
CURRICULUM VITAE

Pascal Hingamp

Maître de Conférences en bioinformatique
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Né le : 13 / 03 / 1968.

EDUCATION ET QUALIFICATIONS

- 1994 **Doctorat (PhD) en virologie moléculaire**,
University of Birmingham (UK)
- 1991 **Ingénieur Biochimiste**, *Institut National des Sciences Appliquées (INSA) de Lyon (France)*
- 1986 **Baccalauréat en Sciences de la Vie** (mention bien),
Rennes (France)

EXPERIENCE PROFESSIONNELLE

- Depuis sept. 99 **Maître de Conférences**,
Aix Marseille Université, Faculté des Sciences (France)
Membre de l'équipe pédagogique de bioinformatique-génomique.
Génomique environnementale (projet Tara Océans, virus géants).
2016+: Institut Méditerranéen d'Océanographie CNRS UMR7294.
2006-2016: laboratoire IGS, *UMR CNRS 7256*
1999-2006: laboratoire TAGC- *INSERM ERM206*
- Avril. 98 - Août. 99 **Bioinformaticien, EBI base de données d'acides nucléiques ENA**
European Bioinformatics Institute, EMBL Outstation, Wellcome Trust Genome Campus, Cambridge (UK)
Responsable du développement de WEBIN, logiciel de dépôt par internet de séquences dans la base de données internationale d'acides nucléiques EMBL.
- Sept. 97 - avril 98 **Bioinformaticien, MRC HGMP ressource centre**
Medical Research Council, Human Genome Mapping Project - Resource Centre, Hinxton, Cambridge (UK)
Cours de formation continue spécialisés en bioinformatique et support technique des chercheurs en biologie. Responsable des logiciels d'identification de gènes et des bases de données de type ACeDB.
- Juin 95 - Jul 97 **Stage de recherche post-doctoral, McGill Polypeptide Lab**
Department of Medicine, McGill University, Montreal (Canada)
Inactivation ciblée (knock-out) du gène murin codant pour l'enzyme de conjugaison de l'ubiquitine 8A exprimée dans les spermatozoïdes ronds.
Superviseur: Dr. Wing
- Juillet 91 - déc. 93 **Stage de recherche doctoral, Institute for Animal Health**
Institute for Animal Health, Pirbright (UK)
Caractérisation de l'enzyme de conjugaison de l'ubiquitine UBCv codée par le virus de la Peste Porcine Africaine. Superviseur: Dr. Dixon, Directeur: Prof. Mayer

AUTRES EXPÉRIENCES

- Jan. 94 - mai 95 **Coopérant du Service National, Ambassade de France (R.F.A.)**
Veille technologique, responsable des domaines des sciences de la vie. Mise au point d'une base de données relationnelle de gestion du fond documentaire du service.

BOURSES D'ETUDES ET DE RECHERCHE

- Mai-Juil 2015 **Invited Associate Professor, Kyoto University (Japan)**
Laboratory of Chemical Life Science, Bioinformatics Center, Institute for Chemical Research (Dir. Prof. H. Ogata)
- 2012-2019 Contrat **OCEANOMICS ANR / Investement d'avenir**
ANR-11-BTBR-0008 (425.000€)
- 2012-2016 Contrat Union Européenne **FP7 MicroB3**
FP7-OCEAN-2011 287589 (275.000€)
- 2009 **Délégation CNRS** de 18 mois, UPR2589 et plateforme séquençage ultra-haut débit SOLiD du TAGC INSERM U928
- 2001-2004 Contrat Union Européenne **FP5 TEMBLOR DESPRAD**
QLRI-CT-2001-00015 (260.000€)
- 1996 **Conseil de la Recherche Médicale (C.R.M.)** du Canada, bourse postdoctorale de 3 ans (classé 19ème/190)
- 1995 **Royal Victoria Hospital Research Institute (Canada)**, bourse postdoctorale de 1 an
- 1991 **Institute for Animal Health (GB)**, bourse doctorale de 3 ans
- 1991 Bourse **ERASMUS** (stage de fin d'études INSA)

LANGUES

Langues maternelles: français et anglais
Autre langue: allemand lu, écrit et parlé

ENSEIGNEMENT

- 2015/18 **University of Science and Technology of Hanoi, Vietnam**
Enseignement de la bioinformatique Master BioPharma (60h)
- 2009-14 **Université Marien Nguabi, Brazzaville, Congo**
Introduction à la bioinformatique, UE de 40h à l'école doctorale
- 1999+ **Faculté des Sciences de Luminy**
Licences BioCell, Bioch, PGF (L1, L2, L3)
Conception d'un outil pédagogique dédié: <https://annotathon.org>
Masters BBSG puis DLAD, OBEM (M1, M2)
- 2003-08 **Ecole Supérieure d'Ingénieurs de Luminy**
Cours www/html, Licence professionnelle Microbiologie dans les Industries Agro-Alimentaires
- 2001-03 **Université de Montpellier, Master Professionnel Ingénierie de la Santé**
Cours d'introduction à la bioinformatique/
- 1998 **Human Genome Mapping Project Resource Centre, MRC Cambridge, GB**
Stages de formation continue en bioinformatique

PUBLICATIONS (JOURNAUX INTERNATIONAUX À COMITÉ DE LECTURE)

<http://orcid.org/0000-0002-7463-2444>

42 publications, 5 as first author, 4 as last author.

6892 citing articles (wo self-citations), h-index: 32.

Acinas SG, Sánchez P, Salazar G, Cornejo-Castillo FM, Sebastián M, Logares R, Royo-Llonch M, Paoli L, Sunagawa S, **Hingamp P**, Ogata H, Lima-Mendez G, Roux S, González JM, Arrieta JM, Alam IS, Kamau A, Bowler C, Raes J, Pesant S, Bork P, Agustí S, Gojobori T, Vaqué D, Sullivan MB, Pedrós-Alió C, Massana R, Duarte CM, Gasol JM. (2021) Deep ocean metagenomes provide insight into the metabolic architecture of bathypelagic microbial communities. *Commun Biol.* 2021 May 21;4(1):604. doi: 10.1038/s42003-021-02112-2.

Vernette C, Henry N, Lecubin J, de Vargas C, **Hingamp P**, Lescot M. (2021) The Ocean barcode atlas: A web service to explore the biodiversity and biogeography of marine organisms. *Mol Ecol Resour.* 21(4):1347-1358. doi: 10.1111/1755-0998.13322.

Vannier T, **Hingamp P**, Turrel F, Tanet L, Lescot M, Timsit Y. (2020) Diversity and evolution of bacterial bioluminescence genes in the global ocean. *NAR Genom Bioinform.* 2(2):lqaa018. doi: 10.1093/nargab/lqaa018.

Salazar G, Paoli L, Alberti A, Huerta-Cepas J, Ruscheweyh HJ, Cuenca M, Field CM, Coelho LP, Cruaud C, Engelen S, Gregory AC, Labadie K, Marec C, Pelletier E, Royo-Llonch M, Roux S, Sánchez P, Uehara H, Zayed AA, Zeller G, Carmichael M, Dimier C, Ferland J, Kandels S, Picheral M, Pisarev S, Poulain J; Tara Oceans Coordinators, Acinas SG, Babin M, Bork P, Bowler C, de Vargas C, Guidi L, **Hingamp P**, Iudicone D, Karp-Boss L, Karsenti E, Ogata H, Pesant S, Speich S, Sullivan MB, Wincker P, Sunagawa S. (2019) Gene

- Expression Changes and Community Turnover Differentially Shape the Global Ocean Metatranscriptome. *Cell*. 179(5):1068-1083.e21. doi: 10.1016/j.cell.2019.10.014.
- Milanese A, Mende DR, Paoli L, Salazar G, Ruscheweyh HJ, Cuenca M, **Hingamp P**, Alves R, Costea PI, Coelho LP, Schmidt TSB, Almeida A, Mitchell AL, Finn RD, Huerta-Cepas J, Bork P, Zeller G, Sunagawa S. (2019) Microbial abundance, activity and population genomic profiling with mOTUs2. *Nat Commun*. 10(1):1014. doi: 10.1038/s41467-019-08844-4.
- Roux S, Adriaenssens EM, Dutilh BE, Koonin EV, Kropinski AM, Krupovic M, Kuhn JH, Lavigne R, Brister JR, Varsani A, Amid C, Aziz RK, Bordenstein SR, Bork P, Breitbart M, Cochrane GR, Daly RA, Desnues C, Duhaime MB, Emerson JB, Enault F, Fuhrman JA, **Hingamp P**, Hugenholtz P, Hurwitz BL, Ivanova NN, Labonté JM, Lee KB, Malmstrom RR, Martinez-Garcia M, Mizrahi IK, Ogata H, Páez-Espino D, Petit MA, Putonti C, Rattai T, Reyes A, Rodriguez-Valera F, Rosario K, Schriml L, Schulz F, Steward GF, Sullivan MB, Sunagawa S, Suttle CA, Temperton B, Tringe SG, Thurber RV, Webster NS, Whiteson KL, Wilhelm SW, Wommack KE, Woyke T, Wrighton KC, Yilmaz P, Yoshida T, Young MJ, Yutin N, Allen LZ, Kyrpides NC, Eloe-Fadrosh EA. (2019) Minimum Information about an Uncultivated Virus Genome (MIUViG). *Nat Biotechnol*. 37(1):29-37. doi: 10.1038/nbt.4306.
- Li Y, **Hingamp P**, Watai H, Endo H, Yoshida T, Ogata H. (2018) Degenerate PCR Primers to Reveal the Diversity of Giant Viruses in Coastal Waters. *Viruses*. 10(9):496. doi: 10.3390/v10090496.
- Villar E, Vannier T, Vernette C, Lescot M, Cuenca M, Alexandre A, Bachelier P, Rosnet T, Pelletier E, Sunagawa S, **Hingamp P**. (2018) *The Ocean Gene Atlas: exploring the biogeography of plankton genes online*. *Nucleic Acids Res*. 46(W1):W289-W295. doi: 10.1093/nar/gky376.
- Yoshida T, Nishimura Y, Watai H, Haruki N, Morimoto D, Kaneko H, Honda T, Yamamoto K, **Hingamp P**, Sako Y, Goto S, Ogata H. (2018) *Locality and diel cycling of viral production revealed by a 24 h time course cross-omics analysis in a coastal region of Japan*. *ISME J*. 12(5):1287-1295. doi: 10.1038/s41396-018-0052-x.
- Mihara T, Koyano H, **Hingamp P**, Grimsley N, Goto S, Ogata H. (2018) *Taxon Richness of "Megaviridae" Exceeds those of Bacteria and Archaea in the Ocean*. *Microbes Environ*. 33(2):162-171. doi: 10.1264/jsme2.ME17203.
- Carradec Q, Pelletier E, Da Silva C, Alberti A, Seeleuthner Y, Blanc-Mathieu R, Lima-Mendez G, Rocha F, Tirichine L, Labadie K, Kirilovsky A, Bertrand A, Engelen S, Madoui MA, Méheust R, Poulain J, Romac S, Richter DJ, Yoshikawa G, Dimier C, Kandels-Lewis S, Picheral M, Searson S; Tara Oceans Coordinators, Jaillon O, Aury JM, Karsenti E, Sullivan MB, Sunagawa S, Bork P, Not F, **Hingamp P**, Raes J, Guidi L, Ogata H, de Vargas C, Iudicone D, Bowler C, Wincker P. (2018) *A global ocean atlas of eukaryotic genes*. *Nat Commun*. 9(1):373. doi: 10.1038/s41467-017-02342-1.
- Seeleuthner Y, Mondy S, Lombard V, Carradec Q, Pelletier E, Wessner M, Leconte J, Mangot JF, Poulain J, Labadie K, Logares R, Sunagawa S, de Berardinis V, Salanoubat M, Dimier C, Kandels-Lewis S, Picheral M, Searson S; Tara Oceans Coordinators, Pesant S, Poulton N, Stepanauskas R, Bork P, Bowler C, **Hingamp P**, Sullivan MB, Iudicone D, Massana R, Aury JM, Henrissat B, Karsenti E, Jaillon O, Sieracki M, de Vargas C, Wincker P. (2018) *Single-cell genomics of multiple uncultured stramenopiles reveals underestimated functional diversity across oceans*. *Nat Commun*. 2018 Jan 22;9(1):310. doi: 10.1038/s41467-017-02235-3.
- Cornejo-Castillo FM, Cabello AM, Salazar G, Sánchez-Baracaldo P, Lima-Mendez G, **Hingamp P**, Alberti A, Sunagawa S, Bork P, de Vargas C, Raes J, Bowler C, Wincker P, Zehr JP, Gasol JM, Massana R, Acinas SG. (2016) *Cyanobacterial symbionts diverged in the late Cretaceous towards lineage-specific nitrogen fixation factories in single-celled phytoplankton*. *Nat Commun*. doi: 10.1038/ncomms11071.
- Mihara T, Nishimura Y, Shimizu Y, Nishiyama H, Yoshikawa G, Uehara H, **Hingamp P**, Goto S, Ogata H. (2016) *Linking Virus Genomes with Host Taxonomy*. *Viruses*. doi: 10.3390/v8030066.
- Guidi L, Chaffron S, Bittner L, Eveillard D, Larhlimi A, Roux S, Darzi Y, Audic S, Berline L, Brum JR, Coelho LP, Espinoza JC, Malviya S, Sunagawa S, Dimier C, Kandels-Lewis S, Picheral M, Poulain J, Searson S; Tara Oceans Consortium Coordinators, Stemann L, Not F, **Hingamp P**, Speich S, Follows M, Karp-Boss L, Boss E, Ogata H, Pesant S, Weissenbach J, Wincker P, Acinas SG, Bork P, de Vargas C, Iudicone D, Sullivan MB, Raes J, Karsenti E, Bowler C, Gorsky G. (2016) *Plankton networks driving carbon export in the oligotrophic ocean*. *Nature*. doi: 10.1038/nature16942.
- Lescot M, **Hingamp P**, Kojima KK, Villar E, Romac S, Veluchamy A, Boccara M, Jaillon O, Iudicone D, Bowler C, Wincker P, Claverie JM, Ogata H. (2015) *Reverse transcriptase genes are highly abundant and transcriptionally active in marine plankton assemblages*. *ISME J*. doi: 10.1038/ismej.
- Clerissi C, Desdevises Y, Romac S, Audic S, de Vargas C, Acinas SG, Casotti R, Poulain J, Wincker P, **Hingamp P**, Ogata H, Grimsley N. (2015) *Deep sequencing of amplified Prasinovirus and host green algal genes from an Indian Ocean transect reveals interacting trophic dependencies and new genotypes*. *Environ Microbiol Rep*. 7(6):979-89. doi: 10.1111/1758-2229.12345.
- Villar E, Farrant GK, Follows M, Garczarek L, Speich S, Audic S, Bittner L, Blanke B, Brum JR, Brunet C, Casotti R, Chase A, Dolan JR, d'Ortenzio F, Gattuso JP, Grima N, Guidi L, Hill CN, Jahn O, Jamet JL, Le Goff H, Lepoivre C, Malviya S, Pelletier E, Romagnan JB, Roux S, Santini S, Scalco E, Schwenck SM, Tanaka A, Testor P, Vannier T, Vincent F, Zingone A, Dimier C, Picheral M, Searson S, Kandels-Lewis S; Tara Oceans Coordinators, Acinas SG, Bork P, Boss E, de Vargas C, Gorsky G, Ogata H, Pesant S, Sullivan MB, Sunagawa S, Wincker P, Karsenti* E, Bowler* C, Not* F, **Hingamp* P**, Iudicone* D. (2015) *Ocean plankton. Environmental characteristics of Agulhas rings affect interocean plankton transport*. *Science*. 348(6237):1261447 (*co-last/Corresponding authors).
- Sunagawa S, Coelho LP, Chaffron S, Kultima JR, Labadie K, Salazar G, Djahanschiri B, Zeller G, Mende DR, Alberti A, Cornejo-Castillo FM, Costea PI, Cruaud C, d'Ovidio F, Engelen S, Ferrera I, Gasol JM, Guidi L, Hildebrand F, Kokoszka F, Lepoivre C, Lima-Mendez G, Poulain J, Poulos BT, Royo-Llonch M, Sarmento H, Vieira-Silva S, Dimier C, Picheral M, Searson S, Kandels-Lewis S; Tara Oceans coordinators, Bowler C, de Vargas C, Gorsky G, Grimsley N, **Hingamp P**, Iudicone D, Jaillon O, Not F, Ogata H, Pesant S, Speich S, Stemann L, Sullivan MB, Weissenbach J, Wincker P, Karsenti E, Raes J, Acinas SG, Bork P. (2015) *Ocean plankton. Structure and function of the global ocean microbiome*. *Science*. 348(6237):1261359.
- de Vargas C, Audic S, Henry N, Decelle J, Mahé F, Logares R, Lara E, Berney C, Le Bescot N, Probert I, Carmichael M, Poulain J, Romac S, Colin S, Aury JM, Bittner L, Chaffron S, Dunthorn M, Engelen S, Flegontova O, Guidi L, Horák A, Jaillon O, Lima-Mendez G, Lukeš J, Malviya S, Morard R, Mulot M, Scalco E, Siano R, Vincent F, Zingone A, Dimier C, Picheral M, Searson S, Kandels-Lewis S; Tara Oceans Coordinators, Acinas SG, Bork P, Bowler C, Gorsky G, Grimsley N, **Hingamp P**, Iudicone D, Not F, Ogata H, Pesant S, Raes J, Sieracki ME, Speich S, Stemann L, Sunagawa S, Weissenbach J, Wincker P, Karsenti E. (2015) *Ocean plankton. Eukaryotic plankton diversity in the sunlit ocean*. *Science*. 348(6237):1261605.
- Brum JR, Ignacio-Espinoza JC, Roux S, Doucier G, Acinas SG, Alberti A, Chaffron S, Cruaud C, de Vargas C, Gasol JM, Gorsky G, Gregory AC, Guidi L, **Hingamp P**, Iudicone D, Not F, Ogata H, Pesant S, Poulos BT, Schwenck SM, Speich S, Dimier C, Kandels-Lewis S, Picheral M, Searson S; Tara Oceans Coordinators, Bork P, Bowler C, Sunagawa S, Wincker P, Karsenti E, Sullivan MB. (2015) *Ocean plankton. Patterns and ecological drivers of ocean viral communities*. *Science*. 348(6237):1261498.
- Clerissi C, Grimsley N, Ogata H, **Hingamp P**, Poulain J, Desdevises Y. (2014) *Unveiling of the diversity of Prasinoviruses (Phycodnaviridae) in marine samples by using high-throughput sequencing analyses of PCR-amplified DNA polymerase and major capsid protein genes*. *Appl. Environ. Microbiol*. 80(10):3150-60.
- Megléc E, Pech N, Gilles A, Dubut V, **Hingamp P**, Trilles A, Grenier R, Martin JF. (2014) *QDD version 3.1: a user-friendly computer program for microsatellite selection and primer design revisited: experimental validation of variables determining genotyping success rate*. *Mol. Ecol. Resour*. doi: 10.1111/1755-0998.12271.
- Logares R, Sunagawa S, Salazar G, Cornejo-Castillo FM, Ferrera I, Sarmento H, **Hingamp P**, Ogata H, de Vargas C, Lima-Mendez G, Raes J, Poulain J, Jaillon O, Wincker P, Kandels-Lewis S, Karsenti E, Bork P, Acinas SG. (2013) *Metagenomic 16S rDNA Illumina tags are a powerful alternative to amplicon sequencing to explore diversity and structure of microbial communities*. *Environ. Microbiol*. 16(9):2659-71.
- Hingamp P**, Grimsley N, Acinas SG, Clerissi C, Subirana L, Poulain J, Ferrera I, Sarmento H, Villar E, Lima-Mendez G, Faust K, Sunagawa S, Claverie JM, Moreau H, Desdevises Y, Bork P, Raes J, de Vargas C, Karsenti E, Kandels-Lewis S, Jaillon O, Not F, Pesant S, Wincker P, Ogata H. (2013) *Exploring nucleo-cytoplasmic large DNA viruses in Tara Oceans microbial metagenomes*, *ISME J*. 7(9):1678-95.

- Karsenti E, Acinas SG, Bork P, Bowler C, De Vargas C, Raes J, Sullivan M, Arendt D, Benzoni F, Claverie JM, Follows M, Gorsky G, **Hingamp P**, Iudicone D, Jaillon O, Kandels-Lewis S, Krzic U, Not F, Ogata H, Pesant S, Reynaud EG, Sardet C, Sieracki ME, Speich S, Velayoudon D, Weissenbach J, Wincker P; Tara Oceans Consortium (2011) *A holistic approach to marine eco-systems biology*, PLoS Biol. (10):e1001177.
- Legendre M, Audic S, Poirot O, **Hingamp P**, Seltzer V, Byrne D, Lartigue A, Lescot M, Bernadac A, Poulain J, Abergel C, Claverie JM. (2010) *mRNA deep sequencing reveals 75 new genes and a complex transcriptional landscape in Mimivirus*, Genome Res. 20(5):664-74.
- Hingamp P**, Brochier C, Talla E, Gautheret D, Thieffry D, Herrmann C. (2008) *Metagenome annotation using a distributed grid of undergraduate students*, PLoS Biol. 6(11):e296.
- Honore P, Granjeaud S, Tagett R, Deraco S, Beaudoin E, Rougemont J, Debono S, **Hingamp P**. (2006) *MicroArray Facility: a laboratory information management system with extended support for Nylon based technologies*, BMC Genomics.;7:240.
- Bedard N, **Hingamp P**, Pang Z, Karaplis A, Morales C, Trasler J, Cyr D, Gagnon C, Wing SS. (2005) *Mice lacking the UBC4-testis gene have a delay in postnatal testis development but normal spermatogenesis and fertility*, Mol Cell Biol.;25(15):6346-54.
- Ball CA, Brazma A, Causton H, Chervitz S, Edgar R, **Hingamp P**, Matese JC, Parkinson H, Quackenbush J, Ringwald M, Sansone SA, Sherlock G, Spellman P, Stoekert C, Taten Y, Taylor R, White J, Winegarden N. (2004) *Submission of microarray data to public repositories*, PLoS Biol.;2(9):E317.
- Lopez F, Rougemont J, Loriod B, Bourgeois A, Loi L, Bertucci F, **Hingamp P**, Houlgatte R, Granjeaud S. (2004) *Feature extraction and signal processing for nylon DNA microarrays*, BMC Genomics.;5(1):38.
- Rougemont J, **Hingamp P**. (2003) *DNA microarray data and contextual analysis of correlation graphs*, BMC Bioinformatics.;4:15.
- Lombard V, Camon EB, Parkinson HE, **Hingamp P**, Stoesser G, Redaschi N. (2002) *EMBL-Align: a new public nucleotide and amino acid multiple sequence alignment database*, Bioinformatics. 2002 May;18(5):763-4.
- Brazma A, **Hingamp P**, Quackenbush J, Sherlock G, Spellman P, Stoekert C, Aach J, Ansorge W, Ball CA, Causton HC, Gaasterland T, Glenisson P, Holstege FC, Kim IF, Markowitz V, Matese JC, Parkinson H, Robinson A, Sarkans U, Schulze-Kremer S, Stewart J, Taylor R, Vilo J, Vingron M. (2001) *Minimum information about a microarray experiment (MIAME)-toward standards for microarray data*, Nat Genet. 29(4):365-71.
- Lin H, Keriel A, Morales CR, Bedard N, Zhao Q, **Hingamp P**, Lefrancois S, Combaret L, Wing SS. (2000) *Divergent N-terminal sequences target an inducible testis deubiquitinating enzyme to distinct subcellular structures*, Mol Cell Biol. (17):6568-78.
- Hingamp P**, van den Broek AE, Stoesser G, Baker W. (1999) *The EMBL Nucleotide Sequence Database. Contributing and accessing data*, Mol Biotechnol. 12(3):255-67.
- Baker W, van den Broek A, Camon E, **Hingamp P**, Sterk P, Stoesser G, Tuli MA. (2000) *The EMBL nucleotide sequence database*, Nucleic Acids Res. 28(1):19-23.
- S. Wing, N. Bédard, C. Morales, **P. Hingamp** & J. Trasler (1996) *A novel rat homolog of the S. cerevisiae ubiquitin conjugating enzymes UBC4 & UBC5 with distinct biochemical features is induced during spermatogenesis*, Mol. Cell. Biol., Vol. 16, pp. 4064-4072.
- P. Hingamp**, M. Leyland, J. Webb, S. Twigger, R.J. Mayer, L. Dixon (1995) *An external virion protein of African swine fever virus is ubiquitinated by the virus encoded UBC enzyme*, J. Virol., Vol. 69, pp. 1785-1793.
- L. Dixon, S. Baylis, S. Vydelingum, S. Twigg, J. Hammond, **P. Hingamp**, C. Bristow, P. Wilkinson, G. Smith (1993) *African swine fever virus genome content and variability*, Arch. Virol. Suppl. 7, pp. 185-199.
- P. Hingamp**, J. Arnold, R. Mayer, L. Dixon (1992) *A ubiquitin conjugating enzyme encoded by African swine fever virus*, EMBO J., Vol. 11, pp.361-366.

COMMUNICATIONS

- P. Hingamp (2019)** 'Tara: sailing EMBL round the world', keynote at the EMBL in France meeting, Marseille (France).
- P. Hingamp (2017)** 'Omics for marine biodiversity observation', oral presentation at the FineMed workshop, Marseille (France).
- P. Hingamp (2017)** 'Round the world sampling of ocean plankton', keynote at the annual Centre de Recherche sur le Cancer de Marseille (France).
- P. Hingamp (2016)** 'Tara Oceans plankton sampling expedition - a bioinformatician's wandering in a (very) wet lab', oral presentation at the 5th LMGE Doctoral School workshop, Clermont-Ferrand (France).
- P. Hingamp et al. (2015)** 'Tara Oceans environmental genomics: fishing giant viruses and plankton transport in Agulhas rings', oral presentation at Laboratoire Evolution et Diversité Biologique, Toulouse (France).
- P. Hingamp (2015)** 'Pan oceanic plankton sampling expedition', oral presentation at CNPRS, Marseille (France).
- P. Hingamp (2014)** 'Life beyond 16S', oral presentation at the Ocean Sampling Day Summer School, Heraklion, (Grece).
- P. Hingamp (2014)** 'What can Tara Oceans metagenomes tell us about giant viruses', keynote AgreenSkills Annual Meeting, Toulouse (France).
- P. Hingamp (2013)** 'Metagenomics : The devil lies in the details', oral presentation at the 6th International Biocuration Conference, Cambridge, (UK).
- P. Hingamp et al. (2012)** 'Preliminary exploration of Tara Oceans genomic data', oral presentations at the Japan Agency for Marine-Earth Science and Technology, Yokosuka (Japan) & National Research Institute of Fisheries and Environment of Inland Sea, Hiroshima (Japan).
- P. Hingamp (2012)** 'What can metagenomics tell us about giant viruses in the ocean ?', oral presentation at the Institut des Sciences Analytiques et de Physico-Chimie pour l'Environnement et les Matériaux, Pau (France).
- P. Hingamp et al. (2010)** 'Tara Oceans plankton sampling expedition', oral presentation at the Environnement et Marine Sciences workshop, State Univ. of Rio de Janeiro (Brasil).
- P. Hingamp (2009)** 'What bioinformatics can tell us about ourselves and our environment?', ACM ISTA'09 conference on Information Science, Technology and Applications (Kuwait).
- P. Hingamp (2008)** 'Metagenome annotation: an opportunity for undergraduate bioinformatics teaching', oral presentation at the EMBnet 2008 20th Anniversary congress, Martina Franca (Italy).
- P. Hingamp et al. (2007)** 'miQC: microarray Quality control', oral presentation at the JOBIM congress, Marseille (France).
- P. Hingamp et al. (2002)** 'Nylon micrarrays', oral presentation at the MGED3 conference, Heidelberg (Germany).
- P. Hingamp et al. (1995)** 'Ubiquitination of an external structural proteins of African swine fever virus', poster presented at the FASEB Workshop on Ubiquitin & Protein Degradation, Saxtons River (USA).
- P. Hingamp et al. (1993)** 'Ubiquitinated structural proteins of African swine fever virus', poster presented at the IXth International Virology Congress, Glasgow (UK).
- P. Hingamp et al. (1992)** 'Functional analysis of a ubiquitin conjugating enzyme encoded by African swine fever virus', oral presentation at the 9th International Conference on Pox/Iridoviridae, Les Diablerets (Switzerland).

2019+ Editeur associé du journal NAR Genomics & Bioinformatics
2012-2017 Editeur associé du journal BMC Bioinformatics
2001-2006 Membre fondateur de l'association *Microarray and Gene Expression Data Society* (MGED)

RESPONSABILITÉS COLLECTIVES

2010-2019 Coordinateur Scientifique, membre du Consortium *Tara Océans*
2017 Co-organisateur pour le MIO de l'exposition scientifique « Journée de la Planète » au Théâtre de la Criée à Marseille (2017)
2007-2010 Webmestre des sites Intranet et Internet interactifs de la Faculté des Sciences de Luminy (Kiosque et e-campus)
2003 Organisateur du congrès MGED6 à Aix-en-Provence (350 participants)
2003 Elu au Conseil de Faculté de la Faculté des Sciences de Luminy, mandat de deux ans
2003 Elu à la Commission de Spécialistes (section 65), mandat de deux ans
2002 Elu au Comité de Gestion du Département de Biologie (Faculté de Luminy), mandat de deux ans
2001 Responsable de l'équipe pédagogique de Bioinformatique
2000-2010 Administrateur et webmestre du site Internet du Département de Biologie, Faculté de Luminy (<http://biologie.univ-mrs.fr>)
1999 Elu représentant adjoint du personnel de l'Institut Européen de Bioinformatique (EBI) à Cambridge auprès du Laboratoire Européen de Biologie Moléculaire (EMBL) à Heidelberg (RFA), mandat de deux ans
