

## Thomas Lefort



Born in Clichy (France) on 05/02/1978

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**Current Position:** Post Doc.

Supervisor: Raffaella Casotti

Appointed on project: <IRMA>

### **Affiliation:**

Integrative Marine Ecology Department

Stazione Zoologica Anton Dohrn, Naples (Italy)

### **Education/Training/Experience**

<b>Institute and Location</b>	<b>Degree / Function</b>	<b>Year</b>	<b>Field of Study</b>
Université Pierre et Marie Curie, PARIS VI, PARIS	Master	2005	Molecular and Cellular Biology
Institut de Ciències del Mar-CMIMA, CSIC, Barcelona, SPAIN	Research assistant	2006-2007	Marine Microbial Ecology
Institut de Ciències del Mar-CMIMA, CSIC, Barcelona, SPAIN	Ph.D.	2007-2012	Marine Microbial Ecology
Station océanologique de Banyuls-sur-mer, France	Postdoc	2013-2014	Ecotoxicology and Marine Microbial Ecology

### **Appointments and awards**

2007: "METAOCEANS" MARIE-CURIE Host Fellowship for Early-Stage-Training

### **Publications**

Author of 10 publications on ISI-journals

***List of publications of the last 10 years:***

***Journal Papers***

Alonso-Sáez L, Gasol JM, Lefort T, Höfer J, Sommaruga R. (2006). Effect of Natural Sunlight on Bacterial Activity and Differential Sensitivity of Natural Bacterioplankton Groups in Northwestern Mediterranean Coastal Waters. *Applied and Environmental Microbiology* 72: 5806-5813.

Massana R, Unrein F, Rodríguez-Martínez R, Forn I, Lefort T, Pinhassi J, Not F. (2009). Grazing rates and functional diversity of uncultured heterotrophic flagellates. *ISME J.* 3(5): 588-96.

Lekunberri I, Lefort T, Romero E, Vázquez-Domínguez E, Romera-Castillo C, Marrasé C, Peters F, Weinbauer M, Gasol JM. (2010). Effects of a dust deposition event on coastal marine microbial abundance and activity, bacterial community structure and ecosystem function. *Journal of Plankton Research* 32, 381-396.

Ruiz-González C, Galí M, Lefort T, Cardelús C, Simó R, Gasol JM. (2012). Annual variability in light modulation of bacterial heterotrophic activity in surface Northwestern Mediterranean waters. *Limnology and Oceanography*, 57(5), 1376-1388. DOI: 10.4319/lo.2012.57.5.1376

Lekunberri I, Lefort T, Cardelús C, Ruiz-González C, Marrasé C, Gasol JM. (2012). Relationship between induced phytoplankton blooms and the structure and dynamics of the free-living heterotrophic bacterial community. *Marine Ecology Progress Series*, 448, 23-37.

Ruiz-González C, Lefort T, Galí M, Sala M, Sommaruga R, Simó R, Gasol JM. (2012). Seasonal patterns in the sensitivity to sunlight of bacterioplankton from Mediterranean surface coastal waters. *FEMS Microbiology Ecology*, 79, 661-674.

Ruiz-Gonzalez C, Lefort T, Massana R, Simó R, Gasol JM. (2012). Diel changes in bulk and single-cell bacterial heterotrophic activity in winter surface waters of the Northwestern Mediterranean Sea. *Limnology and Oceanography*, 57, 29-42.

Galí M, Ruiz-González C, Lefort T, Gasol JM, Cardelús C, Romera-Castillo C, Simó R. (2013). Spectral irradiance dependence of sunlight effects on plankton dimethylsulfide production, *Limnology and Oceanography*, 58 (2), 489-504.

Lefort T, Gasol JM. (2013). Global-scale distributions of marine surface bacterioplankton groups along gradients of salinity, temperature, and chlorophyll: a meta-analysis of fluorescence in situ hybridization studies. *Aquatic Microbial Ecology*, 70, 111-113. DOI: 10.3354/ame01643

Lefort T, Gasol JM. (2014). Short-time scale coupling of picoplankton community structure and heterotrophic activity in winter coastal NW Mediterranean Sea. *Journal of Plankton Research*, 0(0): 1–16. DOI:10.1093/plankt/fbt073

***Papers submitted or in preparation***

Lefort T, Balestra C, Not F, Probert I, Marie D, Casotti R and Gasol JM. Direct determination of carbon-conversion factors for ecologically relevant photosynthetic picoeukaryotes. (In prep.)

Lefort T, Ruiz-González C, Sommaruga R, Gasol JM. Patterns in picoplankton community structure: Multi-scale variability in the NW Mediterranean Sea. (In prep.)

Lefort T, Ghiglione JF. Transcriptomic analysis of acclimation to osmotic stress in *Marinobacter hydrocarbonoclasticus* (In prep.)