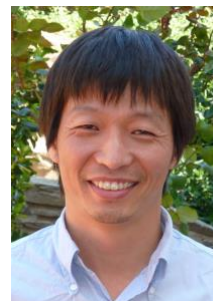


Marcelino T. Suzuki

Biographical Information

Born in São Paulo, Brazil in 05/25/1968. 52 years old. Citizen of Brazil
Current Address: Sorbonne Université - CNRS USR 3579. Observatoire
Océanologique de Banyuls. Avenue Pierre Fabre, Banyuls-sur-Mer F-66650 France.
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Publons <https://bit.ly/2NfHZMn>



Positions Held

01/2014 to present	Director, Sorbonne Université - CNRS Unité Mixte de Service et Recherche Laboratoire de Biodiversité et Biotechnologies Microbiennes (USR3579 LBBM)
09/2012 to present	Professor. Université Pierre et Marie Curie (Paris 6) - UMR 7621. Observatoire Océanologique de Banyuls/Mer - UPMC Laboratoire Arago
01/2011 to 01/2016	Scientific Responsible, Marine Biodiversity and Biotechnology (bio2mar) UMS 2348 Observatoire Océanologique de Banyuls/Mer - Laboratoire Arago UPMC
01/2010 to 12/2013	Head, Microbial Biodiversity and Biotechnology Team. UPMC CNRS UMR 7621. Laboratoire d'Océanographie Microbienne. Observatoire Océanologique de Banyuls/Mer - UPMC Laboratoire Arago
05/2009 to 09/2012	International Chair, Associate Professor. Université Pierre et Marie Curie (Paris 6) - UMR 7621. Observatoire Océanologique de Banyuls/Mer - UPMC Laboratoire Arago
09/2002 to 04/2009	Assistant Professor. Chesapeake Biological Laboratory, University of Maryland Center for Environmental Science
12/2001 to 08/2002	Research Associate. Monterey Bay Aquarium Research Institute
10/1997 to 10/2000	Post-Doctoral Fellow. Monterey Bay Aquarium Research Institute.

Education

1994-1997	College of Oceanic & Atmospheric Sciences - Oregon State University Corvallis, OR. Ph.D., Oceanography.
1990-1994	College of Oceanic & Atmospheric Sciences - Oregon State University, Corvallis, OR. M.Sc., Oceanography.
1986-1990	Fundação Universidade do Rio Grande, Rio Grande, Brazil. - B.Sc. Biological Oceanography.

Individual Fellowships, Recognition

2012	Qualification as University Professor by the Conseil National des Universités (CNU). Equivalence to a Habilitation to Direct Research (HDR)
2002	Faculty of 1000, Biology. Recommended Paper. Critical recognition of Béjà, Suzuki et al. paper in <i>Nature</i> 2002
1995-1996	Oregon Laurels Scholarship
1994-1996	NASA Graduate Student Fellowship for Global Change Research.
1989	Brazilian National Research Council Undergraduate Fellowship.

1987-1988

Brazilian Marine Resources Committee Undergraduate Fellowship

Research Interests

Microbial ecology; marine biotechnology; environmental genomics; application of molecular approaches to the study of environmental microbes; quantification of gene abundance/expression in the environment; molecular phylogenetics; photoheterotrophy in the environment; microbial symbiosis.

Publications

Total: **67**

Research ID - D-3329-2009 – **59** ISI listed publications (July 2020).

Total citations (February 2019): **6086**. Average citations per article: **108.7, 225.4 /yr**

Index-h [Hirsch, JE 2005, PNAS 102:16569-72]: **27** (i.e. 27 publications out of 56 listed at the ISI with at least 27 citations).

Average 5-yr impact factor (2019 JCR): **6.60**. h^2 IF for 2018

67. Bourrain M, **Suzuki MT**, Calvez A, West NJ Lions J, Lebaron P (2020) In-depth prospection of Avène Thermal Spring Water reveals an uncommon and stable microbial community. J Eur Acad Dermatol (in press) **ISI Impact Factor ranked "&H4&" in Dermatology**"

66. Stien D, **Suzuki M**, Rodrigues AMS, Yvin M, Clergeaud F, Thorel E Lebaron, P (2020) A unique approach to monitor stress in coral exposed to emerging pollutants. Scientific Reports 10:9601 <http://dx.doi.org/10.1038/s41598-020-66117-30> **ISI 5yr Impact Factor 4.576 ranked 17/71 in Multidisciplinary Sciences**

65. Reverter M, Sasal P, **Suzuki MT**, Raviglione D, Inguibert N, Pare A, Banaigs B, Voisin SN, Bulet P, Desdevises Y (2020) Characterization of ecto- and endoparasite communities of wild Mediterranean teleosts by a metabarcoding approach. Metabolites 10 **ISI Impact Factor 4.097 ranked 95/297 in Biochemistry and Molecular Biology**

64. Ruiz-Rodríguez M, Scheifler M, Sanchez-Brosseau S, Magnanou E, West N, **Suzuki M**, Duperron S, Desdevises Y (2020) Host Species and Body Site Explain the Variation in the Microbiota Associated to Wild Sympatric Mediterranean Teleost Fishes. Microbial Ecol **ISI 5yr Impact Factor 3.862 ranked 43/168 in Ecology**

63. Gallet A, Koubbi P, Léger N, Scheifler M, Ruiz-Rodríguez M, **Suzuki MT**, Desdevises Y (2020) Characterization of ecto- and endoparasite communities of wild Mediterranean teleosts by a metabarcoding approach. PLoS One 14:e0221475 **ISI 5yr Impact Factor 3.226 ranked 27/71 in Multidisciplinary Sciences**

62. Scheifler M, Ruiz-Rodríguez M, Sanchez-Brosseau S, Magnanou E, **Suzuki MT**, West N, Duperron S, Desdevises Y (2019) Characterization of ecto- and endoparasite communities of wild Mediterranean teleosts by a metabarcoding approach. PLoS One 14:e0221475 **2 citations ISI 5yr Impact Factor 3.226 ranked 27/71 in Multidisciplinary Sciences**

61. Girard, L. Blanchet, E. Stien, D. Baudart, J. **Suzuki, M.**, Lami, R. (2019) Evidence of a Large Diversity of N-acyl-Homoserine Lactones in Symbiotic *Vibrio fischeri* Strains Associated with the Squid *Euprymna scolopes*. Microbes Environ 34:99-103. **2 citations ISI 5yr Impact Factor ranked 81/133 in Microbiology**

60. Girard L, Lantoine F, Lami R, Vouvé F, **Suzuki MT**, Baudart J (2018) Genetic diversity and phenotypic plasticity of AHL-mediated Quorum sensing in environmental strains of *Vibrio mediterranei*. ISME J. 2018 10.1038/s41396-018-0260-4. **3 citations ISI 5yr Impact Factor 10.712 ranked 10/134 in Microbiology**

59. West NJ, D Parrot, C Fayet, L Intertaglia, M Grube⁴, S T and **MT Suzuki** (2018) Marine and Terrestrial Cyano-lichens Harbour Distinct Bacterial Communities Peer J. DOI:10.7717/peerj.5208. **1 citation ISI 5yr Impact Factor 2.81 ranked 32/71 in Multidisciplinary Sciences**
58. Parrot, D., L. Intertaglia, P. Jehan, M. Grube, **M.T. Suzuki**, S. Tomasi (2017) Chemical analysis of the Alphaproteobacterium strain MOLA1416 associated with Lichina pygmaea. *Phytochem* (in press). **4 citations ISI 5yr Impact Factor 3.374 ranked 47/234 in Plant Sciences**
57. Dadon-Pilosof A, Conley K, Jacobi Y, Haber M, Lombard F, Sutherland K, Steindler L, Tikochinski Y, Richter M, Glöckner F, **Suzuki MT**, West N, Genin A, Yahel G (2017) Surface properties of SAR11 bacteria facilitate grazing avoidance. *Nature Microbiol* 2. **14 citations ISI 5yr Impact Factor 16.293 ranked 4/134 in Microbiology.**
56. Antony-Babu S, Stien D, Eparvier V, Parrot D, Tomasi S, **Suzuki MT***. (2017) Multiple *Streptomyces* species with distinct secondary metabolomes have identical 16S rRNA gene sequences. *Sci Rep* 7:11089 DOI:10.1038/s41598-017-11363-1. **18 citations ISI 5yr Impact Factor 4.576 ranked 17/71 in Multidisciplinary Sciences.**
55. Rodrigues AMS, Rohee C, Fabre T, Batailler N, Sautel F, Carletti I, Nogues S, **Suzuki MT**, Stien D (2017) Cytotoxic indole alkaloids from *Pseudovibrio denitrificans* BBCC725. *Tetrahedron Lett* 58:3172-3173. DOI: 10.1016/j.tetlet.(2017).07.005 **4 citations ISI 5yr Impact Factor 1.928 ranked 27/57 in Chemistry, Organic.**
54. Reverter M, Sasal P, Tapissier-Bontemps N, Lecchini D, **Suzuki M.*** (2017) Characterisation of the gill mucosal bacterial communities of four butterflyfish species: a reservoir of bacterial diversity in coral reefs ecosystems. *FEMS Microbiol Ecol* doi:10.1093/femsec/fix051. **5 citations. ISI 5yr Impact Factor 3.862 ranked 43/168 in Microbiology.**
53. Girard L., Blanchet É., Intertaglia L., Baudart J., Stien D., **Suzuki M.**, Lebaron P., Lami R. (2017) Characterization of N-Acyl Homoserine Lactones in *Vibrio tasmaniensis* LGP32 by a Biosensor-Based UHPLC-HRMS/MS Method. *Sensors* 17:906. **9 citations ISI 5yr Impact Factor 3.427 ranked 22/86 in Chemistry, Analytical**
52. Ternon, E, Zarate L, Chenesseau, S, Croué J, Dumollard, R, **Suzuki, MT** and Thomas, O (2016) Spherulization as a process for the exudation of chemical cues by the encrusting sponge *C. crambe*. *Sci Rep* DOI:10.1038/srep29474. **12 citations ISI 5yr Impact Factor 4.576 ranked 17/71 in Multidisciplinary Sciences.**
51. Parrot, D., Legrave, D., Intertaglia, L., Rouaud, I., Legembre, P., Grube, M., **Suzuki, M.T.** and S. Tomasi (2016). Cyaneodimycin a bioactive metabolite isolated from *Streptomyces cyaneofuscatus* associated with *Lichina confinis*. *Eur J Organic Chem* 23:3977-3982. **5 citations ISI 5yr Impact Factor 2.53 ranked 16/57 in Chemistry, Organic**
50. Parrot, D, Legrave, N, Delmail, D, Grube M, **Suzuki, MT** and S Tomasi (2016) Lichen-Associated Bacteria as a Hot Spot of Chemodiversity: Focus on Uncialamycin, a Promising Compound for Future Medicinal Applications *Planta Med.* 82:1143-1152, DOI: 10.1055/s-0042-105571. **11 citations ISI 5yr Impact Factor 2.89 ranked 62/234 in Plant Sciences**
49. **Suzuki, M.T.***, Parrot, D., Berg, G., Grube M. and Tomasi, S. (2015) Lichens as natural sources of biotechnologically relevant Bacteria. *Appl Microbiol Biotechnol* 100:583-595. **20 citations ISI 5yr Impact Factor 3.913 ranked 37/156 in Biotechnology and Applied Microbiology**
48. Parrot, D, Antony-Babu, S, Intertaglia, L, Grube, M, Tomasi, S and **Suzuki, MT*** (2015) Littoral lichens as a novel source of potentially bioactive Actinobacteria, *Sci Rep* 5:15839 DOI: 10.1038/srep15839 **26 citations ISI 5yr Impact Factor 4.576 ranked 17/71 in Multidisciplinary Sciences.**
47. Courties A, Riedel T., Rapaport A, Lebaron P and **Suzuki M.T*** (2015) Light-driven increase in carbon yield is linked to maintenance in the proteorhodopsin-containing *Photobacterium angustum* S14. *Frontiers in Microbiology*, 6:688 DOI: 10.3389/fmicb.(2015).00688 **5 citations ISI Impact Factor 4.926 ranked 34/134 in Microbiology.**

46. Salter, I. Galand, PE, Fagervold, S.K. Lebaron, P., Obernosterer, I., Oliver, M., **Suzuki, M.T.**, Tricoire, C. (2015) Seasonal dynamics of active SAR11 ecotypes in the oligotrophic Northwest Mediterranean Sea, *ISME J* 9:347-360. DOI: 10.1038/ismej.(2014).129. **42 citations ISI 5yr Impact Factor 10.712 ranked 10/134 in Microbiology**
45. Courties A., Riedel T., Jarek M., Papadatou M., Intertaglia L., Lebaron P., **Suzuki M.T.***. (2014) Draft Genome Sequence of the Gammaproteobacterial Strain MOLA455, a Representative of a Ubiquitous Proteorhodopsin-Producing Group in the Ocean. *Genome Announc.* 2(1):e01203-13. 10.1128/genomeA.01203-13.
44. Doberva, M., Sanchez Ferandin, S., Ferandin, Y. Intertaglia, L., **Suzuki, M.**, Lebaron, P., Lami, R. (2014). Genome Sequence of the Sponge-Associated *Ruegeria halocynthiae* Strain MOLA R1/13b, a Marine Roseobacter with Two Quorum-Sensing-Based Communication Systems. *Genome Announc.* (2014) Oct 9;2(5). pii: e00998-14. doi: 10.1128/genomeA.00998-14
43. Genta-Jouve, G, Croué, J., Weinberg, L., Cocandeau, V., Holderith, S., Bontemps, N., **Suzuki, M** and O.P. Thomas. (2014) Two-Dimensional Ultra High Pressure Liquid Chromatography Quadrupole/Time-of-Flight Mass Spectrometry for Semi-Targeted Natural Compounds Identification. *Phytochemistry Letters* 10: 318-323. **4 citations ISI 5yr Impact Factor 1.601 ranked 125/234 in Plant sciences.**
42. Croue, J., West, N.J., Escande, M.L., Intertaglia, L., Lebaron, P., **Suzuki, M.T.*** (2013) A single betaproteobacterium dominates the microbial community of the crambescidine-containing sponge *Crambe crambe*. *Sci Rep* 3:2583. **33 citations ISI 5yr Impact Factor 4.576 ranked 17/71 in Multidisciplinary Sciences.**
41. Courties, A., Riedel, T., Jarek, M., Intertaglia, L., Lebaron, P., **Suzuki, M.T.*** (2013) Genome sequence of strain MOLA814, a proteorhodopsin-containing representative of the Betaproteobacteria common in the Ocean. *Genome Announc* 1(6):e01062-13. doi:10.1128/genomeA.01062-13
40. Fagervold, S.K., Urios, L., Intertaglia, L. Batailler, N., Lebaron, P. **Suzuki, M.T.*** (2012) *Pleionea mediterranea* gen. nov., sp. nov., a gammaproteobacterium isolated from coastal seawater. *Intl. J. Syst Evol. Microbiol*, 63:2700-2705. **7 citations, ISI 5yr Impact Factor ranked 94/133 in Microbiology.**
39. Bodaker, I., **Suzuki, M.T.** Oren, A. and O. Béjà. (2012) Dead Sea rhodopsins revisited. *Environ Microbiol Rep*, doi:10.1111/j.1758-2229.(2012).00377.x. **6 citations. ISI 5yr Impact Factor 3.392 ranked 68/134 in Microbiology.**
38. West, N.J, P Lebaron, P.G. Strutton and **MT Suzuki**. (2011) A novel clade of *Prochlorococcus* found in high nutrient low chlorophyll waters in the South and Equatorial Pacific Ocean, *IMSE J* 5:933-44. **29 citations. ISI 5yr Impact Factor 10.712 ranked 10/134 in Microbiology.**
37. Yao, D., A. Buchan and **M.T. Suzuki***. (2011) In situ Activity of NAC11-7 Roseobacters in Coastal Waters off the Chesapeake Bay based on *ftsZ* Expression. *Environ Microbiol*, 13:1032-1041. **7 citations. ISI 5yr Impact Factor 5.453 ranked 27/134 in Microbiology.**
36. Fontes M.L.S., M.T. **Suzuki, M.T.** Cottrell and P.C. Abreu. (2011). Primary Production in a Subtropical Stratified Coastal Lagoon—Contribution of Anoxygenic Phototrophic Bacteria *Microbial Ecol.* 61:223-237. **12 citations. ISI 5yr Impact Factor 3.862 ranked 43/168 in Microbiology.**
35. Bodaker, I., I. Sharon, **M.T. Suzuki**, R. Feingersch, M. Shmoish, E. Andreishcheva, M.L. Sogin, M. Rosenberg, M.E. Maguire, S. Belkin, A. Oren and O. Béjà. (2010) Comparative community genomics in the Dead Sea, an increasingly extreme environment, *ISME J.* 4:399-407. **64 citations. ISI impact Factor 10.712 ranked 10/134 in Microbiology.**
34. Feingersch, R., **M.T. Suzuki**, M. Shmoish, I. Sharon, G. Sabehi, F. Partensky and O. Béjà. (2010). Microbial community genomics in eastern Mediterranean Sea surface waters. *ISME J.* 4: 78–87. **41 citations. ISI impact Factor 10.712 ranked 10/134 in Microbiology.**
33. Yutin, N., **M.T. Suzuki**, M. Rosenberg, D. Rotem, M.T. Madigan, J. Süling, J.F. Imhoff, and O. Béjà. (2009) *BchY*-based degenerate primers target all types of anoxygenic photosynthetic bacteria in a single PCR reaction. *Appl. Environ. Microbiol* 75:7556-7559. **15 citations. ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**

32. Buchan, A., M. Hadden and **M.T. Suzuki**. (2009) Development and application of quantitative PCR tools for subgroups of the Roseobacter clade. *Appl Environ Microbiol*, 75:7542-7547. **10 citations. ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**
31. Preston, C. M.R. Marin III, S.D. Jensen, J. Feldman, J.M. Birch, E. I. Massion, E. F. DeLong, **M. Suzuki**, K. Wheeler and C.A. Scholin. (2009) Near real-time, autonomous detection of marine bacterioplankton on a coastal mooring in Monterey Bay, California, using rRNA-targeted DNA probes. *Environ Microbiol* 11:1168-1180. **48 citations. ISI 5yr Impact Factor 5.453 ranked 27/134 in Microbiology.**
30. Dyda, R.Y., **M.T. Suzuki**, M. Y. Yoshinaga and H.R. Harvey. (2009) The Response of in-situ Microbial Communities to Diverse Organic Matter Sources in the Arctic Ocean. *Deep Sea Res II* 56:1249-1263. **8 citations. ISI 5yr Impact Factor 2.872 ranked 19/66 in Oceanography.**
29. Kan, J., S.E. Evans, F. Chen and **M.T. Suzuki*** (2008) Novel estuarine bacterioplankton in rRNA operon libraries from the Chesapeake Bay. *Aquat Microbial Ecol* 51:55-66. **34 citations ISI 5yr Impact Factor 2.562 ranked 94/168 in Microbiology.**
28. Béjà, O. and **M.T. Suzuki**. (2008). Photoheterotrophic Marine Prokaryotes, in Kirchman, D.L. ed. *Microbial Ecology of the Oceans*. p. 131-157. Wiley, Hoboken, NJ. 2nd ed.
27. Yutin N., Oded Béjà and **M.T. Suzuki*** (2008) The use of denaturing gradient gel electrophoresis with fully degenerate pufM primers to monitor aerobic anoxygenic phototrophic assemblages. *Limnol. Oceanogr Methods*. 6:427-440. **10 citations. ISI 5yr Impact Factor 2.706 ranked 23/66 in Oceanography.**
26. **Suzuki, M.T.** and O. Béjà (2007). An elusive marine photosynthetic bacterium is finally unveiled. *Proc. Natl. Acad. Sci. U.S.A.* 104:2561-2562. **5 citations. ISI 5yr Impact Factor 10.62 ranked 8/71 in Multidisciplinary Sciences.**
25. Yutin, N., **M.T. Suzuki***, H. Teeling, M. Weber, J.C. Venter, D.B. Rusch and O. Béjà* (2007). Assessing diversity and biogeography of aerobic anoxygenic phototrophic bacteria in surface waters of the Atlantic and Pacific Oceans using the Global-Ocean-Sampling expedition metagenomes. *Environ Microbiol* 9:1464-1475. **120 citations ISI 5yr Impact Factor 5.453 ranked 27/134 in Microbiology.**
24. Kan, J.†, **M.T. Suzuki†**, K. Wang, S.E. Evans and F. Chen. (2007) High Temporal but Low Spatial Heterogeneity of Bacterioplankton in the Chesapeake Bay, *Appl. Environ Microbiol* 73:6776-6789. **51 citations ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**
23. Chen F., K Wang K., Kan, J., **Suzuki, M.T.** and Wommack, E. (2006) Diverse and unique picocyanobacteria in Chesapeake Bay revealed by 16S-23S rRNA internal transcribed spacer (ITS) sequences, *Appl. Environ. Microbiol.* 72:2239-2243. **67 citations. ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**
22. Kerin, E.J. C. C. Gilmour, E. Roden, **M.T. Suzuki**, J. D. Coates, and R. P. Mason (2006). Mercury Methylation by Dissimilatory Iron-Reducing Bacteria. *Appl. Environ. Microbiol.* 72:7919-7921. **315 citations ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**
21. Yutin, N, **M.T. Suzuki** and O. Béjà. (2005) Novel primers reveal a wider diversity among marine aerobic anoxygenic phototrophs. *Appl. Environ. Microbiol.* 71:8598-8962. **56 citations. ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**
20. Sabehi G, Béjà O, **Suzuki MT**, Preston CM, DeLong EF (2004). Different SAR86 subgroups harbour divergent proteorhodopsins. *Environ Microbiol.* 6:903-10. **87 citations. ISI 5yr Impact Factor 5.453 ranked 27/134 in Microbiology.**
19. **Suzuki, M.T†**, C.M. Preston†, O. Béjà, J.R. de la Torre, G.F. Steward and E.F. DeLong. (2004), Phylogenetic screening of ribosomal RNA gene-containing clones in bacterial artificial chromosome (BAC) libraries from different depths in Monterey Bay. *Microb. Ecol*, 48:473-478. **87 citations. ISI ISI 5yr Impact Factor 3.862 ranked 43/168 in Microbiology.** †Authors contributed equally.
18. de la Torre J.R. L.M. Christianson, O. Béjà, **M.T. Suzuki**, D. Karl, J. Heidelberg and E. F. DeLong (2003). Proteorhodopsin genes are distributed among divergent marine bacterial taxa. *Proc. Natl. Acad.*

Sci. U.S.A. 100:12830-12835. **184 citations. ISI 5yr Impact Factor 10.62 ranked 8/71 in Multidisciplinary Sciences.**

17. **Suzuki, M.T.** and E.F. DeLong (2002). Marine Prokaryotic Diversity. In Staley, J.T. and A.L. Reisenbach eds. Biodiversity of Microbial Life: Foundation of Earth's Biosphere. John Wiley & Sons, New York pp. 209-234.

16. Béjà, O., **M.T. Suzuki**, J.F. Heidelberg, W.C. Nelson, C.M. Preston, T. Hamada, J.A. Eisen, C.M. Fraser and E.F. DeLong. (2002). Unsuspected diversity among marine aerobic anoxygenic phototrophs. *Nature*, 415:630-633. **295 citations. ISI 5yr Impact Factor 46.486 ranked 1/71 in Multidisciplinary Sciences.**

15. **Suzuki, M.T.** O. Béjà, L.T. Taylor and E.F. DeLong. (2001). Phylogenetic Analysis of Ribosomal RNA Operons from Uncultivated Coastal Marine Bacterioplankton. *Environ. Microbiol.* 3:323-331. **117 citations. ISI 5yr Impact Factor 5.453 ranked 27/134 in Microbiology.**

14. **Suzuki, M.T.**, C.M. Preston, F.P. Chavez and E.F. DeLong. (2001). Quantitative Mapping of Bacterioplankton Populations in Seawater: Field Tests Across an Upwelling Plume in the Monterey Bay. *Aquat Microbial Ecol* 24:117-127. **98 citations. ISI 5yr Impact Factor 2.562 ranked 94/168 in Microbiology.**

13. Beja O., Aravind L., Koonin E.V., **Suzuki M.T.**, Hadd A., Nguyen L.P., Jovanovich S., Gates C.M., Feldman R.A., Spudich J.L., Spudich E.N., DeLong E.F. (2000). Bacterial rhodopsin: evidence for a new type of phototrophy in the sea. *Science* 289: 1902-1906. **957 citations. ISI 5yr Impact Factor 44.372 ranked 2/71 in Multidisciplinary Sciences.**

12. Béjà, O, **M. T. Suzuki**, E.V. Koonin, L. Aravind, A. Hadd, L.P. Nguyen, R. Villacorta, M. Amjadi, C. Garrigues, S. B. Jovanovich, R. A. Feldman, and E.F. DeLong. (2000). Construction and Analysis of Bacterial Artificial Chromosome libraries from a marine microbial assemblage. *Environ Microbiol* 2: 516-529. **242 citations. ISI 5yr Impact Factor 5.453 ranked 27/134 in Microbiology.**

11. **Suzuki, M.T.**, L.T. Taylor and E.F. DeLong. (2000). Quantitative analysis of small subunit ribosomal RNA genes in mixed microbial populations using 5'-nuclease assays. *Appl. Environ. Microbiol.* 66: 4605-4614. **739 citations. ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**

10. **Suzuki, M.T.*** (1999). Effect of protistan bacterivory on coastal bacterioplankton diversity. *Aquat. Microb. Ecol.* 20:261-272. **63 citations. ISI 5yr Impact Factor 2.562 ranked 94/168 in Microbiology.**

9. **Suzuki, M.**, M.S. Rappe and S.J. Giovannoni. (1998). Kinetic bias in estimates of coastal picoplankton community structure obtained by measurements of small subunit rRNA gene PCR amplicon length heterogeneity *Appl. Environ. Microbiol.* 64:4522-4529. **288 citations. ISI ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**

8. Rappé, M. S., **M.T. Suzuki**, K. L. Vergin and S.J. Giovannoni. (1998). Phylogenetic diversity of ultraplankton plastid small-subunit rRNA genes recovered in environmental nucleic acid samples from the Pacific and Atlantic coasts of the United States *Appl. Environ. Microbiol.* 64: 294-303. **88 citations. ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**

7. **Suzuki, M.T.**, M.S. Rappé, Z.W. Haimberger, H. Winfield, N. Adair, J. Ströbel and S.J. Giovannoni. (1997). Bacterial diversity among SSU rDNA gene clones and cellular isolates from the same seawater sample. *Appl. Environ. Microbiol.*, 63:983-989. **277 citations. ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**

6. **Suzuki, M.T.** and S.J. Giovannoni, (1996). Bias caused by template reannealing in the amplification of mixtures of 16S rRNA genes by PCR (1996). *Appl. Environ. Microbiol.* 62:625-630. **1336 citations. ISI 5yr Impact Factor 4.597 ranked 39/134 in Microbiology.**

5. **Suzuki, M.T.**, E. B. Sherr and B.F. Sherr. (1996). Estimation of ammonium regeneration efficiencies associated with grazing in pelagic food webs via a ¹⁵N tracer method. *J. Plankton Res.* 18: 411-428. **11 citations. ISI 5yr Impact Factor 2.455 ranked 30/66 in Oceanography.**

4. Giovannoni, S.J., M.S. Rappé, D. Gordon, E. Urbach, **M. Suzuki** and K.G. Field. (1996). Ribosomal RNA and the evolution of bacterial diversity, in D.McL. Roberts, P. Sharp, G. Aldreson and M. Collins (ed.). The Evolution of Microbial life p. 63-85. Cambridge Univ. Press, 1st ed.
3. **Suzuki, M.T.**, E.B. Sherr and B.F. Sherr. (1993) DAPI direct counting underestimates bacterial abundance and average cell size compared to AO counting. **Limnol. Oceanogr.** 38:1566-1570. **89 citations. ISI 5yr Impact Factor 4.278 ranked 5/66 in Oceanography.**
2. **Suzuki, M.T.**, A.M. Ciotti & C. Odebrecht. (1991) The effect of formaldehyde and iodine as fixatives for phytoplankton and protozooplankton samples from the southern Brazilian coast. *Nerítica*, 6:65-71.a
1. Yunes, J.S., **M.T. Suzuki**, H.Z. Souza, M.C. Schneider, M.C. & V.R. Werner. (1989). Nitrogen-fixing cyanobacteria from the Patos lagoon estuary: *Nostoc muscorum*. *Ciência & Cultura* 42:375-383.

*Corresponding author

†Equally contributing author

Funding

Past:

1. **National Science Foundation, Division of Ocean Sciences.** Grant OCE-0550547 Collaborative Research: Determining Growth Rates of Specific Bacterioplankton. **Suzuki MT, CoPI** 5/1/2006-4/30/2010. With A. Buchan, Univ. Tennessee Knoxville PI \$262,802
2. **Moore Foundation.** Marine Microbial Genome Sequencing Initiative. Genome sequence of *Thalassiosira* sp. R2A62. September 2007. **Suzuki, MT PI.** \$15,000
3. **Moore Foundation.** Marine Microbial Genome Sequencing Initiative. Genome sequence of *Ahrensia* sp. R2A130 and *Roseobacter* R2A57. May 2008. **Suzuki, MT PI** \$30,000
4. **Agence Nationale de la Recherche SVES7.** RHOMEOProteoRHOdopsin-containing prokaryotes in Marine Environments **Suzuki MT, PI** 5/14/2012-5/13/2014. €270,000
5. **Agence Nationale de la Recherche RPIB.** MALICA Marine Lichens as an innovative source of anti-Cancer drugs. **Suzuki, MT PI** 2/1/2013-1/31/2018 € 570,000
6. **Investissements d'Avenir – LABEX.** CALSIMLAB. Scientific Modelling and Simulation in Research. Guillaume A PI 1/1/2013-31/12/2020. 5,000,000 €. **Suzuki, MT** represents LBBM partner.

Expertise

Panelist for Funding Agencies:

National Science Foundation, 1) Division of Ocean Sciences: Biological Oceanography, 2) Division of Molecular and Cellular Biosciences: Microbial Observatories
NASA, Planetary Protection program, **NASA**, Exobiology, **Georgia Sea Grant**, Research Funding, **Maryland Sea Grant**, Research experiences for undergraduates. Selection 2006, 2007. **ERA-NET Marine Biotechnology**

Panelist in roundtables

Journé Maritimisation 2015. École de Guerre Paris, November 2015
 Région Occitanie, Journée Midinnov (Innovation in Occitanie) January 2017
 Région Occitanie Colloque Microbioccitanie, April 2017

Concours Jury

Professor Section 64-68 Univ. Perpignan Via Domitia, 2014
Maître de Conférences Section 67 Maître de Conférences UPMC 2015
Professor Section 68 Professor UPMC 2015
Maître de Conférences Section 64 Univ. Perpignan Via Domitia 2016
Professor Section 31 Univ. Perpignan Via Domitia 2018
Concours IE CNRS, 2018

Board/Council Membership

2015-2017 Member of the Scientific Council of the CARESE-SU Research Network
2014- Member of the Executive Council of the Doctoral School UPMC-Muséum National d'Histoire Naturelle (MNHN) Doctoral school 227: Sciences de la Nature et de l'Homme: Évolution et écologie
2011-2013 Member of the Scientific committee of the OOB
2014- Member of the Direction, Scientific, and Observatory councils of the OOB

Editorships

2017- Associate Editor for *Peer Journal*
2014- Associate Editor for *Frontiers in Microbiology (Aquatic Microbiology)*
2014- Review Editor for *Frontiers in Marine Science Marine (Marine Biotechnology)*
2011-2013 3rd term member of the Editorial Board of *Applied and Environmental Microbiology*
2007-2010 2nd term member of the Editorial Board of *Applied and Environmental Microbiology*
2004-2006 Member of the Editorial Board of *Applied and Environmental Microbiology*

Conference Scientific Committees

The Microbial View of Biogeochemical Cycles. May 19-21 2010, Banyuls-sur-Mer, France
BAGECO 2011 Conference on Bacterial Genetics and Ecology. May 29 - June 2 2011, Corfu, Greece
GDR MEDiatec General Assembly. October 27-29 2015 Banyuls-sur-Mer France

Conference Session Convener/Organizer

AG GDR MEDiatec 2016 Banyuls sur Mer
BAGECO 2011 Conference on Bacterial Genetics and Ecology. May 29 - June 2 2011, Corfu, Greece
ASLO Aquatic Sciences Meeting 2015. Granada Spain

Invited Presentations:

1. From Microbial Community Structure to Processes: Integrating Molecular Ecology and Biological Oceanography. Department of Ocean Sciences – University of California Santa Cruz. -February 1999.
2. From Microbial Community Structure to Processes: Integrating Molecular Ecology and Biogeochemical Cycles. Institute of Marine Sciences – University of North Carolina at Chapel Hill, Morehead City, NC. February 2000.
3. Quantitative analysis of rRNA genes in Natural Microbial Assemblages using a 5' nuclease assay. ASM 100 General Meeting Symposium: The Y2K Census: Molecular tool for the quantification of microbial populations. Los Angeles, CA, May 2000.
4. Mapping Microbial Diversity in the Ocean. Rosenstiel School of Marine and Atmospheric Sciences - University of Miami, Miami FL, August 2000

5. Mapping Microbial Diversity in the Ocean. Dept. Earth, Marine and Atmospheric Sciences - Old Dominion University, Norfolk, VA, September 2000.
6. Mapping Microbial Diversity in the Ocean. School of Ocean and Earth Sciences – University of Hawaii, Honolulu, HI, April 2001.
7. Application of Quantitative PCR in Microbial Molecular Ecology. Fundação André Tosello. Campinas, SP, Brazil, November 2000.
8. Mapping Microbial Diversity in the Ocean. Instituto Oceanográfico - Universidade de São Paulo. São Paulo, SP, Brazil. November 2001
9. Mapping Microbial Diversity in the Ocean. University of Delaware College of Marine Studies, Lewes, DE, September 2002.
10. Quantitative Molecular Ecology of Marine Microbes. University of Maryland Center for Environmental Science, Horn Point Laboratory, Cambridge, MD, October 2002
11. CSI Oceans: Investigating Aquatic Bacterioplankton Using Molecular Clues. Smithsonian Estuarine Research Center, Edgewater, MD, October 2005
12. Gene Quantification in Microbial Oceanography, University of Tennessee, Knoxville. October 2005
13. CSI Oceans. Uncovering the diversity and activity of aquatic microbes with molecular tools. Dept. Marine Sciences - University of Connecticut. February 2006
14. Diversity and activity of marine bacterioplankton assessed using molecular tools. Canadian Institute of Advanced Sciences – Microbial Diversity Workshop. March 23-26, 2006, Banff, Canada
15. CSI Oceans. Uncovering the diversity and activity of aquatic microbes with molecular tools. Chesapeake Biological Laboratory Distinguished Scholars Seminar Series. November 2007
16. CSI Oceans. Uncovering the diversity and activity of aquatic microbes with molecular tools. Horn Point Laboratory. December 2007
17. CSI Oceans. Uncovering the diversity and activity of aquatic microbes with molecular tools. Appalachian Laboratory. January 2008
18. CSI Oceans. Uncovering the diversity and activity of aquatic microbes with molecular tools. Observatoire Océanologique de Banyuls. September 2009
19. In situ gene expression by marine bacterioplankton at high phylogenetic resolution, Workshop “The Microbial View of Biogeochemical Cycles, Banyuls/Mer May 2010
20. Microbial Diversity, Biotechnology Products and Ocean Biogeochemistry. University of the Balearic Islands, Palma de Mallorca, November 2010
21. No matter how thin you slice it, there are always two sides: Measuring the distribution and activity of marine bacterioplankton at high phylogenetic resolution. BAGECO 2011 Conference. Corfu. June 2011
22. Introduction to Genomics and Metagenomics Techniques and Applications to Microbial Ecology and Biotechnology. MARBIGEN Workshop December 2011
23. Metagenomics as a tool in the understanding of bacteria – sponge symbioses: *Crambe crambe* as a case study. École Thématique en Ecologie Chimique (ETEC2014), Marseille, June 2014.
24. Cycle MARITIMISATION Séminaire de connaissance du Fait Maritime 2/3 Ressources accessibles par la mer. Table ronde : Des exemples de développement de biotechnologie marine. Ecole de Guerre Paris November 2015
25. Microbiology, Environment, Health and Biotechnology. Colloque des Laboratoires IDEX Sorbonne Universités. La Microbiologie dans tous ses états. Paris, January 2016
26. Diversity of marine lichen-associated actinobacteria and their bioactive secondary metabolites. Journée des actinobactéries Lyon Octobre 2017

27. Innovation médicale inspirée du microbiote de lichens : focus sur le projet ANR MALICA. Medical innovation inspired from lichen microbiota: focus on the ANR MALICA project. 3ème symposium AFERP-STOLON (SYMP-AS3), Rennes July 2018

Participation in workshops.

NATO-ASI Molecular Ecology of Aquatic Microbes. August 28-September 9, 1994, Il Ciocco, Italy.

EU MASTIII – MEDEA (Microbial Ecosystem Dynamics) Workshop. July 1-15, 1996, Villefranche-sur-Mer, France.

Roseobacter Genome Users' Workshop, October 6-7, 2003, Rockville MD

Canadian Institute of Advanced Sciences – Microbial Diversity Workshop. March 23-26, 2006, Banff, Canada

FIBR workshop: Do Species Matter in Microbial Communities? July 29 – August 1 2007, Bozeman, MT

CIESM Exploratory Workshop on Mediterranean Marine Biotechnology. September 17-19, 2009, Split, Croatia.

French CNRS Drafting a call for proposals on “Biodiversity and Natural Substances. October 2009, Kourou French Guyana.

The Microbial View of Biogeochemical Cycles. May 19-21 2010, Banyuls-sur-Mer, France

Transregional Collaborative Research Center (TRR 51): Ecology, Physiology and Molecular Biology of the *Roseobacter* clade: Towards a Systems Biology Understanding of a Globally Important Clade of Marine Bacteria. Kick-off Symposium 13 – 15 June 2010, Delmenhorst, Germany

French CNRS Atelier “Omics in Chemical Ecology”. May 2011, Paris, France

French CNRS Atelier “Omics in Chemical Ecology”. June 2011, Paris, France

France-Brazil meeting on Marine Sciences Groupe Mer AllEnvi. 19-23 September 2011

MARBIGEN Workshop on Microbial Diversity, Genomics and Metagenomics, 14-16. December 2011, Heraklion, Greece

BAMMBO – Metabolic Pathways in the Marine Environment. 19 June 2012 Nice, France

Meeting Presentations

1. ECOPEL project (Southern Brazil Pelagic Ecosystem Study) –Phytoplankton I. Literature review of phytoplanktonic organisms of Rio Grande do Sul and Uruguayan coast. Suzuki, M.T. & Odebrecht, C. 40th Annual Meeting of the Brazilian Society for the Advancement of Science, São Paulo, Brazil.

2. The effects of different fixatives on the quantification of phytoplankton of southern Brazilian coast. Suzuki, M.T., Ciotti, A.M. & Odebrecht, C. 1st Oceanography Symposium IOUSP, São Paulo, Brazil.

3. Marine chroococcoid cyanobacteria counts – Effects of sample storage. Suzuki, M.T., Ciotti, A.M. & Odebrecht, C. 1st Oceanography Symposium- IOUSP, São Paulo, Brazil.

4. The ARM assay – A new method for estimating protistan ingestion and ammonium regeneration rates in the sea. Suzuki, M., E.B. Sherr and B.F. Sherr. III Scientific Meeting – The Oceanography Society, Seattle, WA – USA.

5. The influence of protistan bacterivory on bacterioplankton community structure, I Protist exclusion assays. Suzuki, M., B.F. Sherr, E.B. Sherr and S. Giovannoni. 1994 Ocean Sciences Meeting – ASLO / AGU, San Diego, CA, USA.

6. Mechanisms of Bias in the Amplification of the 16S rRNA Gene by PCR. Suzuki. M. & S.J. Giovannoni. VI International Symposium in Aquatic Microbial Ecology. Konstanz – Germany.
7. A comparison between the 16S rRNA of marine bacterioplankton strains isolated from the Oregon coast to those cloned from bulk DNA from the same water samples. Suzuki, M.T., Z.W. Haimberger, M.S. Rappé, H. Winfield, J. Ströbel and S.J. Giovannoni. VII International Symposium on Microbial Ecology, Santos, Brazil.
8. The effect of protistan bacterivory on bacterioplankton community structure. Suzuki, M.T. VIII International Symposium on Microbial Ecology, Halifax, Canada.
9. Quantitative Analysis of Small Subunit Ribosomal RNA Genes in Mixed Microbial Populations Using 5'-nuclease Assays. Suzuki, M.T., L.T. Taylor and E. F. DeLong. 1999 Aquatic Sciences Meeting –ASLO, Santa Fe, NM, USA
10. Spatial and Temporal Dynamics of Uncultivated Prokaryotic Plankton rDNAs in the Monterey Bay Estimated by 5'-Nuclease Assays. Suzuki, M.T. L.T. Taylor and E.F. DeLong. 99th General Meeting of the American Society for Microbiology., Chicago, IL, USA (poster).
11. Phylogenetic analysis of ribosomal RNA operons from uncultivated marine bacterioplankton. Suzuki, M.T, O. Béjà, L.T. Taylor and E.F. DeLong
2000 Ocean Sciences Meeting – ASLO/AGU, San Antonio, TX, USA.
12. A time series of small subunit ribosomal RNA genes from uncultivated picoplankton in Monterey Bay, California. Suzuki, M.T., L.T. Taylor and E.F. DeLong. ASLO 2000 Meeting – Copenhagen, Denmark.
13. Towards absolute quantification of rDNA, rRNA, and expressed genes in natural samples: proteorhodopsin genes and mRNA as a test case. Suzuki, M.T., C. M. Preston, O. Béjà and E. F. DeLong 2003 Aquatic Sciences Meeting – Salt Lake City, UT, USA
14. Rapid, Comprehensive Survey of Ribosomal RNA-Containing Genome Fragments in Coastal Picoplankton BAC Libraries Suzuki, M.T., C. M. Preston, O. Béjà and E. F. DeLong 103rd General Meeting of the American Society for Microbiology, Washington, DC, USA
15. Kan, J., M. Suzuki and F. Chen. Spatial and Temporal Dynamics of Bacterial Community in the Chesapeake Bay. The 103rd General Meeting of American Society for Microbiology, 103rd General Meeting of the American Society for Microbiology, Washington, DC, USA (poster).
16. Fast screening and analysis of Chesapeake Bay bacterioplankton ribosomal RNA operon clone libraries. Suzuki, M.T, J. Kan, F. Chen and S.E. Evans. 10th International Symposium on Microbial Ecology, Cancun, Mexico.
17. Spatial and temporal variations of bacterioplankton in the Chesapeake Bay Revealed by DGGE and clone library analysis. J. Kan, M.T. Suzuki, K. Wang and F. Chen. X International Symposium on Microbial Ecology, Cancun, Mexico.
18. Measuring gene expression by uncultured marine bacterioplankton using real-time PCR. Suzuki, M.T., Shi, Y., Preston, C.M, Sabehi, G, Béjà, O and DeLong, E.F. ASLO 2005 Meeting. Salt Lake City, UT.
19. Diel and spatial gene expression dynamics of novel proteorhodopsins from the Hawai'i Ocean Time Series (HOTS). Shi, Y., Preston, C.M. and Suzuki, M.T. ASLO 2005 Meeting. Salt Lake City, UT.
20. Using lipids and genetic markers to monitor in-situ microbial community growth in Arctic Waters. R.Y. Dyda-Rearick, M. Suzuki, H.R. Harvey. 22nd International Meeting on Organic Geochemistry. Spain
21. *Synechococcus* ecotypes in Chesapeake Bay Revealed by the RuBisCO genes and ITS sequences. Chen, F., K. Wang, J Kan, M.T. Suzuki International Marine Biotechnology Conference, St John's, Canada
22. Yutin N., Suzuki M.T., Shmoish M., Venter J.C., Rush, D.B., Beja O.; Diversity and biogeography of marine aerobic anoxygenic photosynthetic bacteria. The 9th Israeli Bioinformatics Symposium, Bar-Ilan Univ., Ramat-Gan, Israel, October 16, 2006.

23. Yutin N., Guez R., Suzuki M.T., Beja O.; Aerobic anoxygenic photosynthetic communities in East Mediterranean Sea screened by PCR-DGGE with pufM-specific degenerate primers. 158th SGM Meeting, University of Warwick, UK, April 3-6, 2006.
24. Mercury Methylation Among the Dissimilatory Iron-Reducing Bacteria. E. Kerin, C. C. Gilmour, M. T. Suzuki, R. P. Mason. 106th General Meeting of the American Society for Microbiology., Orlando, FL, USA (poster).
25. In situ expression of SAR11-like proteorhodopsins at station ALOHA. Y. Shi, M.A. McManus, C.M. Preston, O. Béjà, E.F. DeLong, M.T. Suzuki 11th International Symposium on Microbial Ecology, Vienna, Austria.
26. Mercury Methylation among the Dissimilatory Iron-Reducing Bacteria Kerin E.J., C.C. Gilmour, M.T. Suzuki, R.P. Mason. 8th International Conference on Mercury as a Global Pollutant. Madison, WI
27. An Update on the Phylogeny of Mercury Methylation among the Sulfate-Reducing Bacteria C.C. Gilmour, E.J. Kerin, S. Werner, M.T. Suzuki, R.P. Mason. 8th International Conference on Mercury as a Global Pollutant. Madison, WI
28. Quantifying gene abundance and expression by marine microbes: What are we really measuring? MT Suzuki, Y Shi, D Yao. 2007 FIBR Workshop: Do Species Matter in Microbial Communities? Bozeman MT
29. Evidence for bacterial mercury methylation at the oxic/anoxic interface of the hypersaline Orca Basin. J Schjiff, A. Heyes, M.T. Suzuki. 2008 Ocean Sciences Meeting, Orlando, FL
30. Yao, D. Suzuki, MT, Buchan A. in situ activity of NAC11-7 roseobacters in coastal waters off the Chesapeake Bay base on of ftsZ gene expression. 2008 ASLO Summer Meeting, St Johns, Canada
31. Croué, J. Intertaglia, L. Lebaron, P and M.T. Suzuki. Isolation of bacteria associated with the marine sponge *Crambe crambe* using acclimatization cultivation. 2010 ESF-COST High-Level Research Conference Marine Biotechnology: Future Challenges, Acquafredda di Maratea, Italy
32. Croué, J. Intertaglia, L. Lebaron, P and M.T. Suzuki. Isolation of bacteria associated with the marine sponge *Crambe crambe* using acclimatization cultivation. 1st International Symposium on Sponge Microbiology, 2011 Würzburg, Germany
- 33 Croué, J, L Intertaglia, M Bourrain, C Vilette, P Lebaron and M T Suzuki. Isolation of bacteria associated with the marine sponge *Crambe crambe* using acclimatization cultivation. General Assembly of the GdR Biochimar, 2011 Paris, France
34. Courties, A. Suzuki, M.T. and P Lebaron. Effects of light on the proteorhodopsin-containing gammaproteobacterium *Photobacterium angustum* S14 under batch and chemostat conditions. Gordon Research Conference, Marine Microbes, 2012 Barga, Italy.
- 35 Croué, J M-L Escanda, N West, L Intertaglia, P Lebaron and MT Suzuki A specific association between a Betaproteobacterium and the crambescidine-containing sponge *Crambe crambe*. General Assembly of the GdR Biochimar, 2012 Gif-sur-Yvette, France.
36. Suzuki, M.T.; Courties, A. and P Lebaron. Effects of light on the proteorhodopsin-containing gammaproteobacterium *Photobacterium angustum* S14 under batch and chemostat conditions. ISME 14, 2012 Copenhagen, Denmark.
37. Parrot D, Intertaglia L., Rohée C., David-Le Gall S., Grube M., Suzuki, MT, Tomasi S. Searching natural bioactive products from lichen-associated bacteria XIV International symposium on Marine Natural Products and 8th European conference on Marine Natural Products (MaNaPro). La Toja – Spain, 15-20 September 2013
38. Intertaglia, L. Suzuki, M.T., Bourrain, M., Lebaron, P. The MOLA Culture Collection of Marine Bacteria. 13th International Conference in Culture Collections (ICCC13). Beijing, China September 2013

39. Parrot D, Intertaglia L, Rohée C, Grube M, Suzuki MT, Tomasi S. Searching natural bioactive products from lichen-associated bacteria. Gordon Research Conferences (GRC), Ventura, California, 2-7 March 2014
40. Parrot D, Intertaglia L, Grube M, Suzuki MT, Tomasi S Lichens : A bacterial hot-spot for the production of bioactive compounds Gordon Research Seminar (GRS), Ventura, California, 1-2 March 2014
41. Antony-Babu, S., Parrot D., Tomasi, S. Bierque E., Intertaglia, L., Lebaron, P. Stien D. & MT Suzuki 16S rRNA-based taxonomy underestimates the diversity of bioactive streptomycetes. 17th International Symposium on the Biology of Actinomycetes October 2014 Kusadasi, Turkey
42. Courties A, Riedel T, Rapaport A, Nielsdottir MC, Caparros J, Catala P, Salmeron C, Lebaron P, **Suzuki MT** Light-driven increase in C yield is linked to maintenance in the proteorhodopsin-containing *Photobacterium angustum* S14. ASLO 2015 Granada February 2015
43. Legrave, N, S Antony-Babu, S Tomasi, P Van de Weghe, F Sautel, **M Suzuki**. Les lichens marins comme source innovante de molécules anticancéreuses. 2mes Journées du GdR MediatEC. October 2015
44. **Suzuki MT**, le Layec, V, Chitlapilly-Dass S, Thomas O, Genta-Jouve G, Perez T, Lami R and Stien D: Genomic analysis of the main bacterial symbiont of the polycyclicguanidine alkaloid-producing sponge *Crambe crambe* 1st International Conference on Holobionts Paris April 2017
45. **Suzuki MT** Marine lichens as an innovative source of microbial anti-cancer drugs” Colloque Microbiocitanie Toulouse, April 2017
- 46 Scheifler M, Ruiz-Rodriguez M, Magnanou E, Sanchez-Brosseau S, **Suzuki MT**, West N, Duperron S and Desdevises Y (2019) Symbiotic communities of wild Mediterranean teleost fish species assessed by a metabarcoding approach. Gordon research Conference “Animal-Microbe Symbioses as Nested Ecosystems”, West Dover, USA. Poster

Mentoring

Post Doctoral/Junior Researcher Supervision

Raphaël Lami, 2009 ATER – Observatoire Océanologique de Banyuls
 Nyree West 2009 post doc – Observatoire Océanologique de Banyuls
 Nithyanand Paramasivan, 2011 ERASMUS Mundus Post Doctoral Observatoire Océanologique de Banyuls
 Sonja Fagervold 2011 – Observatoire Océanologique de Banyuls
 Alice Rodrigues Stien February 2013-2016 Pierre Fabre funding
 Sanjay Antony-Babu April 2013-April 2015 ANR funded, Observatoire Océanologique de Banyuls
 Thomas Riedel, May 2013-April 2014 ANR funded, Observatoire Océanologique de Banyuls
 Sapna Chitlapilly-Dass. July 2013- Observatoire Océanologique de Banyuls
 Joana Bondoso. November 2014-December 2015 Observatoire Océanologique de Banyuls
 Jonathan Sorres. September-December 2016 ANR funded - Observatoire Océanologique de Banyuls
 Dominique Bœuf. September 2019-July 2020 Observatoire Océanologique de Banyuls

Graduate Students:

Students Supervised as Major Advisor:

Yanmei Shi, MSc 2005, CBL
 Elizabeth Kerin; MSc. 2007 CBL.
 Daohong Yao; MSc. 2009 CBL.
 Tristan Kerdraon; Master 2, 2010 OOB – Univ Pierre et Marie Curie
 Julie Croué; Master 2, 2010 OOB – Univ Pierre et Marie Curie

Alicia Courties PhD. October 2010-December 2013 UPMC ED392 Diversité du Vivant
Julie Croué PhD. October 2010-September 2014 UPMC ED392 Diversité du Vivant
Lea Girard PhD. October 2014 – September 2017 UPMC-MNHN ED 227 Sciences de la Nature et de l'Homme :
Évolution et écologie
Victor le Layec Master2 2017– Univ Pierre et Marie Curie
Loïc Bourdon Master2 2019 - Univ La Rochelle

Students Supervised as Co-advisor:

Rima Ouchene, PhD. October 2019 - University of Bejaia, Algeria
Daniela Tizabi, PhD. May 2020 - IMET Univ. Maryland College Park

Graduate Student Committee Memberships

Eli Moore, PhD. CBL – Univ. Maryland College Park
Haifeng Geng, PhD. COMB – Univ. Maryland College Park
Jinjun Kan, PhD. COMB – Univ. Maryland College Park
Rachael Rearick; MSc. CBL – Univ. Maryland College Park
Lisa Waidner, PhD. CMS – Univ Delaware
Xiajun Feng, PhD. COMB – Univ. Maryland College Park
Denise Yost, PhD. CBL – Univ. Maryland College Park
Yannick Eveno PhD – UPMC-MNHN ED 227 2016-
Charifad Daid Hass, PhD – Univ de la Réunion ED STS 2016-
Laurie Bousquet, PhD – UPMC-MNHN ED 227 2016-
Felipe Benites, PhD – UPMC-MNHN ED 227 2017-
Remi Marcellin-Gros, PhD – UPMC-MNHN ED 227 2017-
Mattea Romani, PhD – UPMC-MNHN ED 227 2017-
Mathilde Scheifler – UPMC-MNHN ED 227 2017-
Julie Thomy – UPMC-MNHN ED 227 2017-

Thesis jury

Sara Vieira-Silva, Institute Pasteur, September 2010
Dominique Boeuf, Station Biologique de Roscoff, May 2013
Alicia Courties, Observatoire Océanologique de Banyuls, December 2013
Charlotte Nirma, CNRS, Institute de Chimie des Substances Naturelles, February 2014
Delphine Parrot, INSA et Université de Rennes 1, September 2014
Julie Croué, Observatoire Océanologique de Banyuls, September 2014
Jimmy Mevaere, Museum Nationale d'Histoire Naturelle, November 2016
Lea Girard Université Pierre et Marie Curie, September 2017
Seindé Touré, Institute de Chimie des Substances Naturelles, January 2018
Adèle James, Station Biologique de Roscoff, September 2018
Morgane Barthelmy, Institute de Chimie des Substances Naturelles, Novembre 2019
Damien Piel, Station Biologique de Roscoff, Decembre 2018

Undergraduate/Master Students Supervised.

2003. Sarah E. Evans Hobart and William Smith College
Emily Maung, Old Dominion University (MD Sea Grant REU)
2004. Luiz Guerra. Universidade do Algarve, Portugal
2005. Thaïs Daddario, Rhode Island College (MD Sea Grant REU)
2006. Amanda Klingensmith St. Francis University (MD Sea Grant REU)
2007. Elizabeth Santos. Univ MD. College Park (MD Sea Grant REU)

2009. Kevin Ader. Saint Mary's College of Maryland (Senior Thesis)
 2011. Maria Papadatou Erasmus Mundus, University of the Aegean, Greece
 2011. Gaëlle Hogrel M1, Institut National des Sciences Appliquées de Toulouse (INSAT)
 2012. Aljoscha Kindermann, Erasmus Mundus, University of Freiburg, Germany
 2013. Amandine Vergnac M1 UPMC
 2014. Emilie Bierque M1 UPMC
 2015. Chloë Cebula, BTS Lycée Mermoz, Montpellier.
 2016. Saurabh Srivastava, Indian Institute of Technology Delhi, India
 2017. Astrid Thiry, Ecole Nationale Supérieure de Technologie des Biomolécules de Bordeaux
 2018. Elise Crossay, UFR de Pharmacie, Université de Nantes
 2018. Sofia Rigou, M1 Sorbonne Université

Other Students Supervised:

Marcos Yoshinaga, PhD. Universidade de São Paulo. International Exchange Fellowship.
 Maria Luiza Fontes. PhD. Universidade do Rio Grande. International Exchange Fellowship.
 Delphine Parrot, PhD. Univ Rennes. Internship
 Iftkhar Ahmed. PhD. Univ Tokyo Japan. ASM International Mentorship Program
 Eugenio Rastelli. Undergr. University of Ancona Italy. ASM International Mentorship Program
 Jonatan Campillo, PhD. Univ Murcia. Internship

Interns.

2006. Traci Wasson, High School Science Teacher, Tuscarora High School, Frederick MD

Reviews for:

Journals (161 total):

Applied and Environmental Microbiology (111) Environmental Microbiology/Environmental Microbiology Reports, (13) ISME Journal (9) Limnology and Oceanography (5), Limnology and Oceanography Methods (2), Aquatic Microbial Ecology (7), Journal of Phycology (1), Archiv für Hydrobiologie (1), Microbial Ecology (2), Geomicrobiology Journal (1), Continental Shelf Research (1), Microbial Biotechnology (1), Marine Biology (1), Harmful Algae (1), J Bacteriol (1), Research in Microbiology (1) Frontiers in Marine Biotechnology (1) Aquatic Microbiology and Biotechnology (1) Frontiers in Microbiology (1) Microbiology Open (1)

Funding Agencies (27 total):

National Science Foundation (19), NOAA (1) Army Research Office (1), National Environment Research Council (U.K.) (3), National Sea Grant (2), Netherlands Organization for Scientific Research (2), Israeli Science Foundation (1) Austrian FWF (1)

Academic and professional societies membership

1991-present	American Society of Limnology and Oceanography
1999-present	International Society for Microbial Ecology

Research Cruises (24 total):

RV Atlântico Sul - March 5-7, 1988 - Lagoa dos Patos project. Chief scientist: Dr. L.F. Niechenski.
RV Atlântico Sul - September 6-19, 1988 - ECOPEL project. Chief scientist: Lic. J.P. Castello.
RV Atlântico Sul - February 5-20, 1990 - ECOPEL project. Chief scientist: Lic. J.P. Castello.
RV Wecoma - September 18-August 2, 1991 - Fluorescence cruise. Chief Scientist: Dr. T. Cowles.
RV Wecoma - August 10-19, 1992 – Protist herbivory cruise. Chief Scientist: Dr. L. Shapiro

RV NOAA Discoverer - September 10 - October 7, 1992 - EPOCS cruise leg 4. Chief Scientist: Dr. R. Feely.

RV NOAA Discoverer - October 14 - November 18, 1992 - EPOCS cruise leg 5. Chief Scientist: Dr. R. Wannikoff.

RV Gyre - May 10-17, 1993 - DOE Coastal Margins Cruise. Chief Scientist. Dr. Paul Kemp.

RV Wecoma - September 2-9, 1993 - Columbia River Plume Cruise. Chief Scientist Dr. F. Prahl.

RV Columbus Iselin - March 25-April 3, 1994. DOE Coastal Margins Cruise. Chief Scientist: Dr. G-A. Paffenhöfer.

RV Endeavor - March 11-21, 1996. DOE Coastal Margins Cruise. Chief Scientist: Dr. G-A. Paffenhöfer.

RV Point Lobos and RV Point Sur, 1997-2002. Seven 1-day MBARI-CTD cruises Chief Scientist: Dr. J.T. Pennington

RV Kilo Moana – December 12-16, 2002. HOT Photoheterotrophy Cruise. Chief Scientist: Dr. Robert Bidigare

RV Cape Henlopen – May 1-7, 2005. Chesapeake Bay Mercury Cruise. Chief Scientist: Dr. Rob Mason

RV Cape Hatteras – July 9-16 2005. Chesapeake Bay Mercury Cruise. Chief Scientist: Dr. Rob Mason

RV Cape Henlopen – August 30-September 6 2005. Chesapeake Bay Mercury Cruise. Chief Scientist: Dr. Cindy Gilmour

RV Cape Hatteras – July 7-16 2006. Chesapeake Bay Mercury Cruise. Chief Scientist: Dr. Rob Mason

RV Hugh Sharp – July 15-19 2007 Biological Oceanography Grant. Co Chief scientist with A. Buchan

Service:

- 1996 – Library Committee – COAS, OSU
- 2003 – Library Committee – CBL
CBL Seminar Series Organizer
- 2004 – Library Committee – CBL
- 2005 – Library Committee – CBL
Led committee drafting RFP for a Master Contract between Applied Biosystems and the University of Maryland, College Park
Faculty Search Committee: Environmental Chemistry
- 2006 – Library Committee – CBL
UMCP, Marine Estuarine and Environmental Science Program: Curriculum reformulation committee
CBL Brown Bag Seminar.
- 2007 – Library Committee – CBL. Coordinated journal subscription restructuring
- 2010-2011 Observatory Council. Observatoire Océanologique de Banyuls
- 2011 – Scientific Council. Observatoire Océanologique de Banyuls
- 2014 – Observatory Council. Observatoire Océanologique de Banyuls
- 2014 – Selection committee: Section 64-68 Univ. Perpignan Via Domitia
- 2015 – Selection committee: Section 67 Maître de Conférences UPMC
- 2015 – Selection committee: Section 68 Professor UPMC
- 2015 – Scientific council: CARESE-SU network
- 2015 – Direction College : Observatoire Oceanologique de Banyuls-sur-Mer
- 2016 – Selection committee: Section 64 Maître de Conférences Univ. Perpignan Via Domitia
- 2018 – Selection committee: Section 31 Professor Univ. Perpignan Via Domitia

Community Outreach:

- 2004 – Lecture to students in the Multicultural Students at Sea Together (MAST) at CBL.
- 2005 – Lecture to CBL Visitor's Center docents, and the MD Sea Grant REU students at CBL.
- 2008 – US girl scouts Day of Thinking
- 2015 – OOB Open House
- 2016 – OOB Open House
- 2016 – Lecture to Public at Large : Les Mercredis de la Connaissance. Le soin par l'inaperçu : les actifs issus de micro-organismes environnementaux

Teaching:

- Fall 1996 Lecturing GTA - OC331 Introd to Oceanography - Biological Oceanography.
- Winter 1997 Lecturing GTA - OC331 Introd to Oceanography - Biological Oceanography.
- Winter 2003,2005/2007 Responsible Molecular Techniques in Environmental Sciences
- Spring 2004,2006/2008 Responsible – Aquatic Microbial Ecology
- Spring 2005 MEES608V – Ecology Seminar
- Fall 2006 MEES608T – Environmental Chemistry Seminar
- Fall 2009-2013 BIOVAL Course - Lecture: Genomic Techniques for Microbial Biodiversity
- Fall 2009-2013 PHYSEMAR Course - Lecture: Photoheterotrophy in the Ocean, Practical: blast
- Fall 2009-2011 Bacterial Diversity and Ocean Biogeochemistry– Lecture/Practical: Bioinformatics
- Fall 2010-2013 Course responsible: Environmental Monitoring (6 CR)
- Fall 2012- Course responsible: Bioinformatics Applied to Microbial Ecology (3 CR)
- Spring 2013 Courses and Practical UPMC International School in Marine Biology and Ecology. Arraial do Cabo, Brazil
- Fall 2013 QUALECO Course – Lecture : Molecular Methods applied to microbial detection
- Fall 2013- 20 h on Professional Placement (Integrative Biology MS Program)
- Fall 2013- 20 h on Professional Placement (Earth Sciences/Ecology MS Program)

Spring 2014- Course responsible: Monitoring the quality of marine waters (6 CR)
 Fall 2014- GENOVAL Course – Lectures: Genomic Techniques for Microbial Biodiversity, Secondary Metabolite Biosynthesis, Proposal Writing
 Fall 2014- BIORHYTHMS Course - Lecture: Photoheterotrophy in the Ocean, Practical: blast
 Fall 2014- B2M2 Course - Lectures on Biosynthesis of Natural Products
 Fall 2014- MICROMOL Course - Lecture: Photoheterotrophy in the Ocean, Genomics and Transcriptomics of Marine Bacterioplankton.
 Fall 2014- 20 h on Professional Placement (Integrative Biology MS Program)
 Fall 2014- 20 h on Professional Placement (Earth Sciences/Ecology MS Program)
 Spring 2014- Course responsible: Monitoring the quality of marine waters (6 CR)
 Fall 2015- GENOTECH Course – Lectures: Genomic Techniques for Microbial Biodiversity, Secondary Metabolite Biosynthesis, Proposal Writing
 Fall 2015- BIORHYTHMS Course - Lecture: Photoheterotrophy in the Ocean, Practical: blast
 Fall 2017- B2M2 Course - Lectures on Biosynthesis of Natural Products
 Fall 2015- MICROMOL Course - Lecture: Photoheterotrophy in the Ocean, Genomics and Transcriptomics of Marine Bacterioplankton.
 Fall 2015- PHYMICRO Course. Lecture and Practical in Chemostats
 Fall 2015- 20 h on Professional Placement (Integrative Biology MS Program)
 Fall 2015- 20 h on Professional Placement (Earth Sciences/Ecology MS Program)
 Spring 2015- Course responsible: Monitoring the quality of marine waters (6 CR)
 Spring 2016- ADAPHYL Course – Participation in Practical courses in Molecular Phylogeny
 Spring 2016- MICROENV Course – Lectures and Practical in Bioinformatics and Biotechnology
 Fall 2016- GENOTECH Course – Lectures: Genomic Techniques for Microbial Biodiversity, Secondary Metabolite Biosynthesis, Proposal Writing
 Fall 2016- BIORHYTHMS Course - Lecture: Photoheterotrophy in the Ocean, Practical: blast
 Fall 2017- B2M2 Course - Lectures on Biosynthesis of Natural Products
 Fall 2016- MICROMOL Course - Lecture: Photoheterotrophy in the Ocean, Genomics and Transcriptomics of Marine Bacterioplankton.
 Fall 2016- PHYMICRO Course. Lecture and Practical in Chemostats
 Fall 2016- 20 h on Professional Placement (Integrative Biology MS Program)
 Fall 2016- 20 h on Professional Placement (Earth Sciences/Ecology MS Program)
 Spring 2017- Course responsible: Monitoring the quality of marine waters (6 CR)
 Spring 2017- ADAPHYL Course – Participation in Practical courses in Molecular Phylogeny
 Spring 2017- DEMO Course – Lectures and Practical in Bioinformatics and Biotechnology
 Fall 2017- GENOTECH Course – Lectures: Genomic Techniques for Microbial Biodiversity, Secondary Metabolite Biosynthesis, Proposal Writing
 Fall 2017- BIORHYTHMS Course - Lecture: Photoheterotrophy in the Ocean, Practical: blast
 Fall 2017- B2M2 Course - Lectures on Biosynthesis of Natural Products
 Fall 2017- MICROMOL Course - Lecture: Photoheterotrophy in the Ocean, Genomics and Transcriptomics of Marine Bacterioplankton.
 Fall 2017- PHYMICRO Course. Lecture and Practicals in Chemostats
 Fall 2017- 20 h on Professional Placement (Integrative Biology MS Program)
 Fall 2017- 20 h on Professional Placement (Earth Sciences/Ecology MS Program)
 Winter 2018 Course/Practical Metabarcoding : Biodiversity Evolution Environment MS)
 Spring 2018- Course responsible: Monitoring the quality of marine waters (6 CR)
 Spring 2018- ADAPHYL Course – Participation in Practical courses in Molecular Phylogeny
 Spring 2018- DEMO Course – Lectures and Practical in Bioinformatics and Biotechnology
 Fall 2018- GENOTECH Course – Lectures: Genomic Techniques for Microbial Biodiversity, Secondary Metabolite Biosynthesis, Proposal Writing
 Fall 2018- BIORHYTHMS Course - Lecture: Photoheterotrophy in the Ocean, Practical: blast
 Fall 2018- B2M2 Course - Lectures on Biosynthesis of Natural Products
 Fall 2018- MICROMOL Course - Lecture: Photoheterotrophy in the Ocean, Genomics and Transcriptomics of Marine Bacterioplankton.
 Fall 2018- PHYMICRO Course. Lecture and Practical in Chemostats
 Fall 2018- 20 h on Professional Placement (Integrative Biology MS Program)

Fall 2018- 20 h on Professional Placement (Earth Sciences/Ecology MS Program)
 Winter 2018 Course/Practical Metabarcoding : Biodiversity Evolution Environment MS)
 Fall 2019- GENOTECH Course – Lectures: Genomic Techniques for Microbial Biodiversity,
 Secondary Metabolite Biosynthesis, Proposal Writing
 Fall 2019- BIORHYTHMS Course - Lecture: Photoheterotrophy in the Ocean, Practical: blast
 Fall 2019- B2M2 Course - Lectures on Biosynthesis of Natural Products
 Fall 2019- MICROMOL Course - Lecture: Photoheterotrophy in the Ocean, Genomics and
 Transcriptomics of Marine Bacterioplankton.
 Fall 2019- PHYMICRO Course. Lecture and Practical in Chemostats
 Fall 2019- 20 h on Professional Placement (Integrative Biology MS Program)
 Fall 2019- 20 h on Professional Placement (Earth Sciences/Ecology MS Program)
 Winter 2020 Course/Practical Metabarcoding : Biodiversity Evolution Environment MS)
 Spring 2020- Course responsible: Monitoring the quality of marine waters (6 CR)
 Spring 2020- ADAPHYL Course – Participation in Practical courses in Molecular Phylogeny
 Spring 2020- DEMO Course – Lectures and Practical in Bioinformatics and Biotechnology