

# Production scientifique du programme ANR ECIMAR

Etat au 1<sup>er</sup> Octobre 2011

Communications à congrès - Conférences					
WP1, WP2	Pyrrrole-2-Aminoimidazole Marine Metabolites: Isolation and Biomimetic Synthesis Convergence	Al-Mourabit A., Vergne C., Pérez T., Martin M.T., Adeline M.T.	3-ICSN, 5-DIMAR	Mars 2007	233rd American Chemical Society National Meeting, Chicago, USA
WP1, WP3	Marine organisms and secondary metabolites: from chemical ecology to biotechnology	Banaigs B.	4-UPVD	Juin 2007	4th International Symposium Cosm'ing 07, St Malo, France
WP3	Sponge chemical defences in stress conditions: the case study of the last disease outbreak observed in the NW Mediterranean	Thomas O.P., Sarrazin S., Ivanisevic J., Amade P., Pérez T.	1-UNSA, 5-DIMAR	Septembre 2007	5th European Conference on Marine Natural Products, Ischia, Italie
WP1, WP3	Secondary metabolism of the sponge group Homoscleromorpha : diversity and variation of its expression in relation with biotic and abiotic factors	Ivanisevic J., Thomas O., Pérez T.	1-UNSA, 5-DIMAR	Septembre 2007	5th European Conference on Marine Natural Products, Ischia, Italie
WP1	Pyridoacridine alkaloids within purple morphs of Cystodites spp. (Ascidacea: Polycitoridae)	Bontemps-Subielos N., Simon-Levert A., Lopez-Legentil S., Banaigs B.	4-UPVD	Septembre 2007	5th European Conference on Marine Natural Products, Ischia, Italie
ECIMAR	Marine Natural Products: The French case and the ECIMAR program	Thomas O.	1-UNSA	Mars 2008	1er Encuentro internacional en biotecnologia Medellin, Colombia
WP1	Isolation of simple indole derivatives from the mediterranean gorgonian <i>Paramuricea clavata</i>	Pérez N., Mokrini R., Pérez T., Culioli G.	5-DIMAR, 7-USTV	Avril 2008	4èmes Journées franco-italiennes de chimie, Nice, France
ECIMAR	Bioactive marine natural products; from ecology to pharmacology.	Simon-Levert A., Banaigs B.	4-UPVD	Mai 2008	22èmes Journées Franco-Belges de Pharmacochimie à Caen, France
WP2	Novel 3-alkylpyridiniums from Haplosclerida marine sponges	Thomas O.	1-UNSA	Juillet 2008	IUPAC conference on biodiversity and Marine Natural Products, Charlottetown, Canada
WP2	Isolation and biomimetic synthesis of alkaloids from <i>Parazoanthus axinellae</i>	Mehiri M.	1-UNSA	Juillet 2008	IUPAC conference on biodiversity and Marine Natural Products, Charlottetown, Canada
ECIMAR	Chemodiversity of the Mediterranean Sea : the ECIMAR network	Thomas O.	1-UNSA	Août 2008	Symposium on Biotechnology, Bogota Colombia
WP1 & 3	Chemical defense of marine organisms against biofouling explored with an adhesion bacteria bioassay	Camps M., Dombrowsky L., Viano Y., Blache Y., Briand J.-F.	7-USTV	Septembre 2008	13 <sup>th</sup> France-Japan Oceanography Symposium, Marseille, France
WP3	Concentrations of natural products are associated with certain bacterial types in the sponge <i>Aplysina aerophoba</i>	Sacristán-Soriano O, Banaigs B, Casamayor EO, Becerro MA	8/9 CEAB	Septembre 2008	43rd European Marine Biology Symposium, Azores, Portugal
WP 1	Quel bioessai pour évaluer l'activité antifouling ?	Camps M., Dombrowsky L., Culioli G., Blache Y. & Briand J.-F.	7-USTV	Novembre 2008	3 <sup>èmes</sup> Journées Scientifiques Euroméditerranéennes, Toulon, France
WP3	Les cyanobactéries symbiontes d'éponges participent-elles à la protection de leur hôte contre le biofouling ?	Bendaoud A., Ortalo-Magne A., Dombrowsky L., Blache Y. & Briand J.-F.	7-USTV	Novembre 2008	3 <sup>èmes</sup> Journées Scientifiques Euroméditerranéennes, Toulon, France
WP1, WP3	Assessing the Mediterranean biodiversity and effects of environmental changes: secondary metabolites as bioindicators	Pérez T., J. Ivanisevic, N. Pérez, G. Culioli, O. Thomas	1-UNSA, 5-DIMAR, 7-USTV	Novembre 2008	<b>Conférence invitée</b> - 1 <sup>st</sup> Euro-Mediterranean Conference on Marine Natural Products (EMCMNP-I), Sharm El Sheikh, Egypte
WP2	Pyrrrole-2-Aminoimidazole Metabolites from Sponges: What's behind structures and Reactivity	Al-Mourabit A.	3-ICSN	Novembre 2008	<b>Conférence invitée</b> – 1st Euro-Mediterranean Conference on Marine Natural Products (EMCMNP-I), Sharm El Sheikh, Egypte)
WP1, WP3	Secondary metabolism of the sponge group Homoscleromorpha : diversity and variation of its expression in relation to biotic and abiotic factors.	Ivanisevic J., Thomas O., Ereskovsky A.V., Pérez T.	1-UNSA, 5-DIMAR	Novembre 2008	World Conference on Marine Biodiversity, 11-15 November 2008, Valence, Espagne

WP1, WP2, WP3	New alkaloids from two Mediterranean cnidarians	Thomas O.P., Cachet N., Culioli G., Mokriani R., Pérez T., Mehiri M.	1-UNSA, 5-DIMAR, 7-USTV	Novembre 2008	World Conference on Marine Biodiversity, 11-15 November 2008, Valence, Espagne
WP2, WP3	Genetic and bacterial diversity of the endangered sponge <i>Spongia agaricina</i>	Noyer C., Becerro M.A., Uriz M.J., McKenzie D.	8- CEAB	Novembre 2008	World Conference on Marine Biodiversity, 11-15 November 2008, Valence, Espagne
WP1	Overview on Homoscleromorpha sponges diversity in the Mediterranean	Ereskovsky A., Ivanisevic J., Pérez T.	1-DIMAR	Janvier 2009	1 <sup>st</sup> Symposium for the conservation of coralligenous and other calcareous bioconstructions of the Mediterranean Sea, Tabarka, Tunisie
ECIMAR	Biodiversité marine et médicament ; de l'écologie chimique à la pharmacochimie	B. Banaigs	4-UPVD	Février 2009	<b>Conférence invitée</b> Académie nationale de Pharmacie, Paris
WP1	Synthèse et étude de relations structure-activité d'analogues terpéniques à visée antifouling	Sall C., M. Camps, L. Dombrowsky, Y. Blache	7-USTV	Avril 2009	21ème Journée de la Société Chimique de France, Marseille
WP1	Caractérisation chimique de la gorgone méditerranéenne <i>Paramuricea clavata</i>	Pérez N., G. Culioli, T. Perez, Y. Blache	7-USTV	Avril 2009	21ème Journée de la Société Chimique de France, Marseille
WP1	Des composés diterpéniques d'origine marine en tant qu'inhibiteurs de biofilms bactériens	Viano Y., D. Bonhomme, M. Camps, J.-F. Briand, A. Ortalo-Magné, L. Piovetti, Y. Blache, G. Culioli	7-USTV	Avril 2009	21ème Journée de la Société Chimique de France, Marseille
WP2	Toward the total synthesis of the immunosuppressive marine pyrrole-2-aminoimidazole palau'amine	Al-Mourabit A.	3-ICSN	Juillet 2009	<b>Conférence invitée</b> 6 <sup>th</sup> European Conference on Marine Natural Products, Porto, Portugal
WP2	Biosynthesis of pyridocridines in <i>C. dellechiaiei</i> cell-free extracts.	Bry D., Bontemps N., Banaigs B.	4-UPVD	Juillet 2009	6 <sup>th</sup> European Conference on Marine Natural Products, Porto, Portugal
WP3	Relevant scale of chemical variation in <i>Aplysina aerophoba</i>	Becerro M., Sacristan-Soriano O., Majdi N., Banaigs B.	8-CEAB, 4-UPVD	Juillet 2009	6 <sup>th</sup> European Conference on Marine Natural Products, Porto, Portugal
WP3	Intraspecimen variability of natural products in the sponge <i>Aplysina aerophoba</i> .	Sacristan-Soriano O., Banaigs B., Becerro M.	8-CEAB, 4-UPVD	Juillet 2009	6 <sup>th</sup> European Conference on Marine Natural Products, Porto, Portugal
WP1	Algal diterpenoids as antifouling substances against a marine bacterial biofilm	Viano Y., Bonhomme D., Camps M., Briand J.-F., Ortalo-Magné A., Blache Y. & Culioli G.	7-USTV	Juillet 2009	6 <sup>th</sup> European Conference on Marine Natural Products, Porto, Portugal
WP1	Chemotaxonomy as valuable approach to study sponges of the family Irciniidae (Porifera, Dictyoceratida)	Abed C., Khalaf G., Bitar G., Thomas O.P., Mehiri M., Pérez T.	1-UNSA, 5-DIMAR, 5'UL	Juillet 2009	6 <sup>th</sup> European Conference on Marine Natural Products, Porto, Portugal
WP1	<sup>1</sup> H HRMAS and LC-MS <sup>n</sup> as useful taxonomical tools for the discrimination of brown algae belonging to the <i>Cystoseira</i> genus	Jégou C., G. Culioli, N. Kervarec & V. Stiger-Pouvreau	7-USTV	Septembre 2009	European Society for Marine Biotechnology Conference, Concarneau, France
WP1, WP3	Co-cultures of marine invertebrate cells with their associated bacteria	Roué M., Pichon D., Pernice M., Bourguet-Kondracki M.-L., Domart-Coulon I.	2-MNHN	Septembre 2009	European Society for Marine Biotechnology Conference, Concarneau, France
WP1	Natural products as potential biocides in antifouling coatings	Culioli G., A. Ortalo-Magné, S.P. Dennington, L. Chambers & Y. Blache	7-USTV	Septembre 2009	EUROCORR 2009, Nice, France
WP1	Marine fouling organisms and their use in antifouling bioassays	Salta M., Chambers L., Briand J.-F., Blache Y., Wharton J.A., Wood R.J.K. & Stokes K.R.	7-USTV	Septembre 2009	EUROCORR 2009, Nice, France
WP1, WP2, WP3	Antifouling activities of MAPIEM	Bressy C., Briand J.-F., Carriere P., Culioli G., Dombrowsky L., Perrin F.-X., Praud-Tabaries A., Ortalo-Magné A., Tanguy B., Bottzeck O., Blache Y. & Margailan A	7-USTV	Septembre 2009	EUROCORR 2009, Nice, France
WP1	Biofilms bactériens <i>in vitro</i> utilisés comme bioessais antifouling	Camps M., Dombrowsky L., Blache Y. & Briand J.-F.	7-USTV	Septembre 2009	3 <sup>ème</sup> Colloque d'Ecologie Microbienne, Lyon, France
WP2	Contribution de la flore microbienne associée à la diversité chimique de l'éponge <i>Clathrina clathrus</i>	Roué M., Domart-Coulon I., Bourguet-Kondracki M.L.	2-MNHN	Mai 2010	Journée scientifique de la FRE 3206 Paris, France
WP1, WP3	Variability in the production of alkaloids by the red gorgonian <i>Paramuricea clavata</i> .	Pérez N., Culioli G., Pérez T., Thomas O., Blache Y.	1-UNSA 5-DIMAR 7-USTV	Août 2010	26th annual meeting of the International Society of Chemical Ecology, Tours, France
WP1, WP3	Metabolic fingerprinting as an indicator of biodiversity: towards understanding interspecific relationships among Homoscleromorpha sponges	Ivanisevic I. Thomas O., Lejeune C., Chévaldonné P., Pérez T.	1-UNSA 5-DIMAR	Août 2010	26th annual meeting of the International Society of Chemical Ecology, Tours, France

WP1, WP3	Etude des fluctuations de l'expression métabolique de la gorgone rouge méditerranéenne <i>Paramuricea clavata</i> .	Pérez N., Culioli G., Pérez T., Thomas O., Blache Y.	1-UNSA 5-DIMAR 7-USTV	Septembre 2010	Colloque Ecologie 2010 Montpellier, France
WP3	Bioactivity and secondary metabolite variation in relation to biotic and abiotic factors: chemical ecology study of a new Mediterranean <i>Oscarella</i> species (Porifera, Homoscleromorpha).	Ivanisevic J., Thomas O.P., Pédel L., Ereskovsky A., Pérez T.	1-UNSA 5-DIMAR	Septembre 2010	Colloque Ecologie 2010 Montpellier, France
WP1, WP2, WP3	Médiateurs chimiques d'une ascidie méditerranéenne	D. Bry, S. Lopez-Legentil, A. Simon-Levert, X. Turon, N. Bontemps, B. Banaigs	8-CEAB 4-UPVD	Septembre 2010	Colloque Ecologie 2010 Montpellier, France
WP3	Sponge islands in an algal sea: associated fauna of two Mediterranean sponges	Abdo D. A., Sacristan-Soriano O. and Becerro M. A.	8-CEAB	Septembre 2010	World Sponge Conference Girona, Spain
WP2, WP3	Photosynthetic symbionts of the Mediterranean sponge <i>Petrosia ficiformis</i> : characterization and implication in the prevention of fouling.	Bendaoud A., Briand J.F., Ortalo-Magne A., Dombrowsky L., Perez T., Barani A., Gregori G., Blache Y.	5-DIMAR 7-USTV	Septembre 2010	World Sponge Conference Girona, Spain
WP3	Bioactivity and secondary metabolite variation in relation to biotic and abiotic factors: chemical ecology study of a new Mediterranean <i>Oscarella</i> species (Porifera, Homoscleromorpha).	Ivanisevic J., Thomas O.P., Pédel L., Ereskovsky A., Dubois M., Pérez T.	1-UNSA 5-DIMAR	Septembre 2010	World Sponge Conference Girona, Spain
WP2	Toward the total synthesis of the immunosuppressive palau'amine	Al-Mourabit A.	3-ICSN	Octobre 2010	<b>Conférence invitée</b> 11th Eurasia Conference on Chemical Sciences (EuAsC2S-11), Jordan
WP1, WP2	Bacterial and chemical diversity in calcareous sponges: ecological approaches	Bourguet-Kondracki M-L.	2-MNHN	Novembre 2010	<b>Conférence invitée</b> Taiwan-France Conference "Biodiversity and Ecophysiology of Marine Organisms", Keelung, Taiwan
WP1, WP2	Involvement of bacterial community in the metabolome of the two calcareous sponges <i>Leuconia johnstoni</i> and <i>clathrina clathrus</i> .	Quévrain E, Roue M., Domart-Coulon I., Ereskovsky A., Pérez T., Bourguet-Kondracki M-L.	2-MNHN, 5-DIMAR	Mars 2011	1 <sup>st</sup> International Symposium on Sponge microbiology, Würzburg, Germany
WP3	Host-Specificity and environmental structuring of bacterial symbionts in <i>Ircinia</i> spp.	Erwin PM, López-Legentil S, Pita L, Turon X	8-CEAB	Mars 2011	1 <sup>st</sup> International Symposium on Sponge microbiology, Würzburg, Germany
WP1, WP3	Dosage d'alcaloïdes polaires d'origine marine par CLHP/UV/SM	Pérez N., G. Culioli, O.P. Thomas, J.-F. Briand, T. Pérez, Y. Blache	1-UNSA, 5-DIMAR, 7-USTV	Mars 2011	22 <sup>ème</sup> Journée de la Chimie SCF-PACA, Toulon
WP3	A threat around the corner? Assessing the invasive potential and biogeographic boundaries of an introduced ascidian	Pineda MC, López-Legentil S, Rius M, McQuaid C, Turon X	8-CEAB	Mai 2011	VII International Conference on Marine Bioinvasions, Barcelona, Spain
WP1, WP2	Exploring the origin of secondary metabolites using the Mediterranean sponge <i>Clathrina clathrus</i> and its associated bacteria as biological model	Roué M., Domart-Coulon I., Ereskovsky A., Pérez T., Bourguet-Kondracki M-L.	2-MNHN, 5-DIMAR	Juin 2011	<b>Conférence invitée</b> NatPharma, Naples, Italy
WP1, WP3	Chemical ecology of the Mediterranean red gorgonian <i>Paramuricea clavata</i> : Study of the variations in the chemical expression	Pérez N., G. Culioli, T. Pérez, J.-F. Briand, O.P. Thomas, Y. Blache	1-UNSA, 5-DIMAR, 7-USTV	Août 2011	7 <sup>th</sup> European Conference on Marine Natural Products, Strömstad, Suède
WP2	Revisiting oroiïdin biosynthesis	Genta-Jouve G., Al Mourabit, A., Thomas O. P.	1-UNSA, 3-ICSN	Août 2011	7 <sup>th</sup> European Conference on Marine Natural Products, Strömstad, Suède
WP3	Ascidian photosymbionts: do we know who's hiding in the tunic?	Lopez-Legentil S, Turon X, Song B	8-CEAB	Juillet 2011	6th International Tunicate Meeting, Montreal, Canada
WP3	Crossing the thin line between introduced and invasive species: factors shaping the distribution and invasive potential of the solitary ascidian <i>Styela plicata</i>	Pineda MC, López-Legentil S, Rius M, McQuaid C, Turon X	8-CEAB	Juillet 2011	6th International Tunicate Meeting, Montreal, Canada
WP2	Marine bioactive metabolites, isolation and synthesis	Al-Mourabit A.	3-ICSN	Septembre 2011	<b>Conférence invitée</b> 12th International Conference on the Chemistry of Antibiotics ICCA - 12, TU Berlin, Germany
WP3	Chemical defenses in the sponge <i>Aplysina aerophoba</i> : Seasonality and tissue specificity.	Sacristán-Soriano O., Banaigs B., Becerro M.	8-CEAB 4-UPVD	Septembre 2011	46 <sup>th</sup> European Marine Biology Symposium, Rovinj, Croatie
<b>Communications à congrès – Affiches</b>					
ECIMAR	ECIMAR: Ecologie chimique Marine: indicateurs de biodiversité et valorisation	Amade P. & De Vaugelas J.	1-UNSA	Décembre 2007	5 <sup>èmes</sup> Journées de l'Institut Français de la Biodiversité, Tours, France
WP2	Biosynthesis of bromopyrrole alkaloids in <i>Agelas oroides</i>	Cachet N., Thomas O. P., Al-Mourabit A.,	1-UNSA	Août 2008	7th Joint Meeting on Natural Products, Athènes, Grèce

		Oberhänsli F., Teysse J. L., Jeffree R.			
WP 3	Experimental study of the relationship between natural products and endosymbiont bacteria in the sponge <i>Aplysina aerophoba</i>	Sacristan-Soriano O, Becerro MA	8/9 CEAB	Septembre 2008	XV Simposio Ibérico de Biología Marina. Funchal, Madeira, Portugal
WP1	Pyrrrole-2-aminoimidazoles alkaloids from <i>Axinella cf polyoides</i> sponge	Lejeune C., Gabant M., Martin M.T., Thoison O., Pérez T., Bitar G., Al-Mourabit A.	3-ICSN, 5-DIMAR, 5 <sup>UL</sup>	Juillet 2009	6 <sup>th</sup> European Conference on Marine Natural Products, Porto, Portugal
WP1, WP2	Chemiluminescent oxidative degradation of diketopiperazines and early precursors of marine pyrrole-2-aminoimidazole ; metabolites	Ermolenko L., Ratinaud C., Mazères S., Gabant M., Moriou C., Al-Mourabit A.	3-ICSN	Juillet 2009	6 <sup>th</sup> European Conference on Marine Natural Products, Porto, Portugal
WP1, WP3	Study of the bacteria associated with <i>Clathrina clathrus</i> and evaluation of their contribution to secondary metabolism	Roué M., Domart-Coulon I., Ereskovsky A., Becerro M., Perez T., Bourguet-Kondracki M.-L.	2-MNHN, 8-CEAB, 5-DIMAR	Juillet 2009	6 <sup>th</sup> European Conference on Marine Natural Products, Porto, Portugal
WP1, WP2, WP3	Symbiontes photosynthétiques de Spongiaires : Isolement, mise en culture et production de métabolites actifs en antifouling	Bendaoud A., Ortalo-Magne A., Camps M., Dombrowsky L., Barani A., Gregori G., Perez T., Blache Y. & Briand J.-F	7-USTV	Septembre 2009	3 <sup>ème</sup> Colloque d'Ecologie Microbienne, Lyon
WP1, WP3	Reliability of a marine antifouling assay based on in vitro bacterial adhesion	Briand J.-F., Camps M., Dombrowsky L., Bazire A. & Blache Y.	7-USTV	Novembre 2009	5th ASM Conference on Biofilms, Cancun, Mexico
WP1,WP2, WP3	Temporal and intraindividual variation of secondary metabolites in sponges : avarol production in <i>Dysidea avara</i>	De Caralt S, Bry D, Bontemps N, Turon X, Uriz MJ, Banaigs B	8-CEAB 4-UPVD	Septembre 2010	XVI Iberian Symposium of Marine Biology Alicante, Spain
WP3	Ascidian-Cyanobacteria symbiosis	López-Legentil S, Song BK, Pawlik JR, Turon X	8-CEAB	Septembre 2010	XVI Iberian Symposium of Marine Biology Alicante, Spain
WP1,WP2, WP3	Genetic, bacterial, and chemical diversity of the Mediterranean sponge <i>Spongia lamella</i>	Noyer C., Hamilton A., Thomas O. P. and Becerro M. A.	8-CEAB	Septembre 2010	World Sponge Conference Girona, Spain
WP1,WP2, WP3	Variability of natural products in the sponge <i>Aplysina aerophoba</i> over a two-year survey	Sacristan-Soriano O., Banaigs B. and Becerro M. A.	8-CEAB 4-UPVD	Septembre 2010	World Sponge Conference Girona, Spain
WP1, WP3	Metabolic fingerprinting as an indicator of biodiversity: towards understanding interspecific relationships among <i>Homoscleromorpha</i> sponges.	Ivanisevic J., Thomas O., Lejeune C., Chevaldonne P., Perez T.	1-UNSA 5-DIMAR	Septembre 2010	World Sponge Conference Girona, Spain
WP3	Temperature effects in reproduction of Mediterranean sponges	Ereskovsky A., Pérez T.	5-DIMAR	Septembre 2010	World Sponge Conference Girona, Spain
WP2, WP3	Chemical and microbial investigations of the calcareous mediterranean sponge <i>Clathrina clathrus</i>	Roué M., Domart-Coulon I., Ereskovsky A., Pérez T., Bourguet-Kondracki M.L.	2-MNHN 5-DIMAR	20-24 Septembre 2010	World Sponge Conference Girona, Spain
WP1, WP2	Assessing the role of bacteria associated with the Mediterranean calcareous sponge <i>Clathrina clathrus</i>	Roué M., Domart-Coulon I., Bourguet-Kondracki M-L	2-MNHN	Octobre 2011	1 <sup>st</sup> International Conference on Micro-organisms facing their environment, MNHN Paris, France