


PERSONAL INFORMATION

Cecile SABOURAULT

 FRE 3729 ECOMERS, CNRS-Université Côte d'Azur,
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<https://orcid.org/0000-0001-8558-7952>

Date of birth 14/07/1971 | Nationality French | 3 children

WORK EXPERIENCE

2016- Professor, Université Côte d'Azur

Present lab : Ecology of Marine Ecosystems and Responses to Stress (ECOMERS, FRE3729)

Previous labs : - 2016-2018 Institute of Biology Valrose (iBV, UMR7277)

- 2016 Evolution Paris Seine, team "Symbiose Marine" (EPS, UMR7138)

- Research activities:
 - Collaborator (PI WP2) of the ANR PRC IMPEKAB (2015-2020): Impact of environmental change on planktonic photosymbioses
- Teaching activities:
 - Academic courses: animal biodiversity (bachelor), biotic interactions (bachelor), bioinformatics (bachelor), bibliography (bachelor), omics (master), imaging (master), communication (master), marine chemical ecology (master)
 - Practicals: good laboratory practices (bachelor), animal biodiversity (bachelor), bioinformatics (bachelor)
- Administrative responsibilities:
 - Vice-Dean for Education, Faculty of Science (2018-present)
 - Member of the Administrative Council of Université Nice Sophia Antipolis (2016-present)
 - Vice-Dean for International Relations, Faculty of Science (2012-2017)
 - Head of the Bachelor's double degree in Biology and Chemistry (2016-present)

2001-2016 Assistant Professor, Université Nice Sophia Antipolis

2010-2016 Evolution Paris Seine, team "Symbiose Marine" (EPS, UMR7138 CNRS-UPMC))

2001-2010 Réponse des Organismes aux Stress Environnementaux (ROSE, UMR1112 INRA-UNS)
Team "Equipe Génomique Fonctionnelle des Insectes" then "Symbiose Marine"

- Research activities:
 - PI of the CSI project MedChimEco (2015)
 - PI of the ANRJCJC inSIDE (2012-2015): Symbiotic Interface of a cnidarian-Dinoflagellate Endosymbiosis
 - PI of the BQR project CReM (2013)
 - Collaborator of the LipSTIC project (Region PACA, 2012): "Lipidomique après Séparation des Tissus chez un Cnidaire symbiotique"
 - PI of the BQR project MESSAGE (2009): "Métabolomique de la symbiose Cnidaire-Dinoflagellés"
 - PI of the Genoscope project "Transcriptome sequencing of the dinoflagellate Symbiodinium sp." (2008)
 - Collaborator of the ANRJCJC AgeSyMar (2005-2008): "Adaptation Génomique dans la Symbiose Marine cnidaire-dinoflagellé"
 - Collaborator of the GIS Génomique Marine project "Génomique fonctionnelle d'une endosymbiose marine Cnidaire-Dinoflagellé" (2004)
- Teaching activities:
 - Academic courses: animal biodiversity (bachelor), biotic interactions (bachelor), bioinformatics (bachelor), bibliography (bachelor), omics (master),

- Practicals: animal biodiversity (bachelor), bioinformatics (bachelor)

▪ Administrative responsibilities:

- Vice-Dean for International Relations, Faculty of Science (2012-2017)
- Member of the "Conseil National des Universités" section 68 (2004-2016)
- Head of the track "Biologie des Interactions", Master's degree of Life Sciences (2004-2012)

1999-2001 **Associate Professor, University of Arizona**

Post-doc position, Entomology Department, Tucson, AZ USA

Research activities: study of cytochrome P450 involved in insecticide resistance in insects (diptera and lepidoptera). Genomic adaptations driven by plant-insect interactions

- Genomics, microarrays

1998-1999 **ATER, Université Nice Sophia Antipolis**

Teaching assistant in physiology, Biology department, University of Nice

Ecophysiology of marine organisms: fish, mussel, sea urchin

Research: Development of biochemical markers to monitor phthalate contamination in marine environments. Molecular cloning and characterization of several Cytochromes P450 enzymes from the European sea bass, that are induced by chemical contaminants.

- Marine ecophysiology, biochemistry, ecotoxicology, molecular biology

1995-1999 **PhD in Life Sciences, INRA-Université Nice Sophia Antipolis**

Team "Résistance aux Xénobiotiques et Ecotoxicologie", INRA Antibes

Development of biochemical markers to monitor phthalate contamination in marine environments. Molecular cloning and characterization of several Cytochromes P450 enzymes from the European sea bass, that are induced by chemical contaminants.

- Marine ecophysiology, biochemistry, ecotoxicology, molecular biology

1994-1995 **Master's degree in Biochemistry, Université Nice Sophia Antipolis**

Traineeship of 1 year in the Marine Toxicology Lab, University of Nice-Sophia Antipolis

Ecotoxicology and ecophysiology in marine vertebrates and invertebrates: effect of exposure to phthalates on health (European sea bass and blue mussel)

- Marine ecophysiology, biochemistry, ecotoxicology

1993-1994 **Bachelor's degree in Biochemistry, Université Nice Sophia Antipolis**

Traineeships : - 1 month, lab "Biochimie Pharmacologique et Métabolique" (INSERM U75), Paris V

- 1 month, lab " Biologie et Physiopathologie de la Peau", Université Nice Sophia

Antipolis, Faculté de Médecine.

- Molecular Biology, Cell culture, Cell physiology

EDUCATION AND TRAINING

2012 **Habilitation à Diriger les Recherches, Université Nice Sophia Antipolis**

Title: "Dialogue moléculaire entre un hôte Anthozoaire et ses symbiotes Dinoflagellés : apport des techniques à haut débit pour l'étude du modèle *A. viridis* – *Symbiodinium sp.*"

- Genomics, biotic interactions, microarrays, metabolomics

1999 **PhD in Life Sciences, INRA-Université Nice Sophia Antipolis**

Level 8

PhD in Life Sciences, option Pharmacology, Cell Biology and Molecular Biology

Title: "Étude moléculaire des cytochromes P450 de la famille 4 chez le bar, *Dicentrarchus labrax*. Effet des xénobiotiques sur l'expression de ces gènes."

- Marine biology and ecophysiology, molecular biology, ecotoxicology

1995 **Master's degree in Biochemistry, Université Nice Sophia Antipolis**

Level 7

Traineeship: Marine Toxicology Lab, University of Nice-Sophia Antipolis
 DEA de Biochimie et Pharmacologie Moléculaires et Cellulaires
 Title: "Etude de l'activité laurate hydroxylase cytochrome P450 dépendante chez le bar, *Dicentrarchus labrax*"

- Marine ecophysiology, biochemistry, ecotoxicology

1994 **Maîtrise (1st year Master's degree) in Biochemistry, Université Nice Sophia Antipolis**

Maîtrise de Biochimie

- Biochemistry, Molecular Biology, Pharmacology

1993 **Bachelor's degree in Biochemistry, Université Nice Sophia Antipolis**

Level 6

Licence de Biochimie

- Biochemistry, Molecular Biology, Pharmacology

1992 **DEUG B, Université Paris V**

Level 5

DEUG B (1st and 2nd year of Bachelor's degree)

- Biology, Chemistry, Biochemistry, Mathematics, Biophysics

PERSONAL SKILLS

Mother tongue

French

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Replace with name of language certificate. Enter level if known.				
German	B1	B1	A2	A2	A2
	Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Driving licence

French driving licence (B)
 American driving licence

ADDITIONAL INFORMATION

Publications
 (ISI Journals with impact factor)

- Villar E, Dani V, Bigeard E, Linhart T, Mendez Sandin M, Bachy C, Six C, Lombard F, Sabourault C, Not F. Symbiont chloroplasts remain active during bleaching-like response induced by thermal stress in *Collozoum pelagicum* (Collodaria, Retaria). 2018. *Frontiers in Marine Science*
- Dani V, Priouzeau F, Mertz M, Mondin M, Pagnotta S, Lacas-Gervais S, Davy SK, Sabourault C. (2017) Expression patterns of sterol transporters NPC1 and NPC2 in the cnidarian-dinoflagellate symbiosis. *Cellular Microbiology* 19 (10).
- Dani V, Priouzeau F, Pagnotta S, Carette D, Laugier JP, Sabourault C. (2016) Thermal and menthol stress induce different cellular events during sea anemone bleaching. *Symbiosis*, 69 (3):175–192.
- Revel J, Massi L, Mehiri M, Boutoute M, Mayzaud P, Capron L, Sabourault C. (2016) Differential distribution of lipids in epidermis, gastrodermis and hosted *Symbiodinium* in the sea anemone *Anemonia viridis*. *Comp Biochem Physiol A Mol Integr Physiol.*, 191:140-51.
- Kopp C, Wisztorski M, Revel J, Mehiri M, Dani V, Capron L, Carette D, Fournier I, Massi L, Mouajjah D, Pagnotta S, Priouzeau F, Salzet M, Meibom A, Sabourault C. (2015) MALDI-MS and NanoSIMS imaging techniques to study cnidarian–dinoflagellate symbioses. *Zoology*, 118(2):125-131.
- Dani V, Ganot P, Priouzeau F, Furla P, Sabourault C. (2014) Are Niemann-Pick type C proteins key

- players in cnidarian-dinoflagellate endosymbioses? *Molecular Ecology*, 23:4527-40.
- Moya A, Ganot P, Furla P, Sabourault C. (2012) The transcriptomic response to thermal stress is biphasic and potentiated by UVs in the sea anemone *Anemonia viridis*. *Mol Ecology*, 21, 1158-74.
 - Ganot P, Moya A, Magnone V, Allemand D, Furla P, Sabourault C. (2011) Adaptations to endosymbiosis in a cnidarian-dinoflagellate association: differential gene expression and specific gene duplications. *PLoS Genetics* 2011 Jul;7(7)
 - Sabourault C, Ganot P, Deleury E, Allemand, Furla P. (2009) Comprehensive EST analysis of the symbiotic sea anemone, *Anemonia viridis*. *BMC Genomics*, 10:333
 - Merle PL, Sabourault C, Allemand D, Furla P. (2007) Catalase characterization and implication in bleaching of a symbiotic sea anemone. *Free Radic. Biol. Med.*, 42(2): 236-46.
 - Richier S, Sabourault C, Courtiade J, Zucchini N, Allemand D, Furla P. (2006) Oxidative stress and apoptotic events during thermal stress in the symbiotic sea anemone, *Anemonia viridis*. *FEBS J.*, 273(18):4186-4198.
 - Negre V, Hotelier T, Volkoff AN, Gimenez S, Cousserans F, Mita K, Sabau X, Rocher J, Lopez-Ferber M, d'Alencon E, Audant P, Sabourault C, Bidegainberry V, Hilliou F, Fournier P. (2006) SPODOBASE: an EST database for the lepidopteran crop pest *Spodoptera*. *BMC Bioinformatics*, 7: 322-331.
 - Le Goff G, Boundy S, Daborn P.J, Yen J.L, Sofer L, Lind R, Sabourault C, French-Constant RH. (2003) Microarray analysis of cytochrome P450 mediated insecticide resistance in *Drosophila*. *Insect Biochem. Mol. Biol.*, 33(7):701-8.
 - Sabourault C, Guzov V.M, Koener J.F, Claudianos C, Plapp F.W, Feyereisen R (2001) Overproduction of a P450 that metabolizes diazinon is linked to a loss of function in the chromosome 2 ali-esterase (Mdx-E7) gene in resistant house flies. *Insect Mol. Biol.*, 10(6): 609-618.
 - Sabourault, C., Amichot, M., Pauron, D., Bergé, J.-B., Lafaurie, M., Girard, J.-P. (1999) Cloning of CYP4F7, a kidney-specific P450 in the sea bass *Dicentrarchus labrax*. *Biochem. Biophys. Res. Commun.*, 258: 155-161.
 - Sabourault C., de Sousa G., Amichot M., Cuany A., Rahmani R., Salaün J.-P., Bergé J.-B., Girard, J.-P., Lafaurie, M. (1999) Tissue-specific induction and inactivation of cytochrome P450 catalysing lauric acid hydroxylation in the sea bass *Dicentrarchus labrax*. *Comp. Biochem. Physiol.*, 122B: 253-260.
 - Sabourault C., Bergé J.-B., Lafaurie M., Girard J.-P., & Amichot M. (1998) Molecular cloning of a phthalate-inducible CYP4 gene (CYP4T2) in kidney from the sea bass *Dicentrarchus labrax*. *Biochem. Biophys. Res. Commun.*, 251: 213-219.

Other publications

- Sabourault C., Ganot P., Moya A., Furla P. (2012) Endosymbiosis drives transcriptomic adjustments and genomic adaptations in cnidarians. *Proceedings of the 12th International Coral Reef Symposium, Cairns, Australia, 9-13 July 2012*
- Richier S, Sabourault C, Ferrier-Pagès C, Merle PL, Furla P & Allemand D. (2010) cnidarian-dinoflagellate symbiosis-mediated adaptation to environmental stress. Volume "Cooperation and Stress in Biology"; Collection "Cellular Origins, Life in Extreme Habitats and Astrobiology" (COLE). Series Ed.: Seckbach, Joseph; Springer.
- d'Alencon, E; Audant, P; Bernard-Samain, S; Bidegainberry, V; Brehelin, M; Brun-Barale, A; Cousserans, C; Duvic, B; Escoubas, JM; Feyereisen, R; Fournier, P; Gagneur, C; Gordon, K; Gimenez, S; Heckel, D; Hotelier, T; Hilliou, F; Mita, K; Negre, V; Sabourault, C; Surapom, S; Volkoff, N; Weissenbach, J (2007) Spodoptera EST sequencing and analysis of synteny among 3 species bring new perspectives for Lepidoptera genomics. (7th International Workshop on the Molecular Biology and Genetics of the Lepidoptera) *Journal of Insect Science*, 7(1):29.
- Sabourault, C., Stien, X., Bergé, J.-B., Girard, J.-P., Lafaurie, M. & Amichot, M. (2001) Isolation of cytochrome P450 cDNAs (CYP1A and CYP4T2) from the sea bass *Dicentrarchus labrax*: Tools for biomonitoring sea pollution. In "Biochemical Markers in Marine Environment: A Practical Approach" P. Garrigues, C. Walker, H. Barth, and J. F. Narbonne eds. Elsevier Science Ltd. Amsterdam.

Oral communications

- Sabourault C, Dani V, Revel J, Wisztorski M, Mehiri M, Priouzeau F, Mouajjah D, Massi L, Pagnotta S, Capron L, Fournier I, Salzet M. Utilisation de l'imagerie par spectrométrie de masse dans la compréhension des mécanismes d'interaction entre organismes. 19ème congrès annuel de l'Association Française de Cytométrie. 18-20 Novembre 2015, Antibes, France
- Sabourault C, Dani V, Revel J, Wisztorski M, Mehiri M, Priouzeau F, Mouajjah D, Massi L, Pagnotta S, Capron L, Fournier I, Salzet M. L'interaction cnidaire-dinoflagellés photosynthétiques : de la transcriptomique à l'imagerie par spectrométrie de masse. 1ères journées GDR MediatEC, 28-30 Octobre 2014, Paris, France.
- Dani V, Priouzeau F, Pagnotta S, Carrette D, Mertz M, Sabourault C. Are NPC proteins key players in

- the molecular interactions between cnidarians and their dinoflagellate endosymbionts? Colloque ImmunInv (immunité des invertébrés), 12-14 Mai 2014, Dijon, France.
- Dani V, Revel J, Capron L, Fournier I, Lacas-Gervais S, Massi L, Mehiri M, Pagnotta S, Priouzeau F, Salzet M, Wisztorski M, Sabourault C. Metabolite Exchange in the Cnidarian-dinoflagellate Interplay. 8th International Conference on Coelenterate Biology, 1-5 Décembre 2013, Eilat, Israël.
 - Dani V & Sabourault C. Gene duplications and adaptation to endosymbiosis in cnidarians: Focus on the NPC team. 17th Evolutionary Biology Meeting. 17-20 Septembre 2013, Marseille, France.
 - Sabourault C, Ganot P, Moya A & Furla P. Endosymbiosis drives transcriptomic adjustments and genomic adaptations in cnidarians. 12th International Coral Reef Symposium. 9-13 Juillet 2012, Cairns, Queensland, Australie.
 - Moya A, Ganot P, Deleury E, Allemand D, Furla P & Sabourault C. Exploring symbiotic interactions in the cnidarian sea anemone-Symbiodinium sp. model by large-scale ESTs analysis. ASLO Aquatic Sciences Meeting 2009, 25-30 Janvier 2009, Nice, France.
 - Moya A, Ganot P, Deleury E, Allemand D, Furla P & Sabourault C. Exploring Symbiotic Interactions in the Sea Anemone-Zooxanthellae Model by Large-Scale ESTs Analysis. 11th International Coral Reef Symposium, 7-11 Juillet 2008, Fort Lauderdale, FL, USA.
 - d'Alençon, E. Audant, P. Bernard-Samain, S. Bidegainberry, V. Brehélin, M. Brun-Barale, A. Cousserans, C. Duvic, B. Escoubas, J-M. Feyereisen, R. Fournier, Ph. Gagneur, C. Gordon, K. Gimenez, S. Heckel, D. Hotelier, Th. Hilliou, F. Mita, K. Negre, V. Sabourault, C. Suraporn, S. Volkoff, A.N. & J. Weissenbach. Spodoptera EST sequencing and analysis of synteny among 3 species bring new perspectives for Lepidoptera genomics. 7th International Workshop on the Molecular Biology and Genetics of the Lepidoptera. 20-26 Août 2006, Kolympari, Crète, Grèce
 - Feyereisen, R., Tijet, N., Helvig, C., Murataliev, M., Koener, J.F., Le Goff G, Sabourault, C. Genomic approaches to the evolution and function of a large multigene family. 4th International Symposium on Molecular Insect Science. 28 Mai-2 Juin 2002, Tucson, Arizona, USA
 - Feyereisen, R., Bak, S., Decker, A., Feldmann, K.A., Galbraith, D.W., Helvig, C., Kim, H.B., Koener, J.F., Lu, T., Paquette, S., Park, J.H., Qi, C., Sabourault, C., Sutherland, T. Tax, F., Tijet, N., Unnithan, G.C. and VanEtten, H. "Genomic approaches to P450 function in insects and plants" 5th International Symposium on P450 Biodiversity and Biotechnology, 2-6 Jul 2000, Elsinore, Danemark
 - Sabourault C., Amichot M., Cuany A., Lafaurie M., Salaün J.-P. & Bergé J.-B. "Cloning of cytochrome P450 gene (CYP4) inducible by phthalate ester plasticizers in the sea bass *D. labrax*." BIOMAR Workshop "Biological Markers of Environmental Contamination in Marine Ecosystems", 17-20 Avril 1997, Ischia, Italie
 - Sabourault C., Stien X & Lafaurie M "Réponse des organismes marins aux polluants organiques" 8ème Rencontres de l'Agence Régionale Pour l'Environnement, 8-11 Octobre 1996, Nice, France.

Invited lectures

- Sabourault C. "Dialogue moléculaire entre les partenaires de la symbiose Cnidaire-Dinoflagellés" Ecole Thématique CNRS d'Ecologie Chimique ETEC2014, 16-20 Juin 2014, Marseille, France.
- Sabourault C. "Dialogue moléculaire au sein de la symbiose Cnidaire-Dinoflagellés" Rencontres du GDR BioChiMar, 7-8 Novembre 2013, Lorient, France.
- Sabourault C. "Transcriptomics to study marine symbioses " Ecole Internationale de Biologie Marine, 11-24 Mars 2013, à Arraial Do Cabo, Brésil
- Sabourault C. " Transcriptomique et toxicologie environnementale : le point sur les invertébrés marins" Colloque de l'Association pour la Recherche En Toxicologie (ARET) "La toxicologie à l'ère des omiques", 10-11 Juin 2010, Paris, France.
- Sabourault C. "Corals and other symbioses in marine invertebrates" Ecole Franco-vietnamienne de Recherche (CNRS) "Marine Bio-resources and Utilizations", 2-12 Mars 2009, Do Son, Vietnam (coordinateur B. Kloareg)
- Sabourault C. "Adaptations génomiques au sein de la symbiose Cnidaire-Dinoflagellés" Rencontres du GIS Institut de la Génomique Marine, 19-20 Décembre 2005, Roscoff, France
- Sabourault C. "Cytochromes P450 in insects: diversity, functions and regulation" CMAVE, USDA, Gainesville, Floride, Septembre 2000.

Posters

- Dani V, Priouzeau F, Mondin M, Pagnotta S, Davy S, Sabourault C "NPC proteins are key players in molecular interactions between cnidarians and their dinoflagellate endosymbionts" 13th Coral Reef Symposium, Honolulu, Hawaï USA, 19-24 Juin 2016.
- Dani V, Priouzeau F, Revel J, Mehiri M, Massi L, Capron L, Pagnotta S, Lacas-Gervais S, Laugier J-P, Lebrigand K, Barbry P, Wisztorski M, Mouajjah D, Salzet M, Sabourault C. "Symbiosome membranes characterization, or how to decipher molecular interactions between cnidarians and their dinoflagellate symbionts" 2nd Labex SIGNALIFE Meeting Cell Signaling, 9-10 Novembre 2015, Nice, France
- Dani V, Priouzeau F, Pagnotta S, Lacas-Gervais S, Laugier J-P, Mertz M, and Sabourault C "NPC proteins are key players in molecular interactions between cnidarians and their dinoflagellate endosymbionts" 8th Congress of the International Symbiosis Society, Lisbon, Portugal, 12-18 July 2015.

- Sabourault C, Dani V, Priouzeau F, Revel J, Mehiri M, Massi L, Capron L, Pagnotta S, Lacas-Gervais S, Laugier JP, Lebrigand K, Barbry P, Wiszorski M, Mouajjah D, Salzet M. "Symbiosome membranes characterization, or how to decipher molecular interactions between cnidarians and their dinoflagellate symbionts" 8th Congress of the International Symbiosis Society, Lisbon, Portugal, 12-18 July 2015.
- Revel J, Massi L, Mehiri M, Capron L, Fournier I, Salzet M, Sabourault C "The molecular communication in cnidarian-dinoflagellate symbiosis". 8th Congress of the International Symbiosis Society, Lisbon, Portugal, 12-18 July 2015.
- Dani V, Revel J, Priouzeau F, Pagnotta S, Carrette D, Mertz M, Sabourault C. NPC proteins are key players in molecular interactions between cnidarians and their dinoflagellate endosymbionts. 1st Labex SIGNALIFE Meeting on Cell Signaling, 28-29 Avril 2014, Nice, France.
- Dani V & Sabourault C. Gene duplications and adaptation to endosymbiosis in cnidarians: Focus on the NPC team. 17th Evolutionary Biology Meeting. 17-20 Septembre 2013, Marseille, France.
- Ganot P, Moya A, Zamoum T, Bonnivard E, Furla P & Sabourault C. Anthozoan highly invasive Miniature Inverted-repeat Transposable Elements are A -> I hyperedited when inserted into 3'UTR of mRNAs. Congrès National sur les Eléments Transposables. 4-6 Juillet 2011, Villeurbanne.
- Capron L, Massi L, Boutoute M, Martinez G, Zaffini A.L, Ganot P, Furla P & Sabourault C. "Lipidomics deciphers symbiotic exchanges between *Symbiodinium* and *Anemonia viridis*" International Society for Reef Studies European Meeting: Reefs in a changing environment. 13-17 Décembre 2010, Wageningen, Pays-Bas
- Ganot P, Moya A, Deleury E, Allemand A, Furla P & Sabourault C. "Differentially expressed symbiotic genes in the Mediterranean Sea anemone". Ecole Thématique "Les endosymbioses trophiques et leur rôle dans l'évolution passée et contemporaine des eucaryotes", 20-23 Octobre 2008, Roscoff
- C. Sabourault, E. Deleury, G. Garello, P. Furla, D. Allemand, & R. Feyereisen. "Exploring Cytochrome P450 diversity in a Cnidarian-Algal Symbiosis using EST analysis" 10th Evolutionary Biology Meeting, 20-22 Septembre 2006, Marseille, France.
- S. Richier, C. Sabourault, P.L. Merle, D. Allemand & P. Furla. "Oxidative stress and apoptotic events during thermal stress in the symbiotic sea anemone, *Anemonia viridis*" International Society for Reef Studies European Meeting, 19-22 Septembre 2006, Bremen, Allemagne.
- C. Sabourault, E. Deleury, G. Garello, W. Caule, P. Furla, D. Allemand, & R. Feyereisen. "Exploring Cytochrome P450 diversity in a Cnidarian-Algal Symbiosis using EST analysis" 8th Symposium on Cytochrome P450 Biodiversity and Biotechnology and Biotechnology, 19-23 Juillet 2006, Swansea, Wales, UK.
- E. Kulhanek, D. Zoccola, C. Sabourault, E. Tambutte, S. Tambutte, & D. Allemand. "Cnidarians: A Biological Model to Study Gene Transcription during Hypoxia" 10th International Coral Reef Symposium, 28 Juin-02 Juillet 2004, Okinawa, Japon.
- Allemand D., Ferrier-Pagès, C., Kulhanek E., Sabourault C., Tambutté E., Tambutté S., Zoccola D. " Approche génomique de l'étude de la physiologie de l'anémone tempérée *Anemonia viridis* " 7ème Congrès de la Commission Internationale pour l'Exploration Scientifique de la Mer Méditerranée, Juin 2004, Barcelone, Espagne.
- E. Kulhanek, D. Zoccola, C. Sabourault, E. Tambutté, S. Tambutté, et D. Allemand "Les Cnidaires : un modèle d'étude pour l'expression des gènes lors de l'hypoxie" 1ère conférence Découverte des Génomes et Expression des Gènes, 15 Mai 2003, Paris, France
- Sabourault C., Guzov, V. Koener, J. F., Unnithan, G. C., Billings, K., Claudianos, C., Plapp, F. W. and Feyereisen, R. "Overproduction of a P450 that metabolizes diazinon is linked to a loss of function in the chromosome 2 ali-esterase (*Mdα-E7*) gene in resistant house flies" Gordon Research Conference in Agriculture Science, 13-18 Février 2001, Ventura, Californie, USA.
- Sabourault, C., Guzov, V. Koener, J. F., Unnithan, G. C., Billings, K., Claudianos, C., Plapp, F. W. and Feyereisen, R. "Both CYP6A1 and ali-esterase genes are involved in the resistance to diazinon in the house fly strain Rutgers" 5th International Symposium on P450 Biodiversity and Biotechnology, 2-6 Juillet 2000, Danemark
- Galbraith, D.W., Xu, W., VanEtten, H., Tijet, N., Tax, F., Sabourault, C., Paquette, S., Kim, H.B., Helvig, C., Feyereisen, R., Feldmann, K.A., Decker, A. and Bak, S. "Use of DNA microarrays for analysis of P450 gene expression in *Arabidopsis thaliana* and *Drosophila melanogaster*" 5th International Symposium on P450 Biodiversity and Biotechnology, 2-6 Jul 2000, Danemark
- Sabourault, C., Amichot, M., Bergé, J.-B., and Girard, J.-P. "Cloning and expression of two CYP4 genes in the sea bass, *Dicentrarchus labrax*" 11th International Conference on Cytochrome P450, 29 Aout-2 Septembre 1999, Sendai, Japon (obtention d'une bourse décernée par le comité scientifique)
- Sabourault, C., Amichot, M., Girard, J.-P., and Bergé, J.-B. "Cytochromes P450 from family 4 in the sea bass". 26th Meeting of the Federation of European Biochemical Societies, 19-24 Juin 1999, Nice, France
- Sabourault, C., Amichot, M., Lafaurie M, Girard, J.-P & Bergé, J.-B. "A new biomarker for marine pollutants: induction of a CYP4 gene (CYP4T2) by phthalate ester plasticizers in the sea bass *D. labrax*." 4th International Symposium on P450 Biodiversity and Biotechnology, 12-16 Juillet 1998, Strasbourg, France
- Sabourault, C., Amichot, M., Lafaurie M, Girard, J.-P & Bergé, J.-B. "Molecular cloning of a cytochrome P450 gene (CYP4) inducible by DEHP in the sea bass *D. labrax*." 8th Annual Meeting of

SETAC-Europe, 14-18 Avril 1998, Bordeaux, France

- Sabourault C., Amichot M., Cuany A., Bergé J.-B., Durst F, Tijet N, Salaün J.-P. & Lafaurie M.

"Tissue-specific induction and inactivation of laurate hydroxylase activities in the sea bass *D.labrax*"

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