

ABBREVIATE CURRICULUM VITAE

Name : Jesús L. ROMALDE

Nationality: SPAIN

Professional Status: Professor of Microbiology

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ACADEMIC TITLES:

* M.Sc. in Microbiology. 1988. University of Santiago, SPAIN.

* Doctor in Microbiology (Ph. D.). 1992. University of Santiago. SPAIN.

GENERAL QUALITY INDICATORS OF SCIENTIFIC PRODUCTION

- First quartile total publications (Q1): 95

- Index h: 36 (WOS), 37 (Scopus)

- Total cites: 4756 (WOS); 4924 (Scopus)

- Cites / year: 410 (WOS); 395 (Scopus)

- Number of publications: 220

POSTDOCTORAL RESEARCH:

* Research Associate at Baylor College of Medicine (Division of Molecular Virology), Houston, TX (USA)

* Universidad de Barcelona. Departamento de Microbiología. Spain

CV SUMMARY

Since the beginning of my research career, more than 25 years ago, I have been involved in the research in microbiology of aquatic organisms, including the different aspects of bacterial and viral pathogens.

The first investigations, which constituted the body of my master thesis, were focused on the study of the microbiota associated with red tides and specifically the study of environmental vibrios populations. Subsequently, with the beginning of the doctoral thesis, my research was more focused on the pathology of fish and molluscs, studying different taxonomic aspects, virulence and prevention of pathogens such as *Yersinia ruckeri*, *Streptococcus phocae*, *Photobacterium damsela* subsp. *piscicida* or *Vibrio tapetis*. Works that were published in prestigious international journals. After the defense of my doctoral thesis and during my postdoc at the Baylor College of Medicine (Houston, TX, USA) I directed my research to a completely different topic focused on the study, detection and characterization of enteric viruses and the role of mollusks as a vehicle of transmission. Since my return in 1994 to the University of Santiago de Compostela, first as Associate Professor and later as Full Professor, I have combined both lines of research, "Microbiology of aquatic organisms" and "Study of enteric viruses", consolidating the latter in the department and with international recognition, as evidenced by the participation in different projects and contracts at European level.

Throughout these years, I have participated in 38 R + D projects financed by public calls (national and European) and presented papers at different international meetings. I have directed 16 doctoral theses. I am part of the editorial committee of different international journals, such as *Veterinary Microbiology* or *Systematic and Applied Microbiology*, among others, and I have participated in the organization of different international and national congresses such as the International Symposium on Molluscan Shellfish Safety in 2002 or the 4th International Congress on *Vibrio* in 2011.

Between 2012 and 2014, I held the position of Vice-Rector of Degrees and Teaching and Research Staff and, since 2017, I am the Director of the Department of Microbiology and Parasitology, at the University of Santiago de Compostela.

PUBLICATIONS (Editor)

- A. Villalba, B. Reguera, **J.L. Romalde** & R. Beiras (eds). 2003. *Moluscan Shellfish Safety*. Consellería de Pesca e Asuntos Marítimos (Xunta de Galicia) e Intergovernmental Oceanographic Commission (UNESCO). Santiago de Compostela, Spain. ISBN: 84-453-3638-X
- **J.L. Romalde** (Ed.). 2011. *Vibrio2011*. The Fourth Conference on the Biology of Vibrios. Abstract Book. Editorial Avarelllos, Lalín, España. ISBN: 978-84-15045-07-6.
- **J.L. Romalde** (ed.). 2016. *Oysters and Clams: Cultivation, Habitat Threats and Ecological Impact*. Nova Science Publishers, Inc. Nueva York, USA. ISBN: 978-1-63485-074-2.
- **J.L. Romalde** (ed.). 2017. *Noroviruses: Outbreaks, Control and Prevention Strategies*. Nova Science Publishers, Inc. Nueva York, USA. ISBN: 978-1-53611-939-8.
- M. Sánchez Angulo & **J.L. Romalde** (2018) Special volume of the journal SEM@foro published by the Spanish Society for Microbiology on Taxonomy, Phylogeny and Diversity. June 2018. (<https://www.semicrobiologia.org/secciones/publicaciones/semaforo>).
- **J.L. Romalde**, S. Balboa & A. Ventosa (eds.). 2019. *Microbial Taxonomy, Phylogeny and Biodiversity*. Lausanne: Frontiers Media.

PUBLICATIONS (Book chapters)(Last 5 years)

- Magariños, B., **J.L. Romalde** & A.E. Toranzo. 2014. Photobacteriosis: *Photobacterium damsela* subsp. *piscicida*. En: *Advances of Mediterranean Marine Aquaculture*. pp. 305-317. P. Angelidis (Ed). Blue Crab PC Publisher. Chalastra, Grecia. ISBN: 978-618-80999-0-6.
- Avendaño-Herrera, R., **J.L. Romalde**, B. Magariños & A.E. Toranzo. 2014. Tenacibaculosis: *Tenacibaculum maritimum*. En: *Advances in Mediterranean Marine Aquaculture*. pp. 355-377. P. Angelidis (Ed). Blue Crab PC Publisher. Chalastra, Grecia. ISBN: 978-618-80999-0-6.
- Manso, C.F., A. Monteagudo & **J.L. Romalde**. 2014. Detection and genotyping of norovirus from clinical and shellfish samples: epidemiological implications. En: *Proceedings of the 9th International Conference on Molluscan Shellfish Safety*, pp. 56-60. C. McLeod, H. Farrell, G. Hallegraef & A. Zammit (Eds.). FAO, Roma, Italia
- **Romalde, J.L.** 2014. Vaccination against photobacteriosis. En: *Fish Vaccination*. pp. 200-210. R. Gudding, A. Lillehaug, Ø. Evensen (Eds). Wiley-Blackwell, Sussex, UK. ISBN: 978-0-470-67455-0
- Balboa, S., A. Lasa, D. Gerpe, A.L. Diéguez, **J.L. Romalde**. 2016. Microbiota associated to clams and oysters: a key factor for culture success. En: *Oysters and Clams: Cultivation, Habitat Threats and Ecological Impact*. **J.L. Romalde** (ed.). Nova Science Publishers, Inc. Nueva York (USA). ISBN: 978-1-63485-074-2.
- **Romalde, J.L.** 2016. Oyster summer mortality: the example of a multifactorial syndrome. En: *Oysters and Clams: Cultivation, Habitat Threats and Ecological Impact*. **J.L. Romalde** (ed.). Nova Science Publishers, Inc. Nueva York (USA). ISBN: 978-1-63485-074-2.
- Ouardani, I., M. Aouni, & **J.L. Romalde**. 2016. Are current wastewater treatments enough to avoid public health problems in Tunisia?. En: E. Wagner (Ed.) *Tunisia: Social, Economic and Political Issues*. pp: 93-122. Nova Science Publishers, Inc. Nueva York (USA). ISBN: 978-1-53610-061-7.
- **Romalde, J.L.**, C. F. Manso, M.F. Varela, E. Rivadulla & D. Polo. 2017. Enfermedades de transmisión alimentaria: infecciones por norovirus y hepatitis A. En: A. Villalba (Ed.) *El cultivo de la ostra rizada en Galicia: pasado, presente y futuro*. pp: 122-149. CETMAR-Consellería do Mar (Xunta de Galicia). Vigo, Pontevedra. ISBN: 978-84-697-3753-8.
- Bastardo, A., S. Balboa & **J.L. Romalde**. 2017. From the gene sequence to the phylogeography through the population structure: the cases of *Yersinia ruckeri* and *Vibrio tapetis*. En: L. Bitz (Ed.) *Genetic diversity*. InTech. Rijeka (Croatia). pp: 57-87. ISBN: 978-953-51-2949-3
- Manso, C.F. & **J.L. Romalde**. 2017. Bayesian coalescent inference determines differences in evolutionary dynamics among Norovirus GII genotypes. En: *Noroviruses: Outbreaks, Control and Prevention Strategies*. **J.L. Romalde** (Ed.). Nova Science Publishers, Inc. Nueva York (USA). pp: 71-106. ISBN: 978-1-53611-939-8.
- Rivadulla, E., I. García-Fernández, **J.L. Romalde**, P. Fernández-Ibáñez & D. Polo. 2017. Solar energy and photo-fenton systems. Novel applications for norovirus disinfection in water. En: *Noroviruses: Outbreaks, Control and Prevention Strategies*. **J.L. Romalde** (Ed.). Nova Science Publishers, Inc. Nueva York (USA). pp: 153-178. ISBN: 978-1-53611-939-8.
- **Romalde, J.L.** 2017. Norovirus vaccines. En: *Noroviruses: Outbreaks, Control and Prevention Strategies*. **J.L. Romalde** (Ed.). Nova Science Publishers, Inc. Nueva York (USA). pp: 243-271. ISBN: 978-1-53611-939-8.
- Ceccarelli, D., L. Vezzulli, E. Suffredini, C. Amaro & **J.L. Romalde**. 2018. *Vibrio* species. En: *Food Microbiology: Fundamentals and Frontiers*. 5th Ed. M. Doyle, R. Buchanan, C. Hill & F. Diez-Gonzalez (Eds.). American Society for Microbiology, Washington DC doi: 10.1128/9781555819972.ch13.
- Amaro, C., B. Fouz, E. Sanjuán & **J.L. Romalde**. 2019. Fish vibriosis. En: *Climate Change and Infectious Fish Diseases*. P.T.K. Woo, J.-A. Leong & K. Buchmann (Eds.). CABI, Wallingford, Oxfordshire, UK.

PUBLICATIONS IN INTERNATIONAL JOURNALS (Last 5 years)

- Romalde, J.L., A.L. Diéguez, A. Lasa & S. Balboa. 2014. New *Vibrio* species associated to molluscan microbiota: a review. Frontiers in Microbiology 4: 413.
- Lasa, A., A.L. Diéguez & J.L. Romalde. 2014. *Vibrio cortegadensis* sp. nov., isolated from clams. Antonie Van Leeuwenhoek 105: 335-341.
- Polo, D., C. Álvarez, M.L. Vilariño, A. Longa & J.L. Romalde. 2014. Depuration kinetics of Hepatitis A virus in clams. Food Microbiology 39: 103-107
- Balboa, S., A. Bastardo & J.L. Romalde. 2014. Disentangling the structure and evolution of the population of the clam pathogen *Vibrio tapetis*. Microbial Ecology 67: 145-154.
- Polo, D., C. Álvarez, S. Darriba, A. Longa & J.L. Romalde. 2014. Viral elimination during commercial depuration of shellfish. Food Control 43: 206-212.
- Polo, D., C. Álvarez, A. Longa & J.L. Romalde. 2014. Depuration effectiveness for hepatitis A virus removal from mussels. International Journal of Food Microbiology 180: 24-29
- Prado, S., J. Dubert, J.L. Romalde, A.E. Toranzo & J.L. Barja. 2014. *Vibrio ostreicida* sp. nov., a new pathogen for bivalve larvae. International Journal of Systematic and Evolutionary Microbiology 64: 1641-1646.
- Avendaño-Herrera, R., S. Balboa, N. Castro, A. Contreras-González, B. Magariños, J. Fernández, A.E. Toranzo & J.L. Romalde. 2014. Comparative polyphasic characterization of *Streptococcus phocae* strains with different host origin and description of the new subspecies *Streptococcus phocae* subsp. *salmonis* subsp. nov. International Journal of Systematic and Evolutionary Microbiology 64: 1775-1781
- Polo, D., X. Feal, M.F. Varela, A. Monteagudo & J.L. Romalde. 2014. Depuration kinetics of murine norovirus in shellfish. Food Research International 64: 182-187
- González-Castillo, A., Balboa, S., Romalde, J.L. & Gomez-Gil, B. 2014. *Vibrio crosai* sp. nov., isolated from a cultured oyster *Crassostrea gigas*. Antonie Van Leeuwenhoek 106: 457-463.
- Avendaño-Herrera, R., R. Suárez, E. Lazo, D. Bravo, K.O. Llegues, J.L. Romalde & M.G. Godoy. 2014. Genome sequence of *Streptococcus phocae* subsp. *salmonis* strain C-4⁺ isolated from Atlantic salmon (*Salmo salar*). Genome Announcement 2: e01269-14
- Polo D., M.F. Varela & J.L. Romalde. 2015. Detection and quantification of hepatitis A virus and norovirus in Spanish authorized shellfish harvesting areas. International Journal of Food Microbiology 193: 43-50.
- Manso, C.F. & J.L. Romalde. 2015. Molecular epidemiology of Norovirus in patients with acute gastroenteritis in Galicia (NW Spain). Epidemiology and Infection 143: 316-324.
- Pereira C., L. Santos, A.P. Silva, Y.J. Silva, A. Cunha, J.L. Romalde, M.L. Nunes & A. Almeida. 2015. Seasonal variation of bacterial communities in shellfish harvesting waters: preliminary study before applying phage therapy. Marine Pollution Bulletin 90: 68-77.
- Lasa, A., A.L. Diéguez & J.L. Romalde. 2015. Description of *Lacinutrix venerupis* sp. nov., a novel bacterium associated to reared clams. Systematic and Applied Microbiology 38: 115-119.
- Polo D., X. Feal & J.L. Romalde. 2015. Mathematical model for viral depuration kinetics in shellfish: a useful tool to estimate the risk for the consumers. Food Microbiology 49: 220-25.
- Polo D., I. García-Fernández, P. Fernández-Ibáñez & J.L. Romalde. 2015. Solar Water Disinfection (SODIS) of Hepatitis A virus and Murine norovirus under natural solar conditions. International Microbiology 18: 41-49.
- Declerq, A.M., K. Chiers, M. Soetaert, A. Lasa, J.L. Romalde, H. Polet, F. Haesebrouck & A. Decostere. 2015. *Vibrio tapetis* isolated from vesicular skin lesions in Dover sole (*Solea solea*). Diseases of Aquatic Organisms 115: 81-86.
- González-Castillo, A., J. Enciso-Ibarra, M.C. Bolán-Mejía, S. Balboa, A. Lasa, H. Cabanillas-Beltrán, J.L. Romalde & B. Gomez-Gil. 2015. *Vibrio mexicanus* sp. nov., isolated from a cultured oyster *Crassostrea corteziensis*. Antonie van Leeuwenhoek 108: 355-364.
- Lasa A., R. Avendaño-Herrera, J.M. Estrada & J.L. Romalde. 2015. Isolation and identification of *Vibrio toranzoniae* associated with diseased Red conger eel (*Genypterus chilensis*) farmed in Chile. Veterinary Microbiology 179: 327-331.
- Diéguez, A.L., A. Jacobsen, T. Magnesen & J.L. Romalde. 2015. *Sinobacterium norvegicum* sp. nov., isolated from Great Scallop (*Pecten maximus*) broodstock. Antonie van Leeuwenhoek 108: 983-991.
- Bastardo A., C. Ravelo & J.L. Romalde. 2015. Phylogeography and demographic history of *Yersinia ruckeri*. Frontiers in Microbiology 6: 1198. doi: 10.3389/fmicb.2015.01198.

- Ouardani, I., C.F. Manso, M. Aouni & **J.L. Romalde**. 2015. Efficiency of Hepatitis A virus removal in six sewage treatment plants from central Tunisia. Applied Microbiology and Biotechnology 99: 10759-10569.
- Varela, M.F., D. Polo & **J.L. Romalde**. 2016. Prevalence and genetic diversity of human Sapovirus in shellfish from commercial production areas in Galicia, Spain. Applied and Environmental Microbiology 82: 1167-1172.
- Dubert, J., **J.L. Romalde**, S. Prado & J.L. Barja, 2016. *Vibrio bivalvicida* sp. nov., a novel larval pathogen for bivalve molluscs reared in hatchery. Systematic and Applied Microbiology 39: 8-13.
- Lasa, A., C.J. Gibas, **J.L. Romalde**. 2016. Draft genome sequence of *Vibrio toranzoniae* strain CECT 7225. Genome Announcement 4: e00212-16.
- Mesquita, J.R., D. Oliveira, E. Rivadulla, J. Abreu-Silva, M.F. Varela, **J.L. Romalde**, M.S.J. Nascimento. 2016. Hepatitis E virus genotype 3 in mussels (*Mytilus galloprovincialis*), Spain. Food Microbiology 58: 13-15.
- Dubert, J., D.R. Nelson, M. Gomez-Chiarri, **J.L. Romalde**, J.L. Barja. 2016. Draft genome sequence of the new pathogen for bivalve larvae *Vibrio bivalvicida*. Genome Announcement 4:e00216-16.
- Gomez-Gil, B., A. Roque, G. Rotlant, **J.L. Romalde**, A. Doce, M. Eggermont & T. Defoirdt. 2016. *Photobacterium sanguinancrri* sp. nov. isolated from marine animals. Antonie van Leeuwenhoek 109: 817-825..
- Pereira, C., C. Moreirinha, M. Lewicka, P. Almeida, C. Clemente, A. Cunha, I. Delgadillo, **J.L. Romalde**, M.L. Nunes & A. Almeida. 2016. Bacteriophages with potential to inactivate *Salmonella* Typhimurium: use of single phage suspensions and phage cocktails. Virus Research 220: 179-192.
- Ouardani, I., S. Turki, M. Aouani, **J.L. Romalde**. 2016. Detection and molecular characterization of hepatitis A virus from Tunisian wastewatertreatment plants with different secondary treatments. Applied and Environmental Microbiology 82: 3834-3845.
- Varela, M.F., A.S. Hooper, E. Rivadulla, **J.L. Romalde**. 2016. Human Sapovirus in mussels from Ria do Burgo, A Coruña (Spain). Food and Environmental Virology 8: 187-193.
- Lasa, A., P. Pichon, A.L. Diéguez, **J.L. Romalde**. 2016. *Marinomonas gallaica* sp. nov. and *Marinomonas atlantica* sp. nov., two novel species isolated in Galicia (NW Spain). International Journal of Systematic and Evolutionary Microbiology 66: 3183-3188.
- González-Castillo, A., J. Enciso-Ibarra, J. Dubert, J.L. Romalde & B. Gómez-Gil. 2016. *Vibrio sonorensis* sp. nov. isolated from a cultured oyster *Crassostrea gigas*. Antonie van Leeuwenhoek 109: 1447-1455.
- Dubert, J., S. Balboa, M. Regeueira, A. Goizález-Castillo, B. Gómez-Gil, **J.L. Romalde**. 2016. *Vibrio barjaei* sp. nov., a new species of the Mediterranei clade isolated in a shellfish hatchery. Systematic and Applied Microbiology 39: 553-556
- Dubert, J., **J.L. Romalde**, E.J. Spinard, D.R. Nelson, M. Gómez-Chiarri, & J.L. Barja. 2016. Reclassification of the larval pathogen for marine bivalves *Vibrio tubiashii* subsp. *europaeus* as *Vibrio europaeus* sp. nov. International Journal of Systematic and Evolutionary Microbiology 66: 4791-4796.
- López-Goñi, I., M.J. Martínez-Vilas, J. Antón, V.J. Cid, A. Martín González, M. Brown-Jaque, J.M. García-Lobo, M. Sánchez-Angulo, J.I. Vilchez, T. Robledo, S.T. Tapia, A. Hernández de Rojas, A. Mira, J.J. Gallego, M.T. López-Díaz, S. Maicas, E. Villalobo, A. Quindós, S. Balboa, **J.L. Romalde**, C. Aguilar, A. Tomás, M. Linares, J. Gil, R. Ferrer, A.I. Camacho, L. Vinué & J. García-Lara. 2016. Twitter as a tool for teaching and communicating Microbiology: the #microMOOCSEM initiative. Journal of Microbiology & Biology Education 17: 492-494.
- Lasa, A., A. Mira, A. Camelo-Castillo, P. Belda-Ferre & **J.L. Romalde**. 2016. Characterization of the microbiota associated to *Pecten maximus* gonads using 454-pyrosequencing. International Microbiology 19: 91-97.
- Pereira, C., C. Moreirinha, L. Teles, R.J.M. Rocha, R. Calado, **J.L. Romalde**, M.L. Nunes & A. Almeida. 2016. Application of bacteriophages during depuration reduces the load of *Salmonella* Typhimurium in cockles. Food Research International 90: 73-84.
- Pereira, C., C. Moreirinha, M. Lewickab, P. Almeida, C. Clemente, **J.L. Romalde**, M.L. Nunes & A. Almeida. 2017. Characterization and in vitro evaluation of new bacteriophages for the biocontrol of *Escherichia coli*. Virus Research 227: 171-182.

- Pereira, C., C. Moreirinha, L. Teles, R.J.M. Rocha, R. Calado, **J.L. Romalde**, M.L. Nunes & A. Almeida. 2017. Application of phage therapy during bivalve depuration improves *Escherichia coli* decontamination. Food Microbiology 61: 102-112.
- Rivadulla, E. M.F. Varela, **J.L. Romalde**. 2017. Low prevalence of Aichi virus in molluscan shellfish samples from Galicia (NW Spain). Journal of Applied Microbiology 122: 516-521.
- Diéguez, A.L., **J.L. Romalde**. 2017. Draft genome sequences of *Neptuniibacter* sp. strain LFT 1.8 and *Neptuniibacter* sp. strain ATR 1.1. Genome Announcement 5: e01541-16.
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- Diéguez, A.L., S. Balboa, T. Magnesen & **J.L. Romalde**. 2017. *Neptuniibacter pectenicola* sp. nov. and *Neptuniibacter marinus* sp. nov., two novel species isolated from a great scallop (*Pecten maximus*) hatchery in Norway, and emended description of the genus *Neptuniibacter*. Systematic and Applied Microbiology 40: 80-85.
- Lasa, A., C.J. Gibas & **J.L. Romalde**. 2017. Comparative genomic analysis of *Vibrio toranzoniae* strains reveals clues on its pathogenicity for fish. Frontiers in Microbiology 8: 86.
- Lasa, A., & **J.L. Romalde**. 2017. Genome sequence of three *Psychrobacter* sp. strains with potential applications in bioremediation. Genomics Data 12: 7-10.
- Levican, A., A. Lasa, R. Irgang, **J.L. Romalde**, M. Poblete-Morales & R. Avendaño-Herrera. 2017. Isolation of *Vibrio tapetis* from two native fish species (*Genypterus chilensis* and *Paralichthys adspersus*) reared in Chile and description of *Vibrio tapetis* subsp. *quintayensis* subsp. nov. International Journal of Systematic and Evolutionary Microbiology 67: 716-723.
- Diéguez, A.L., S. Balboa, T. Magnesen & **J.L. Romalde**. 2017. *Arcobacter lekithochrous* sp. nov., a new species isolated from Great scallop (*Pecten maximus*). International Journal of Systematic and Evolutionary Microbiology 67: 1327-1332.
- Dubert, J., J.L. Barja & **J.L. Romalde**. 2017. New insights about pathogenic vibrios affecting hatcheries: present and future prospects. Frontiers in Microbiology 8: 762.
- Gerpe, D., N. Buján, A.L. Diéguez, A. Lasa & **J.L. Romalde**. 2017. *Kiloniella majae* sp. nov. isolated from spider crab (*Maja brachydactyla*) and pullet carpet shell clam (*Venerupis pullastra*). Systematic and Applied Microbiology 40: 274-279.
- Gulla, S., A. Rønneseth, H. Sørum, Ø. Vågnes, S. Balboa, **J.L. Romalde**, D. Colquhoun. 2017. *Vibrio tapetis* from wrasse used for bio-control of ectoparasites in salmon farming: phylogenetic analysis and serotyping. Diseases of Aquatic Organisms 125: 189-197.
- Diéguez, A.L., P. Pichon, S. Balboa, T. Magnesen, **J.L. Romalde**. 2017. Complete characterization of new isolates of *Neptunomonas phycophila* leads to emend its description and opens possibilities of biotechnological applications. MicrobiologyOpen 6: e519.
- Vercauteren, M., E. De Swaef, A. Declercq, L. Bosseler, G. Snorre, **J.L. Romalde**, L. Devriese, H. Polet, F. Boyen, K. Chiers & A. Decostere. 2018. First isolation of *Vibrio tapetis* and an atypical strain of *Aeromonas salmonicida* from skin ulcerations in common dab (*Limanda limanda*) in the North Sea. Journal of Fish Diseases 41: 329-335.
- **Romalde, J.L.**, E. Rivadulla, M.F. Varela & J.L. Barja. 2018. An overview of 20 years of studies on the prevalence of human enteric viruses in shellfish from Galicia (NW Spain). Journal of Applied Microbiology (Special issue on Applied Virology): 943-957.
- Buján, N., H. Mohammed, S. Balboa, **J.L. Romalde**, A.E. Toranzo, C.R. Arias, Beatriz Magariños. 2018. Genetic studies to re-affiliate *Edwardsiella tarda* fish isolates to *Edwardsiella piscicida* and *Edwardsiella anguillarum* species. Systematic and Applied Microbiology 41: 30-37.
- Varela, M.F., S. Monteiro, E. Rivadulla, R. Santos & **J.L. Romalde**. 2018. Development of a novel digital RT-PCR method for detection of human Sapovirus in different matrices. Journal of Virological Methods 254: 21-24.
- Varela, M.F., I. Ouardani, I., T. Kato, S. Kadoya, M. Aouni, D. Sano & **J.L. Romalde**. 2018. Sapovirus in wastewater treatment plants in Tunisia: Prevalence, removal, and genetic characterization. Applied and Environmental Microbiology 84: e02093-17.
- Polo D., I. García-Fernández, P. Fernández-Ibañez & **J.L. Romalde**. 2018. Hepatitis A virus disinfection in water by solar photo-Fenton systems. Food and Environmental Virology 10: 159-166.
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- Pérez-Cataluña, A., N. Salas-Massó, Ana L. Diéguez, S. Balboa, A. Lema, **J.L. Romalde**, M.J. Figueras. 2018. Revisiting the taxonomy of the genus *Arcobacter*: getting order from the chaos. *Frontiers in Microbiology* 9: 2077.
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PARTICIPATION ON 38 RESEARCH AND DEVELOPMENT PROJECTS ON AQUACULTURE (12 as PI) funded by National, Regional, European (EC) and American Institutions as well as a great number of Research and Technological Agreements with public and private enterprises.

Current projects:

- Study of the virulence mechanisms and their regulation in *Vibrio toranzoniae*, a new species with pathogenic potential in marine aquaculture. (AGL2016-77539-R). Ministry of Economy and Competitiveness (Spain).
- Dynamics of Antimicrobial Resistance in the Urban Water Cycle in Europe. (JPIAMR2016-088). JPI-ARM Program (EU).

PATENTS:

- Vaccine anti Enterococcus (ET-2) (Control de Estreptococosis). No. 9620157.
- Oral vaccine anti-lactococcus garvieae (Control de Lactococosis) No. P200301616
- PCR diagnostic method for *Virbio tapetis*.
- PCR diagnostic method for *Pseudomonas anguilliseptica*
- Vaccine anti *Pseudomonas anguilliseptica* (Control de Pseudomonadiosis). No. 200701260.

COMMUNICATIONS TO INTERNATIONAL AND NATIONAL CONGRESS: >250

SUPERVISION OF 20 DOCTORAL THESIS on Pathology in Aquaculture and Marine Microbiology.

PROFESSOR IN AQUACULTURE COURSES on different national and international Universities and Research Centers.

INVITED IN 30 NATIONAL AND INTERNATIONAL CONFERENCES, WORKSHOPS AND ROUND TABLES

AWARDS:

- Young Investigator 1994. ASM. (USA)

- Award "Ingeniero Comerma". University of Santiago (Spain)
- "Jaime Ferrán" for Young Scientific Career. SEM (Spanish Society for Microbiology). (Spain)

MEMBER OF THE COMMITTEE OF EXPERTS FOR THE EVALUATION OF THE FOLLOWING NATIONAL AND INTERNATIONAL PROGRAMMES :

- Comisión de Investigación Científica y Técnica (CICYT)(SPAIN)
- Dirección General de Investigación Científica y Tecnológica (DGICYT) (SPAIN).
- Comisión de Desarrollo Tecnológico e Industrial (CDTI) (SPAIN)
- Binational Agricultural Research & Development Fund (USA-Israel).
- VI and VII Frame Programs UE
- Agence National de la Recherche (France)

MEMBER OF EDITORIAL BOARD OF THE JOURNALS: Systematic and Applied Microbiology, Veterinary Microbiology, Ittiopatologia, Open Veterinary Science Journal, The Scientific World Journal, Advances in Biology, Open Veterinary Journal, Advances in Biology, Microbiology Discovery, Fishes.

ADVISOR OF DIFFERENT INTERNATIONAL JOURNALS IN AQUACULTURE AND MICROBIOLOGY (>30).

ORGANIZATION OF DIFFERENT INTERNATIONAL AND NATIONAL CONGRESSES AND COURSES, such as : Bivalve Shellfish Safety Management (2010 y 2015, with FAO and CIHEAM), 4th International Conference on Molluscan Shellfish Safety (2002) or The Fourth Conference on the Biology of Vibrios (2011).

PARTICIPATION IN THE EXPERT COMMITTEE OF THE EU on “Depuration and microbiological criteria for live bivalve molluscs”.

VOCAL OF THE BOARD OF THE SPANISH SOCIETY OF MICROBIOLOGY (SEM) (from 2009) **and PRESIDENT OF THE SPECIALIZED GROUP ON TAXONOMY, PHYLOGENY AND BIODIVERSITY** (from 2015) of SEM.

VICE CHANCELLOR OF DEGREES AND TEACHING AND RESEARCH STAFF of the University of Santiago de Compostela (Spain). 2012-2014.

HEAD OF THE DEPARTMENT OF MICROBIOLOGY AND PARASITOLOGY of the University of Santiago de Compostela (Spain). 2017-.