

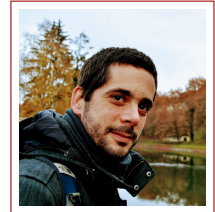
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I use computational tools to understand how marine microbial communities are shaped and respond to environmental change.

Publications

- 2019 **Scaling of species distribution explains the vast potential marine prokaryote diversity**, Victor M. Eguíluz, ****Guillem Salazar****, Juan Fernández-Gracia, John K. Pearman, Josep M. Gasol, Silvia G. Acinas, Shinichi Sunagawa, Xabier Irigoien, Carlos M. Duarte, Scientific Reports.
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- 2019 **Global Trends in Marine Plankton Diversity across Kingdoms of Life**, Federico M. Ibarbalz, Nicolas Henry, Manoela C. Brandão, Séverine Martini, Greta Busseni, Hannah Byrne, Luis Pedro Coelho, Hisashi Endo, Josep M. Gasol, Ann C. Gregory, Frédéric Mahé, Janaina Rigonato, Marta Royo-Llonch, ****Guillem Salazar****, Isabel Sanz-Sáez, Eleonora Scalco, Dodji Soviadan, Ahmed A. Zayed, Adriana Zingone, Karine Labadie, Joannie Ferland, Claudie Marec, Stefanie Kandels, Marc Picheral, Céline Dimier, Julie Poulain, Sergey Pisarev, Margaux Carmichael, Stéphane Pesant, Marcel Babin, Emmanuel Boss, Daniele Iudicone, Olivier Jaillon, Silvia G. Acinas, Hiroyuki Ogata, Eric Pelletier, Lars Stemmann, Matthew B. Sullivan, Shinichi Sunagawa, Laurent Bopp, Colomban de Vargas, Lee Karp-Boss, Patrick Wincker, Fabien Lombard, Chris Bowler, Lucie Zinger, Silvia G. Acinas, Marcel Babin, Peer Bork, Emmanuel Boss, Chris Bowler, Guy Cochrane, Colomban de Vargas, Mick Follows, Gabriel Gorsky, Nigel Grimsley, Lionel Guidi, Pascal Hingamp, Daniele Iudicone, Olivier Jaillon, Stefanie Kandels, Lee Karp-Boss, Eric Karsenti, Fabrice Not, Hiroyuki Ogata, Stéphane Pesant, Nicole Poulton, Jeroen Raes, Christian Sardet, Sabrina Speich, Lars Stemmann, Matthew B. Sullivan, Shinichi Sunagawa, Patrick Wincker, Cell.
- 2019 **Consistent host and organ occupancy of phyllosphere bacteria in a community of wild herbaceous plant species**, Julien Massoni, Miriam Bortfeld-Miller, Ludwig Jardillier, ****Guillem Salazar****, Shinichi Sunagawa, Julia A. Vorholt, The ISME Journal.
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- 2015 **Particle-association lifestyle is a phylogenetically conserved trait in bathypelagic prokaryotes**, ****Guillem Salazar****, Francisco M. Cornejo-Castillo, Encarna Borrull, Cristina Díez-Vives, Elena Lara, Dolors Vaqué, Jesús M. Arrieta, Carlos M. Duarte, Josep M. Gasol, Silvia G. Acinas, Molecular Ecology.
- 2015 **Global diversity and biogeography of deep-sea pelagic prokaryotes**, ****Guillem Salazar****, Francisco M. Cornejo-Castillo, Verónica Benítez-Barrios, Eugenio Fraile-Nuez, X. Antón Álvarez-Salgado, Carlos M. Duarte, Josep M. Gasol, Silvia G. Acinas, The ISME Journal.

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- 2013 **Marked seasonality of aerobic anoxygenic phototrophic bacteria in the coastal NW Mediterranean Sea as revealed by cell abundance, pigment concentration and pyrosequencing of pufM gene**, *Isabel Ferrera, Carles M. Borrego, **Guillem Salazar**, Josep M. Gasol*, Environmental Microbiology.
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- 2010 **Why are there so many kinds of planktonic consumers? The answer lies in the allometric diet breadth**, *Carmen Rojo, **Guillem Salazar**, Hydrobiologia.*
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