis Research.
 2005-2007 Chair, Plant and Environmental Sciences Program, Hebrew University.
 2006-2008 Director, Minerva Research Center for Marine Biogeochemistry, Hebrew University.
 2006-2008 Review Committee of the Kinneret Limnological Laboratory, Israel
 2008- Editorial Board, ASM Applied and Environmental Microbiology.
 2009-2011 Mentor, ASM-MURF (Undergraduate Research in Microbiology) Program.
 2009- Evaluator, EU FP7 Research Programs.
 2010 NSF-GEO Panel on Ocean Acidification.
 2010- Associate Editor, Frontiers in Aquatic Microbiology.
 2011 NSF-BIO Panel on Metabolism and Microbial Communities.
 2012- Associate Editor, Journal of Phycology.
 2012 Nominating Committee for MBL Science Council.
 2012-2015 Member, Strategic Advisory Board, MaCuMBA Project, EU.
 2013-2014 NSF Site Visit team, Science and Technology Center for Dark Energy Biosphere Investigations (C-DEBI).

Research Cruises

- 1994 R/V IUI, First Joint Eritrea-Israel Red Sea Expedition (Eilat–Massawa–Eilat).
 1999 R/V Meteor, cruise leg M44/2 in Northern Red Sea (Suez–Aqaba).
 2002 R/V Red Sea Explorer, Second Seychelles-Israel Expedition (Chief Scientist).
 2006 R/V Polarstern, cruise leg ANT XXIII/4, Bellinghausen-Amundsen Seas (Punta Arenas–Punta Arenas).
 2010 R/V Nathaniel B. Palmer, cruise leg NBP 10-05 (ASPIRE) in Amundsen Sea (Punta Arenas-McMurdo base).
 2011 R/V Blue Heron, SINC 16 (Sources and Sinks of Stochiometrically Imbalanced Nitrate in the Great Lakes) Cruise, first leg in Lake Superior and Lake Huron.
 2012 R/V Thompson, POWWOW (Seasonal and decadal changes in temperature drive *Prochlorococcus* ecotype distribution patterns), leg Honolulu to San Diego.
 2013 R/V Nathaniel B. Palmer, cruise leg NBP 10-05 (PHAntastic) to Amundsen and Ross Sea (Punta Arenas-Hobarth).

Teaching

- 1979-1980 Teaching assistant for courses in *General Microbiology*.
1980-1989 Supervisor in MSc and PhD research projects, University of Amsterdam.
1983-1987 *General Microbiology* course, University of Amsterdam.
1989-2009 Supervisor in MSc and PhD research projects, Hebrew University.
1992-2005 *Ecosystem of the Red Sea*, Interuniversity Institute for Marine Science.
1993-2007 *Marine Microbiology*, Interuniversity Institute for Marine Science.
1994-2007 *Molecular Ecology*, Hebrew University.
1994-2005 *Microbial Adaptation to Environmental Stress*, Hebrew University.
2003-2007 *Physiology and Biochemistry of Photosynthesis*, Hebrew University.
2005-2007 *Introduction to Plant Sciences*, Hebrew University.

Professional Societies

American Society for Limnology and Oceanography
American Phycological Society
American Society for Microbiology
Israeli Society of Microbiology
Marine Biological Laboratory Corporation

Reviewer For

Applied and Environmental Microbiology, Archives of Microbiology, Microbiology, Environmental Microbiology, ISME Journal, FEMS Microbiology Letters, FEMS Microbiology Ecology, Aquatic Microbial Ecology, Frontiers of Aquatic Microbiology, Molecular Ecology, International Reviews for Hydrobiology, Journal of Plankton Research, Limnology and Oceanography, Marine Biology, Marine Ecology Progress Series, Journal of Phycology, Biochimica Biophysica Acta, Photosynthetica, Proceedings of the National Academy of Science, Science, Nature, Aquatic Sciences, National Science Foundation (Biological and Chemical Oceanography, Polar Biology, Molecular and Cellular Bioscience, Marine Geology/Geoscience), US-Israel Binational Science Foundation, Germany-Israel Foundation, US-Israel Binational Agricultural Research and Development, Israel Science Foundation, NOAA Seagrant, European Union Framework (FP3-FP7), Ring Family Foundation, Council for Higher Education in Israel.

Scientific Publications (reviewed)

1. Loogman J.G., **Post A.F.** and Mur L.R. (1980). The influence of the periodicity in light conditions as determined by the trophic state of the water, on the growth of the green alga *Scenedesmus protuberans* and the cyanobacterium *Oscillatoria agardhii*. in: Hypertrophic Ecosystems (Barica J. and Mur L.R., eds.), Junk Publ., Den Haag, pp. 79-82.
2. Roos P.J., **Post A.F.** and Revier J.M. (1981). Dynamics and architecture of reed periphyton. Verh. Internat. Verein. Limnol. 21, 948-953.
3. Zevenboom W., **Post A.F.**, Van Hes U.M. and Mur L.R. (1983). A new incubator for measuring photosynthetic activity of phototrophic organisms using the amperometric oxygen technique. Limnol. Oceanogr. 28, 787-791.
4. Zevenboom W. and **Post A.F.** (1983). Effects of growth conditions on photosynthesis. in: The measurement of primary production: problems and recommendations (Colijn F., Gieskes W.W.C. and Zevenboom W., eds.). Hydrobiol. Bull. 17,29-51.
5. **Post A.F.**, Dubinsky Z., Wyman K. and Falkowski P.G. (1984). Kinetics of light intensity adaptation in a marine planktonic diatom. Mar. Biol. 83, 231-238.
6. **Post A.F.**, Dubinsky Z., Wyman K. and Falkowski P.G. (1985). Physiological responses of a marine planktonic diatom to transitions in growth irradiance. Mar. Ecol. Prog. Series 25, 141-149.
7. **Post A.F.**, De Wit R. and Mur L.R. (1985). Interactions between temperature and light intensity on the growth and photosynthesis of *Oscillatoria agardhii*. J. Plankton Res. 7, 487-495.
8. **Post A.F.**, Loogman J.G. and Mur L.R. (1985). Regulation of growth and photosynthesis by *Oscillatoria agardhii* grown with a light/dark cycle. FEMS Microbiol. Ecol. 31, 97-102.
9. **Post A.F.**, Eygenraam F. and Mur L.R. (1985). Influence of light period length on photosynthesis and synchronous growth of *Scenedesmus protuberans*. British Phycol. J. 20, 391-397.
10. **Post A.F.**, Loogman J.G. and Mur L.R. (1986). Photosynthesis, carbon flows and growth of *Oscillatoria agardhii* in environments with a periodic supply of light energy. J. Gen. Microbiol. 132, 2129-2136.
11. **Post A.F.**, Veen A. and Mur L.R. (1986). Regulation of cyanobacterial photosynthesis determined from variable fluorescence yields of photosystem II. FEMS Microbiol. Lett. 35, 129-135.
12. **Post A.F.** (1986). Transient state characteristics of adaptation to changes in light conditions for the cyanobacterium *Oscillatoria agardhii*. I. Pigmentation and photosynthesis. Arch. Microbiol. 145, 353-357.
13. **Post A.F.** (1986). Transient state characteristics of adaptation to changes in light conditions for the cyanobacterium *Oscillatoria agardhii*. II. Dynamics in cellular contents and growth rates. Arch. Microbiol. 149, 19-23.
14. Dubinsky Z., Falkowski P.G., **Post A.F.** and Van Hes U.M. (1987). A system for measuring phytoplankton photosynthesis in a defined light field with an oxygen electrode. J. Plankton Res. 9, 607-612.
15. **Post A.F.** (1987). The nature of complementary chromatic adaptation in cyanobacteria: Functional organization of pigments and regulation of photosynthesis in monochromatic light. PhD thesis, University of Amsterdam, 128 pp.

16. Naes H. and **Post A.F.** (1988). Transient states in geosmin, pigments, carbohydrates and proteins in continuous cultures of *Oscillatoria brevis* induced by changes in nitrogen supply. Arch. Microbiol. 150, 333-337.
17. Naes H., Utkilen H.C. and **Post A.F.** (1988). Factors influencing geosmin production by the cyanobacterium *Oscillatoria brevis*. Wat. Sci. Tech. 20, 125-131.
18. Naes H., Utkilen H.C. and **Post A.F.** (1989). Regulation of geosmin production and pigment biosynthesis in the cyanobacterium *Oscillatoria brevis*. Arch. Microbiol. 151, 407-410.
19. Burger-Wiersma T. and **Post A.F.** (1989). Functional analysis of the photosynthetic apparatus of *Prochlorothrix hollandica* (Prochlorales), a chlorophyll *b* containing prokaryote. Plant Physiol. 91, 770-774.
20. **Post A.F.**, Zwart G., Sweers J.P., Veen A., Rensman D., Van Den Heuvel A. and Mur L.R. (1989). Chromatic regulation of photosynthesis in cyanobacteria. in: Microbial Mats, Physiological Ecology of Benthic Microbial Communities. (Cohen Y. and Rosenberg E., eds.), ASM press, pp. 305-312.
21. Ish-Shalom D., **Post A.F.**, Kloopstech K. and Ohad I. (1990). Light regulation of the 22 kD heat-shock protein in *Chlamydomonas reinhardtii*. in: Current Research in Photosynthesis (Baltscheffsky M., ed.), Kluwer Acad. Publ. Vol. IV. pp. 709-712.
22. **Post A.F.**, Mimuro M. and Fujita Y. (1991). Light 2 directed changes in the effective absorption cross-section of photosystem II in *Synechocystis* 21270 are related to modified action on the donor side of the reaction center. Biochim. Biophys. Acta 1060, 67-74.
23. **Post A.F.**(1991). The contribution of the microalga *Chlorella* to wastewater treatment. Israel Environm. Bull. 14, 19-24.
24. Hershkovitz N., Oren A., **Post A.F.** and Cohen Y. (1991). Induction of water stress proteins in cyanobacteria exposed to matric water stress. FEMS Microbiol. Lett. 83, 169-172.
25. **Post A.F.**, Gal A., Ohad I., Milbauer K.M. and Bullerjahn G.S. (1992). Characterization of light activated reversible phosphorylation of a chlorophyll *a/b* antenna apoprotein in the photosynthetic prokaryote *Prochlorothrix hollandica*. Biochim. Biophys. Acta 1100, 75-82.
26. Bullerjahn G.S. and **Post A.F.** (1993). Prochlorophytes, are they more than just chlorophyll *a/b* containing cyanobacteria? CRC Critical Reviews in Microbiology, 19(1), 43-59.
27. Mor T.S., **Post A.F.** and Ohad I. (1993). The manganese stabilising protein (MSP) of *Prochlorothrix hollandica* is a hydrophobic membrane-bound protein. Biochim. Biophys. Acta, 1141, 206-212.
28. Fruend C., Romem E. and **Post A.F.** (1993). Ecological physiology of an assembly of photosynthetic microalgae in wastewater oxidation ponds. Water Sci. Technol. 27(7/8), 143-149.
29. Cohen I. and **Post A.F.** (1993). The heterotrophic connection in a photoautotrophic *Chlorella vulgaris* dominant in wastewater oxidation ponds. Water Sci. Technol. 27(7/8), 151-155.
30. **Post A.F.**, Ohad I., Warner K.M. and Bullerjahn G.S. (1993). Energy distribution between photosystems I and II in the photosynthetic prokaryote *Prochlorothrix hollandica* involves a chlorophyll *a/b* antenna which associates with Photosystem I. Biochim. Biophys. Acta. 1144, 374-384.
31. **Post A.F.** (1993). Ammonia enhanced dark respiration in *Chlorella vulgaris* is related to the collapse of a transmembrane pH gradient. FEMS Microbiol. Lett. 113, 9-14.

32. **Post A.F.** and Bullerjahn G.S. (1994). The photosynthetic machinery of Prochlorophytes: structural properties and ecological significance. *FEMS Microbiol. Reviews* 13, 393-414.
33. **Post A.F.**, Cohen I. and Romem E. (1994). Characterization of two *Chlorella vulgaris* (Chlorophyceae) strains isolated from wastewater oxidation ponds. *J. Phycol.* 30, 950-954.
34. Lindell D. and **Post A.F.** (1995). Ultraphytoplankton succession is triggered by deep winter mixing in the Gulf of Aqaba (Eilat). *Limnol. Oceanogr.* 40(6), 1130-1141.
35. Dwivedi K., **Post A.F.** and Bullerjahn G.S. (1996). Cloning and functional analysis of the *pmmA* gene encoding phosphomannomutase from the photosynthetic prokaryote *Prochlorothrix hollandica*. *Biochim. Biophys. Acta* 1290, 210-214.
36. **Post A.F.** and Arieli B. (1997). Photosynthesis of *Prochlorothrix hollandica* under sulfide-rich anoxic conditions. *Appl. Environ. Microbiol.* 63(9), 3507-3511.
37. Lindell D., Padan E. and **Post A.F.** (1998). Regulation of *ntcA* expression and nitrite uptake in the marine *Synechococcus* sp. strain WH7803. *J. Bacteriol.* 180(7), 1878-1886.
38. Yahel G., **Post A.F.**, Fabricius K., Marie D., Vaultot D. and Genin A. (1998). Phytoplankton distribution and grazing near coral reefs. *Limnol. Oceanogr.*, 43(4), 551-563.
39. Li H. and **Post A.F.** (1998). Alkaline phosphatase activities among planktonic communities in the northern Red Sea. *Mar. Ecol. Prog. Series* 173, 107-115.
40. Lindell D., Padan, E. and **Post A.F.** (1999). The effect of ammonium on *ntcA* expression, nitrate and nitrite uptake in marine *Synechococcus* sp. strain WH 7803. In: *Marine Cyanoobacteria* (L. Charpy and A.W. Larkum, eds.), Bulletin de l'Institut Océanographique, Monaco, special issue N° 19, pp. 273-278.
41. Wang Q., Li H. and **Post A.F.** (2000). The nitrate assimilation genes of the marine diazotrophic, filamentous cyanobacterium *Trichodesmium* sp. strain WH9601. *J. Bacteriol.* 182 (6): 1764-1767.
42. Schreiter P., Gillor O., **Post A.F.**, Belkin S., Schmid R.D. and Bachmann T.T. (2000). Monitoring of phosphorus availability in water by an immobilized luminescent cyanobacterial reporter strain. *Biosens. Bioelectron.* 16, 811-818.
43. Stihl A., Sommer U. and **Post A.F.** (2001). Alkaline phosphatase activities among populations of the colony-forming, diazotrophic cyanobacterium *Trichodesmium* spp. in the Red Sea. *J. Phycol.* 62, 310-317.
44. West N.J., Schoenhuber, W.A., Fuller N.J., Amann R.I., Rippka R., **Post A.F.** and Scanlan D.J. (2001). Closely related genotypes of *Prochlorococcus* show remarkably different depth distributions in two oceanic regions as revealed by in situ hybridisation using 16S rRNA-targeted oligonucleotides. *Microbiol.* 147, 1731-1744.
45. Lindell D. and **Post A.F.** (2001). Expression of the nitrogen regulatory gene *ntcA* as an indicator of ammonium acquisition by marine unicellular cyanobacteria. *Appl. Environ. Microbiol.*, 67, 3340-3349.
46. Lindell D., Erdner D., Marie D., Claustre H., Prasil O., Le Gall F., Rippka R., Partensky F., Scanlan D.J. and **A.F. Post** (2002). Contrasting expression of *ntcA* and *amt* in *Prochlorococcus* sp. strain PCC 9511. *J. Phycol.* 38(6), 1113-1124.
47. Boelen P., **Post A.F.**, Veldhuis M.J.W. and Buma A.G.J. (2002). Diel patterns of UVBR induced DNA damage in plankton size fractions from the Gulf of Aqaba, Red Sea. *Microbial Ecol.* 44(2), 164-174.
48. Gillor O., Hadas O., **Post A.F.** and Belkin S. (2002). Phosphorus bioavailability monitoring in a bioluminescent cyanobacterial sensor strain. *J. Phycol.* 38(1), 107-115.

49. Moore L., Rocap G., **Post A.F.** and Chisholm S.W. (2002). Differential nitrogen utilization of the marine cyanobacteria, *Prochlorococcus* and *Synechococcus*. *Limnol. Oceanogr.* 47(4), 989-996.
50. **Post A.F.**, Dedej. Z., Gottlieb R., Thomas D., El-Absawi M., El-Naggar A., Gharabawi M., Sommer U. (2002). Spatial and temporal distribution of *Trichodesmium* spp. in the stratified Gulf of Aqaba (northern Red Sea). *Mar. Ecol. Prog. Ser.* 239, 241-250.
51. Sommer U., Berninger U.-G., Böttger-Schnack R., Cornils A., Hagen W., Hansen T., Al-Najjar T., **Post A.F.**, Schnack-Schiel S.B., Stibor H., Stuebing D. and Wickham S. (2002). Grazing during early spring in the Gulf of Aqaba and the Northern Red Sea. *Mar. Ecol. Prog. Ser.* 239, 251-261.
52. Holtzendorff J., Marie D., Partensky F., **Post A.F.** and Hess W.R. (2002). Expression of *ftsZ* in natural *Prochlorococcus* populations of the Red Sea, analyzed by real-time PCR. *Environ. Microbiol.* 4(11), 644-653.
53. Zeidner G., Preston C.M., Delong E.F., Massana R, **Post A.F.** and Beja O. (2003). Extensive diversity among marine phytoplankton. *Environ. Microbiol.* 5 (3), 212-216.
54. Fuller N.J., Marie D., Partensky F., Vaulot D., **Post A.F.** and Scanlan D.J. (2003). Clade-specific 16S rDNA oligonucleotides reveal the dominance of a single marine *Synechococcus* clade throughout a stratified water column in the Red Sea. *Appl. Environ. Microbiol.*, 69 (5), 2430-2443.
55. Gillor O., Harush A., Hadas O., **Post A.F.** and Belkin S. (2003). Assessment of nitrogen bioavailability in a freshwater lake. *Appl. Environ. Microbiol.* 69 (3), 1465-1474.
56. Man D., Wang W., Sabihi G., Aravind L., **Post A. F.**, Massana R., Spudich E. N. , Spudich J. L. and Béjà O. (2003). Diversification and a single-residue spectral tuning switch mechanism in marine proteorhodopsins. *EMBO J.* 22(8), 1725-1731.
57. Steglich C., Marie D., **Post A.F.** and Hess W.R. (2003). Analysis of natural populations of *Prochlorococcus* in the northern Red Sea using phycoerythrin gene sequences. *Environ. Microbiol.* 5(8), 681-690.
58. Rocap G., Larimer F.W., Lamerdin J., Malfatti S., Chain P., Ahlgren N.A., Arellano A., Coleman M., Hauser L., Hess W.R, Johnson Z.I., Land M., Lindell D., **Post A.F.**, Regala W., Shah M., Shaw S.L., Steglich C., Sullivan M.B., Ting C.S., Tolonen A., Webb E.A., Zinser E. and S.W. Chisholm (2003) Niche differentiation viewed from whole genome comparison of two ecotypes of the marine cyanobacterium *Prochlorococcus*. *Nature* 424, 1042-1047.
59. Mühling M., Fuller N. J., Millard A, Scanlan D. J., **Post A. F.**, Wilson W. H. and Mann N.H. (2005). Genetic diversity of marine picoplankton (*Synechococcus*) blooms and covariance of the associated virioplankton population. *Environmental Microbiology* 7(4), 499-508.
60. Fuller N. J., Marie D., Yallop M., Rivlin T., West N. J., **Post A. F.** and Scanlan D. J. (2005). Dynamics of community structure and P status of picocyanobacterial populations in the Gulf of Aqaba, Red Sea during 1999-2000. *Limnol. Oceanogr.* 50(1), 363-375.
61. Lindell D., Penno S., Al Qutob M., David E., Korpál T., Lazar B. and **Post, A.F.** (2005). Expression of the N-stress response gene *ntcA* reveals N-sufficient *Synechococcus* populations in the oligotrophic northern Red Sea. *Limnol. Oceanogr.* 50, 1932-1944.
62. Penno, S., Lindell D. and **Post A.F.** (2006). Diversity of *Synechococcus* and *Prochlorococcus* populations determined from DNA sequences of the N-regulatory gene *ntcA*. *Environ. Microbiol.*, 8(7), 1200-1211.

63. Mühling M., Fuller N.J., Somerfield P.J., **Post A.F.**, Wilson W.H., Scanlan D.J., Joint I., Mann N.H. (2006) High resolution genetic diversity studies of marine *Synechococcus* using *rpoCI*-based RFLP. *Aquat. Microb. Ecol.* 45, 263-275.
64. Mackey K.R.M., Calhoun M., Labiosa R.G., Street J.H., **Post A.F.**, and A. Paytan (2007). Phosphorus availability controls phytoplankton community dynamics and taxon specific nutrient status in the Gulf of Aqaba, Red Sea. *Limnol. Oceanogr.* 52 (2), 873-885.
65. Chen Y., Street J., Golan, D., **Post A.F.** and Paytan A. (2007). Estimate of atmospheric dry deposition fluxes and associate input of nutrients in the Gulf of Aqaba. *J. Geophys. Res.* 112, D04309.
66. Garczarek L., Dufresne A., Rousvoall S., West N., Mazard S., Marie D., Claustre H., Raimbault P., **Post A.F.**, Scanlan D., and Partensky F. (2007). High vertical and low horizontal microdiversity of *Prochlorococcus* genotypes in the Mediterranean Sea in summer. *FEMS Microbiol. Ecol.* 60, 189-206.
67. Dufresne A., Ostrowski M., Scanlan D.J., Garczarek L., Mazard S., Palenik B., Paulsen I., Tandeau de Marsac N., Wincker P., Dossat C., Ferriera S., Johnson J., **Post A.F.**, Hess W.R. and Partensky F. (2008). Unraveling the genomic mosaic of a ubiquitous genus of marine cyanobacteria. *Genome Biol.* 9 (5):R90.
68. Kamennaya N.A., Chernichovsky M. and **Post A.F.** (2008). The cyanate utilization capacity of marine unicellular cyanobacteria. *Limnol. Oceanogr.*, 53, 2485-2494.
69. Claessens M., Wickham S.A., **Post A.F.** and Reuter M. (2008). Ciliate community in the oligotrophic Gulf of Aqaba. *Aquat. Microb. Ecol.* 53, 181-190.
70. Paytan A., Mackey K.R.M., Chen Y., Lima I.D., Doney S.C. and **Post A.F.** (2009). Toxicity of atmospheric aerosols on marine phytoplankton. *Proc. Natl. Acad. Sci.*, 106 (12), 4601-4605. www.pnas.org/cgi/doi/10.1073/pnas.0811486106
71. Scanlan D.J., Ostrowski M., Mazard S., Dufresne A., Garczarek L., Hess W. R., **Post A.F.**, Hagemann M., Paulsen I., and F. Partensky (2009). Ecological genomics of marine picocyanobacteria. *Microbiol. Mol. Biol. Rev.* 73 (2), 249-299.
72. K.R.M. Mackey, A. Paytan, T. Rivlin, and **A.F. Post** (2009). Phytoplankton responses to natural and simulated transitions in nutrient and light regimes in the oligotrophic Red Sea. *Mar. Biol.* 156, 1531-1546.
73. D. Ionescu, S. Penno, L. Hazanov, M. Chernihovsky, B. Rihtman, **A.F. Post**, A. Oren (2009). Distribution of Archaea among the prokaryoplankton in the Gulf of Aqaba. *FEMS Microbiol. Ecol.* 69, 425-438.
74. Gillor O., Hadas O., **Post A.F.** and Belkin S. (2010). Phosphorus and nitrogen in a monomictic fresh water lake: a new insight into nutrient bioavailability. *Freshwater Biol.* 55, 1182-1190. [doi:10.1111/j.1365-2427.2009.02342.x](https://doi.org/10.1111/j.1365-2427.2009.02342.x)
75. Aberle N., Hansen T., Böttger-Schnack R., Holzman R., **Post A.F.** and Sommer U. (2010). Differential routing of “new” nitrogen toward higher trophic levels within the marine food web of the Gulf of Aqaba, Northern Red Sea. *Mar. Biol.* 157, 157-169. [doi 10.1007/s00227-009-1306-y](https://doi.org/10.1007/s00227-009-1306-y)
76. Claessens M., Wickham S.A., **Post A.F.** and Reuter M. (2010). A paradox of the ciliates? High ciliate diversity in a resource-poor environment. *Mar. Biol.* 157, 483-494. [doi 10.1007/s00227-009-1334-7](https://doi.org/10.1007/s00227-009-1334-7)
77. Wankel S.D., Chen Y., Kendall C., **Post A.F.** and A. Paytan (2010). Sources of aerosol nitrate to the Gulf of Aqaba: evidence from $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ of nitrate and trace metal chemistry. *Marine Chem.* 120 (1-4), 90-99. [doi:10.1016/j.marchem.2009.01.013](https://doi.org/10.1016/j.marchem.2009.01.013).

78. Kamennaya N.A. and **Post A.F.** (2011). Characterization of cyanate metabolism in marine *Synechococcus* and *Prochlorococcus* spp. *Appl. Environ. Microbiol.*, 77 (1), 291-301.
79. **Post A.F.**, Penno S., Zandbank K., Paytan A., Huse S. and Mark Welch D. (2011). Long term seasonal dynamics of *Synechococcus* population structure in the Gulf of Aqaba, Northern Red Sea. *Frontiers in Aquat. Microbiol.* 2, 1-11. [doi: 10.3389/fmicb.2011.00131](https://doi.org/10.3389/fmicb.2011.00131).
80. Mackey K.R.M., Bristow L., Parks D.R., Altabet M.A., **Post A.F.**, and Paytan A. (2011). Nitrite maxima in oligotrophic waters – the impact of light and substrate availability. *Prog. Oceanogr.* 91, 545-560, doi: <http://dx.doi.org/10.1016/j.pocean.2011.09.001>.
81. Finkel O.M., Burch A.Y., Lindow S.E., Post A.F. and Belkin S. (2011). Geographical location determines the population structure in phyllosphere microbial communities of a salt-excreting desert tree. *Appl. Environ. Microbiol.*, 77 (21), 7647-7655.
82. Atamna-Ismaeel N., Finkel O.M., Glaser F., Sharon I., Sharon A.J., Schneider R., **Post A.F.**, Béjà O. & Belkin S. (2011) Microbial rhodopsins on leaf surfaces of terrestrial plants. *Environ. Microbiol.* 14 (1), 140-146. [doi:10.1111/j.1462-2920.2011.02554.x](https://doi.org/10.1111/j.1462-2920.2011.02554.x)
83. **Post A.F.**, Rihtman B. and Wang Q. (2012). Decoupling of ammonium regulation and *ntcA* transcription in the diazotrophic marine cyanobacterium *Trichodesmium* sp. *ISME J.* 6, 629-637. [doi:10.1038/ismej.2011.121](https://doi.org/10.1038/ismej.2011.121)
84. Sukenik A., Kaplan-Levy R.N., Mark Welch J. and **Post A.F.** (2012). Dramatic multiplication of the genome and the ribosomes in akinetes are an essential attribute of the survival strategy in *Aphanizomenon ovalisporum*. *ISME J.* 6, 670-679. [doi:10.1038/ismej.2011.128](https://doi.org/10.1038/ismej.2011.128)
85. Meeder, E., Mackey, K.R.M., Paytan A., Shaked Y., Iluz D., Stambler N., Rivlin T., **Post A.F.** and Lazar B. (2012). Nitrite dynamics in the open ocean – a lesson from the Northern Red Sea. *Mar. Ecol. Prog. Ser.* 453, 11-26. [doi: 10.3354/meps09525](https://doi.org/10.3354/meps09525).
86. Finkel O.M., Burch A.Y., Elad T., Huse S.M., Lindow S.E., **Post A.F.** and Belkin S. (2012). Distance-Decay relationships partially determine diversity patterns of phyllosphere bacteria on Tamarisk trees across the Sonoran Desert. *Environ. Microbiol.* 78(17), 6187-6193. [doi: 10.1128/AEM.00888-12](https://doi.org/10.1128/AEM.00888-12).
87. Mackey K.R.M., Roberts K., Lomas M.W., Saito M.A., **Post A.F.** and Paytan A. (2012). Enhanced solubility and ecological impact of atmospheric phosphorus deposition upon extended seawater exposure. *Environ. Sci Technol.*, 46 (19), 10438-10446. [doi: 10.1021/es3007996](https://doi.org/10.1021/es3007996).
88. Yager P.L., Sherrell R.M., Stammerjohn S.E., Alderkamp A.-C., Schofield O., Abrahamsen E.P., Arrigo K.R., Bertilsson S., Garay D.L., Guerrero R., Lowry K.E., Moksnes P.-O., Ndungu K., Post A.F., Randall-Goodwin E., Riemann L., Severmann S., Thatje S., van Dijken G.L., and S. Wilson. (2012). ASPIRE: The Amundsen Sea Polynya International Research Expedition. *Oceanography* 25(3):40–53, doi.org/10.5670/oceanog.2012.73
89. Kamennaya, N. and **Post A.F.** (2013). Distribution and expression of the cyanate acquisition potential among cyanobacterial populations in oligotrophic marine waters. *Limnol. Oceanogr.*, in press.
90. Wickham S.A., Claessens M. and **Post, A.F.** (in revision). Grazing and nutrient control of the pelagic microbial food web in the Gulf of Qqaba: seasonal experiments. *Mar. Biol.*
91. Kamennaya N.A., Schwarz A., Fertig T., Dery E., Wickham S., Hammar K.M., Mark Welch D. and **Post A.F.** (in revision). Members of an ancient *Prochlorococcus* clade in the Antarctic Circumpolar Current. *Proc Natl. Acad Sci.*
92. Shilova I.N., Robidart J.C., Tripp H.J., Turk-Kubo K., Wawrik B., **Post A.F.**, Thompson A.W., Ward B., Hollibaugh J.T., Millard A., Ostrowski M., Scanlan D., Paerl R.W., Stuart R.

- and Zehr J.P. (in revision). Development and application of a microarray for assessing gene expression in open ocean microbial communities. ISME J.
93. Delmont T., Hammar K.M., Ducklow H., Yager P., **Post A.F.** (in prep.). *Phaeocystis antarctica* blooms shape bacterial community structures in the Amundsen Sea polynya. Proc. Natl. Acad. Sci.
 94. **Post A.F.**, Delmont T.O., Banning E., McKay R.M. and G.S. Bullerjahn (in prep.). Microbial community structures of oligotrophic Lake Superior (Laurentian Great Lakes) during summer stratification. Great Lakes Res.
 95. Huo Y.-Y., Cheng H., **Post A.F.**, Wang C.-S., Jiang X.-W., Pan J., Wu M. and X.-W. Xu (in prep.). Ecological Functions of Uncultured Microorganisms in the Cobalt-rich Ferromanganese Crust of a Seamount in the Central Pacific are Elucidated by Fosmid Sequencing.
 96. Mackey K.R.M., Chien C.-T., **Post A.F.**, Saito M.A. and A. Paytan (submitted). Rapid and gradual modes of aerosol trace metal dissolution in seawater. Mar. Chem.

Publications in Books

97. Mor T.S., **Post A.F.** and Ohad I. (1992). Characterization of the oxygen evolving complex of *Prochlorothrix hollandica*. in: Regulation of Chloroplast Biosynthesis (Agyroudi-Akoyunoglou J.A., ed.), Plenum Press, NY, pp. 427-432.
98. Mor T.S., **Post A.F.** and Ohad I. (1992). *Prochlorothrix hollandica* is more sensitive to photoinhibition than *Chlamydomonas reinhardtii*. in: Regulation of Chloroplast Biogenesis (Agyroudi-Akoyunoglou J.A., ed.), Plenum Press, NY, pp. 433-437.
99. Fruend C., Romem E. and **Post A.F.** (1992). Ecological physiology of an assembly of photosynthetic microalgae in wastewater oxidation ponds. in: Series of Environmental Quality and Ecosystem Stability (Adin A., Gasith A., Fattal B. and Kanarek A., eds.), volume V-A, pp 77-83.
100. Cohen I. and **Post A.F.** (1992). The heterotrophic connection in a photoautotrophic *Chlorella vulgaris* dominant in wastewater oxidation ponds. in: Series of Environmental Quality and Ecosystem Stability (Adin A., Gasith A., Fattal B. and Kanarek A., eds.), volume V-A, pp. 39-43.
101. **Post A.F.** (1999). The Prochlorophytes - An Algal Enigma. Biology of chlorophyll *a/b* containing photosynthetic prokaryotes. In: Enigmatic microorganisms and life in extreme environments (Seckbach J. ed.), Kluwer Academic Publishers, pp. 115-125.
102. **Post A.F.** (2005). Nutrient Limitation of Marine Cyanobacteria: Molecular Ecology of Nitrogen Limitation in an Oligotrophic Sea. In: Harmful Cyanobacteria (Huisman, J, Matthijs H.C.P and Visser P.M., eds.). Springer Publishers, Dordrecht, The Netherlands, pp. 87-107.
103. **Post A.F.** (2005). The genus *Prochlorococcus*. In: The Prokaryotes (Dworkin M., Falkow S., Rosenberg E., Schleifer K.H. and E. Stackebrandt, eds.), Springer Verlag New York, Inc., electronic and printed edition (invited chapter).
104. Scanlan D.F. and **Post A.F.** (2008). Aspects of marine cyanobacterial N-physiology and connection to the N-cycle. In: Nitrogen in the Marine Environment (Capone D.G, Bronk D.A., Mulholland M.R., and Carpenter E.J., eds.). Elsevier B.V., pp. 1073-1096.

105. **Post A.F.**, Golan D., Zandbank K. and S. Penno (2008). Phytoplankton communities of the Gulf of Aqaba, Northern Red Sea. In: A Pocket-Sized Ocean, the Gulf of Aqaba (Eilat), Environment and Biodiversity, (F.D. Por, ed.). Magna Press, Jerusalem, pp. 119-134.

Research Grant Support

- 1988-1991 Dutch Royal Academy of Arts and Sciences,
Photosynthetic antennae of chlorophyll a/b containing cyanobacteria
- 1989-1992 USA-Israel Binational Science Foundation (BSF)
Photosynthetic antennae of chlorophyll a/b containing cyanobacteria
- 1989-1993 Mekoroth Water Company Ltd., Israel
Microbial ecology of wastewater oxidation ponds
- 1991 Hebrew University, Valazzi-Pikovsky stipend
Microbial ecology of wastewater oxidation ponds
- 1994-1997 Ministry of Research and Technology (BMFT), Germany
Molecular ecology of cyanobacterial populations in the Red Sea
- 1994 Hebrew University, Jerusalem
Molecular ecology of cyanobacterial populations in the Red Sea
- 1994-1996 Hebrew University, Jerusalem
Anthropogenic effects on phytoplankton nutrient budgets in the Red Sea
- 1995-1998 US-Israel Binational Science Foundation (BSF)
Visualization of Trichodesmium blooms by 3-D tomography.
- 1996-1999 Ministry of Research and Education (BMBF), Germany
Red Sea Program, molecular approach to N-stress studies in phytoplankton.
- 1997-2000 AQUASENSE, European Community
Development of bioluminescent bioreporters in unicellular cyanobacteria.
- 1998-2001 PROMOLEC, European Community
Molecular genetics of the marine cyanobacterium Prochlorococcus.
- 1998-2001 Israel Science Foundation (ISF)
Phosphate stress studies of phytoplankton in the northern Red Sea.
- 2000-2003 US-Israel Binational Science Foundation (BSF)
Nitrite-nitrate utilization among Prochlorococcus populations.
- 2002-2005 MARGENES, European Community
Genome studies of the cyanobacteria Prochlorococcus and Synechococcus.
- 2002 Hebrew University, Enrico Berman Fund
Light harvesting and nutrient stress among marine phytoplankton
- 2003 Hebrew University, Ring Foundation
Urea utilization by phtyplankton in the northern Red Sea
- 2004-2007 Germany-Israel Foundation (GIF)
Phytoplankton mortality and nutrient cycling in the northern Red Sea.
- 2005-2008 Woods Hole MBL (Gruss-Lipper Fellowship)
Environmental genomics of marine cyanobacteria.
- 2005-2008 Israel Science Foundation (ISF)
Genotypic diversity and genomics of marine cyanobacteria
- 2006-2008 Israel-Niedersachsen Foundation
Environmental genomics of marine cyanobacteria.

- 2006-2009 NATO Science for Peace Projects
Monitoring of aerosol dust pollution over the Gulf of Aqaba.
- 2007-2008 International Census of Marine Microorganisms (ICOMM)
Diversity of microbial communities in the northern Red Sea.
- 2008-2013 MBL in-house grant
Genomic analyses of nutrient stress in marine phytoplankton
- 2009 Center of Ocean and Human Health at WHOI-MBL-MIT
Shewanella populations in coastal waters, a pilot project.
- 2011-2015 US-Israel Binational Science Foundation #2010262
Spatial biodiversity of the phyllosphere microbial populations of Tamarix.
- 2012-2013 NSF Chemical Oceanography #155566
“Collaborative Research: Cyanate Availability and Utilization by Marine Microbial Assemblages” Co-I: Margaret Mulholland, Old Dominion University.
- 2012-2015 NSF Antarctic Science #1142095
“Collaborative Research: Adaptive Responses of Phaeocystis populations in Antarctic Waters” Co-I: Kevin Arrigo, Stanford University.
- 2013-2016 US-Israel BARD #IS-4556-12
“Removal of off flavor compounds, geosmin and 2-methylisoborneol, from recirculating aquaculture systems” Co-I: Van Rijn, Hebrew University.

Lectures and Presentations

- 1982 *Group of Aquatic Productivity (GAP) workshop*, Konstanz, Germany. **lecture.**
- 1984 *Group of Aquatic Productivity (GAP) workshop*, Haifa, Israel. **Invited lecture.**
- 1985 *Vth International Symposium on Photosynthetic Prokaryotes*, Grindelwald, Switzerland. **poster.**
- 1986 *IVth International Symposium on Microbial Ecology*, Ljubljana, Yugoslavia. **lecture.**
- 1987 *Bat-Sheva de Rothschild Symposium on Microbial Mats*, Physiological Ecology of Benthic Microbial Communities, Eilat, Israel. **Invited lecture.**
- 1988 *VIth International Symposium on Photosynthetic Prokaryotes*, Noordwijkerhout, The Netherlands. **Invited lecture.**
- 1991 *VIIth International Symposium on Photosynthetic Prokaryotes*, Amherst MA, USA. **lecture + poster.**
- 1993 *Workshop on the Molecular Biology of Cyanobacteria*, Bristol, UK. **Invited lecture.**
- 1994 *International Workshop on Prochlorococcus and Synechococcus*, Roscoff, France. **Invited lecture.**
- 1994 *Optical Properties and Quantum Yield Measurements in Marine Photosynthetic Systems*, Eilat, Israel. **Invited lecture.**
- 1996 *Ocean Sciences Meeting* (American Geophysical Union/American Society of Limnology and Oceanography), San Diego CA, USA. **poster.**
- 1996 *50th Anniversary Meeting of the Phycological Society of America*, Santa Cruz CA, USA. **lecture.**
- 1997 *American Society for Limnology and Oceanography Meeting*, Santa Fe NM, USA. **lecture.**
- 1997 *IX International Symposium of Phototrophic Prokaryotes*, Vienna, Austria. **poster.**
- 1997 *Marine Cyanobacteria and related organisms*, Paris, France, **Invited lecture.**

- 1998 *American Society for Limnology and Oceanography Meeting*, San Diego CA, USA, **Invited lecture.**
- 1998 *Molecular Biology of Cyanobacteria: Exploiting the Genome*. Monterrey CA, USA, **lecture.**
- 1998 *American Phycological Society Meeting*, Flagstaff AZ, USA. **lecture.**
 Federation of Israeli Societies of Experimental Biology, Eilat, ISRAEL, **invited lecture.**
IVth European Workshop on the Molecular Biology of Cyanobacteria, Berlin, GERMANY, **lecture.**
2nd European Phycological Congress, Montecatini Terme, Italy. **Invited convenor** for symposium on “Molecular Mechanisms for Protection Against Environmental Stress”, **invited lecture.**
Ocean Sciences Meeting (American Geophysical Union/American Society of Limnology and Oceanography), San Diego CA, USA. **Chairman and lecture.**
- 2000 *2nd PROMOLEC field workshop*, Eilat, Israel. **Organizer and lecture.**
- 2001 *American Society of Limnology and Oceanography Meeting*, Albuquerque NM, USA. **4 lectures.**
Bioenergetics of Cyanobacteria symposium, Strasbourg France, **invited lecture.**
Molecular Biology of Cyanobacteria symposium, Asilomar, Monterey CA, USA, **2 lectures and 2 posters.**
- 2002 *CYANOFIX final symposium*, Tomar, Portugal, **invited poster.**
- 2003 *Harmful Cyanobacteria symposium*, University of Amsterdam, Holland, **invited lecture.**
- 2004 *International Symposium on Microbial Ecology*, Cancun, Mexico, **invited lecture.**
Mondsee Institute for Limnology, Austria, **invited seminar.**
Organismal Biology Dept., University of Salzburg, Austria, **invited seminar.**
- 2005 *Microbiology Dept., University of Goettingen*, Germany, **invited seminar.**
Plant Biology Dept. Carnegie Institution, Stanford CA, USA, **invited seminar.**
European Geophysical Union Symposium, Vienna, Austria, **invited lecture.**
Marine Genomics Symposium, Roscoff, France, **session chair, lecture.**
Marine Cyanobacteria: Evolution, Function and Genomes Symposium, Wenner-Gren Foundation, Stockholm, Sweden, **invited lecture.**
- 2006 *ISEEQS international Symposium*, Haifa, Israel, **invited lecture.**
University of Tennessee, Oak Ridge Natl Lab., Knoxville, **invited seminar.**
- 2007 *Functional Genomics of Marine Microorganisms workshop*, Berlin, **invited lecture.**
Dept. of Civil and Environmental Engineering, MIT, MA, **invited seminar.**
Dept. of Biology, Bowling Green State University, OH, **invited seminar.**
- 2008 *Marine Genomics Europe symposium*, Faro, **invited lecture.**
International Symposium of Phytoplankton Ecology and Taxonomy, Tiberias, **invited lecture.**
- 2009 - “Dynamic change in microbial community structure determined in the Gulf of Aqaba”. *ICoMM Workshop on Microbial Diversity*, Woods Hole MA. **lecture.**
 - “Nitrogen stress responses in marine cyanobacteria: an analysis of adaptive strategies”. *Biology Department, University of Southern Maine*, Portland ME. **invited seminar.**
 - “Nitrogen acquisition in marine cyanobacteria: from community structure to genome architecture” *Carnegie Institution of Science + Stanford University*, Stanford CA. **invited seminar.**
- 2010 - *Workshop on Molecular Genetics Targets*, Palo Alto CA.
 - “N-stress responses and niche adaptation in marine cyanobacteria”. *Ecosystems Center*,

- Marine Biological Laboratory, Woods Hole MA. **invited seminar***
- “Adaptive strategies for nitrogen assimilation by marine cyanobacteria” *Ocean Sciences Department, UCSC, Santa Cruz CA. **invited seminar.***
 - “The role of nutrients in marine microbial community structure” *Bowdoin College, Brunswick ME. **invited seminar***
 - “The ocean N-cycle from a microbial perspective: the example of the cyanobacteria” *Ecological Society of America, Pittsburgh PE. **invited lecture***
- 2011 - “Where Genotype meets Phenotype: Nitrogen Acquisition Strategies of Marine Cyanobacteria” *Division of Marine Science and Conservation, Duke University, Beaufort NC, **invited seminar***
- “Diversity and Niche Adaptation in Marine Cyanobacteria” *Biology Dept, Woods Hole Oceanographic Institution, Woods Hole MA, **invited seminar***
 - “The Role of Nitrogen in the Productivity of Marine Cyanobacteria”, *Synthetic Genomics, La Jolla CA, **invited seminar***
 - “All Stressed Out: the molecular ecology of marine cyanobacteria”, *Gordon and Betty Moore Foundation, Palo Alto, **invited seminar***
 - “The Regulation of Nitrogen Stress Responses in Marine Cyanobacteria”, *Institute of Marine and Environmental Technology, U Maryland, **invited seminar***
- 2012 - “Microbial Community Structures in Lake Superior”, *Great Lakes Gala, University of Minnesota, **invited presentation***
- “Nitrogen as a Driver of Diversification and Niche Adaptation in Marine Cyanobacteria”, *Dept of Biological Sciences, Southern Louisiana University, **invited lecture***
 - “Regulation of N assimilation in Marine Cyanobacteria: multiple strategies coexist in a single niche”, *Dept of Microbiology, University of Tennessee at Knoxville, **invited seminar***
 - “Nitrogen Stress Responses in Marine Cyanobacteria: different strategies and the coexistence of species”, *Dept of Ecology and Evolutionary Biology, Brown University, **invited seminar***
- 2013 - “Niche adaptation and N assimilation in Marine Cyanobacteria”, *Dept of Ocean, Earth and Atmospheric Sciences, Old Dominion University, **invited seminar***
- “Genotype meets Phenotype: Marine Cyanobacteria: Diversification and Nitrogen Acquisition Strategies”, *SAME Symposium, Stresa, Italy, **invited presentation***
 - “The molecular ecology of phytoplankton: a tale of two extremes”, *Argonne National Laboratory, Lemont IL, **invited seminar***
 - “The molecular ecology of phytoplankton: a tale of two extremes”, *Dept of Ecology and Evolutionary Biology, Stony Brook University NY, **invited seminar***
 - “A vision for the biosciences division”, *Argonne National Laboratory, Lemont IL, **invited seminar***
 - “The molecular ecology of phytoplankton: a tale of two extremes”, *Dept of Ecology and Evolutionary Biology, University of Chicago IL, **invited seminar***

Graduate Students and Postdocs

MSc Degree:

Eitan Romem, Hebrew University, 1991-1992.
Debbie Lindell, Hebrew University (with Prof. E. Padan), 1992-1993.
Ruti Gottlieb, Tel Aviv University (with Dr. Y. Lipkin), 1995-1998.
Aliza Moyal, Tel Aviv University (with Dr. A. Zilberstein), 1997-2000.
Efrat David (with Dr. Boaz Lazar), Hebrew University, 2000-2002 .
Asaf Lipshitz (with Dr. Arik Diamant), Hebrew University, 2002-2004.
Keren Zandbank, Hebrew University, 2002-2005.
Livnat Goldberg, Hebrew University, 2002-2007.
Eli Shachna, Hebrew University, 2002-2007.
Eitan Ben-Moshe, Hebrew University, 2006-2010.
Tuvit Shlomi, University of Wageningen, 2006-2007.
Mark Chernichovski, Hebrew University, 2006-2010.
Branko Rihtman, Hebrew University, 2007-2011.

PhD Degree:

Iris Cohen, Hebrew University, 1997.
Debbie Lindell, Hebrew University, 2001.
Andrea Stihl, University of Kiel, Germany 1999.
Osnat Gil-Or, Hebrew University, 2002.
Nina Kamennaya, Hebrew University, 2010,
Sigrid Penno, Hebrew University, 2011.
Kristen Hunter-Cevera, WHOI-MIT, present.

Postdoctoral Research Associates:

Claudia Fruend, Hebrew University, 1991.
Li Hong, Hebrew University, 1996-1998.
Qingfang Wang, Hebrew University, 1998-2000.
Gabi Banet, Hebrew University, 2000-2002.
Hagit Zer, Hebrew University, 2002-2007 .
Alon Singer, Hebrew University, 2003-2006.
Erin Banning, Marine Biological Lab, 2010-2012
Katherine R.M. Mackey, Marine Biological Lab, present
Tom O. Delmont, Marine Biological Lab, present

PhD Thesis committees:

Orit Barnea (Tel Aviv University, 2004)
Gazalah Sabehi (Technion, 2005)
Nataliya Yutin (Technion, 2006)
Gil Zeidner (Technion, 2006)
Gali Shalev-Alon (Hebrew University, 2007)
Miki Ionescu (Hebrew University, 2008)
Rahel Elevi (Hebrew University, 2008)
Caitleen H. Frame (WHOI-MIT, 2011)
Kristen Hunter-Cevera (WHOI-MIT, present)