

# CURRICULUM VITAE

## 1. PERSONAL DETAILS

Name: **RODRÍGUEZ-LÁZARO, DAVID**  
 Born: 20.10.1973, Bilbao, Spain  
 Nationality: Spanish  
 Current work address: **University of Burgos**  
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**Dr. David Rodríguez-Lázaro** is a Doctor in Veterinary Medicine (DVM), specialised in Food Science (BSc and MSc) and Molecular Microbiology (PhD). He is an Associate Professor of Microbiology and head of the Microbiology Area at the University of Burgos. He has performed research stays in the Danish Institute for Food and Veterinary Research (Denmark), University of Prague (Czech Republic), the Food and Environmental Research Agency (UK), and the University of Bristol (UK). He was a Leverhulme visiting Professor in the Institute of Advanced Sciences in the University of Bristol during the years 2004 and 2005 and Marie Curie Research Fellow in the Faculty of Medical and Veterinary Sciences in the University of Bristol (UK) until 2007.

His research interest is focused on the establishment of reliable, quantitative molecular strategies for detection of important food-borne pathogens from environmental sources and various types of foodstuffs, the characterisation of the prevalence of the main foodborne pathogens in food and food related environments, and the development of emergent food preservation processes and their effects in the microbial virulence. He has participated in a number of coordinated EU-funded projects such as PROMISE, BASELINE, VITAL, FOOD-PCR, SACROHN, and MONI-QA, having established active links with the leading European research groups working in Food Safety.

He has published more than 100 international scientific papers (H-index: 27) and book or book chapters regarding to Food Safety. He is currently member of the editorial board of "*Applied and Environmental Microbiology*", "*International Journal of Food Microbiology*", "*Food and Environmental Virology*" and "*International Journal of Food Contamination*" and the editor-in-chief of the Journal "*Food Analytical Methods*".

He was awarded with the "XV Jaime Ferrán Award" in 2013 by the Spanish Society for Microbiology for his understanding promising scientific career in Microbiology. Since May 2016, he is member of the Academy of Veterinary Sciences of Castilla León (Spain). He is member of Scientific Committee of the Spanish Agency for Food Safety AECOSAN (Ministry of Health) since January 2017.

## 2. EDUCATION

- **PhD in Molecular Microbiology**  
 Grade: first-class ("sobresaliente *cum laude* por unanimidad") under the category "European Doctorate".  
 June, 2004. University of Girona, Spain.  
 Winner of the "Doctorate extraordinary award 2004", University of Girona.
- **Diploma in "Public Health"**  
 September, 2014. Fundación Instituto de Estudios de Ciencias de la Salud de Castilla y León / Escuela Nacional de Sanidad, Spain
- **MSc in Veterinary Science.** Division Food Technology.  
 Grade: first-class ("sobresaliente por unanimidad")  
 July, 2004. Faculty of Veterinary Science, University of León, Spain.
- **MSc in Food Science.**  
 September, 2001. Faculty of Veterinary Science, University of León, Spain.
- **Doctor in Veterinary Medicine (DVM).** Division Animal Health and Division Hygiene and Food Technology.  
 June, 1999. Faculty of Veterinary Science, University of León, Spain.

**3. PROFESSIONAL EXPERIENCE**

- 14/09/2015 to date **Head of Microbiology Division.** Faculty of Sciences, University of Burgos, Spain.
- 14/09/2015 to date **Associate Professor of Microbiology.** Faculty of Sciences, University of Burgos, Spain.
- 1/7/2007 - 13/9/2015 **Senior Scientist.** Instituto Tecnológico Agrario de Castilla y León (ITACYL). Valladolid, Spain. Food Safety Research Team, Leader.
- 1/10/2012 - 13/09/2015 **Assistant Professor of Microbiology.** Faculty of Sciences, University of Burgos, Spain.
- 12/2/2012 - 12/2/2013 **Visiting Research Fellow.** Faculty of Sciences, University of Burgos, Spain.
- 1/1/2007 - 30/6/2007 **I3P Researcher.** Institute for Molecular Biology and Genetics (IBGM) of the Spanish National Research Council (CSIC). Valladolid, Spain.
- 1/1/2007 - 31/1/2007 **Visiting Research Fellow.** Veterinary Pathology, Infection and Immunity, Faculty of Medical and Veterinary Sciences, University of Bristol, UK.
- 1/5/2005 - 31/12/2006 **Marie Curie Intra-European Research Fellow.** Veterinary Pathology, Infection and Immunity, Faculty of Medical and Veterinary Sciences, University of Bristol, UK.
- 1/1/3/2005 - 30/4/2005 **Visiting Research Fellow.** Bacterial Molecular Pathogenesis Group (Prof. José A. Vázquez-Boland), Faculty of Medical and Veterinary Sciences, University of Bristol, UK.
- 1/7/2004 - 28/2/2005 **Leverhulme Visiting Professor.** Institute for Advanced Science, University of Bristol, UK.
- 19/6/2004 - 31/12/2004 **Research Assistant.** Institute of Food and Agricultural Technology, University of Girona, Girona, Spain.
- 1/1/2002 - 17/6/2004 **PhD Student.** Institute of Food and Agricultural Technology, University of Girona, Spain.
- 7/15/2003 - 15/10/2003 **Research Visitor.** Environmental and Food Microbiology Group (Dr. Nigel Cook), DEFRA-Central Science Laboratory, York, UK.
- 1/10/2002 - 31/12/2002 **Research Visitor.** Environmental and Food Microbiology Group (Dr. Nigel Cook), DEFRA-Central Science Laboratory, York, UK.
- 1/10/2001 - 31/12/2001 **Research Visitor.** Department of Food Microbiology, Institute of Chemical Technology (Dr. Katerina Demnerova), University of Prague, Prague, Czech Republic.
- 1/3/2001 - 31/5/2001 **Research Visitor.** Laboratory of Molecular Bacteriology (Prof. Jeffrey Hoorfar), Danish Food and Veterinary Research Institute, Copenhagen, Denmark.
- 1/10/2000 - 28/2/2001 **Postgraduate Research fellowship.** Food Science and Technology Institute, University of León, Spain.
- 1/10/2000 - 31/12/2001 **PhD student.** Department of Animal Health (Microbiology), University of León, Spain.
- 1/7/1999 - 31/9/2000 **Research and Development manager.** GPI "Cecina de León", Astorga, León, Spain.
- 1/10/1995 - 31/6/1999 **Undergraduate research assistant.** Department of Animal Health, Veterinary Faculty, University of León, Spain.

**4. FELLOWSHIPS / CONTRACTS**

- 2015 **Associate Professor of Microbiology.** Faculty of Sciences, University of Burgos, Spain.
- 2007 **Tenured contract.** Instituto Tecnológico Agrario de Castilla y León (ITACYL). Valladolid, Spain.
- 2012 **Assistant Professor.** University of Burgos. Burgos, Spain.
- 2007 **I3P contract of the Spanish Research Council (CSIC) (I3P-PC2005L).** Institute for Molecular Biology and Genetics (IBGM) of the Spanish National Research Council (CSIC). Valladolid, Spain (3 years: 2007-2009). Spanish Ministry of Education and Science.
- 2007 **Visiting Research fellowship.** Faculty of Medical and Veterinary Sciences, University of Bristol, UK (1 year).
- 2005 **Marie Curie Intra-European Fellowship,** for research stay in the Bacterial Molecular Pathogenesis Group (Prof. José A. Vázquez-Boland), University of Bristol, UK (2 years: 2005-2007). European Commission.
- 2005 **Visiting Research fellowship,** for research stay in the Bacterial Molecular Pathogenesis Group (Prof. José A. Vázquez-Boland), University of Bristol, UK (2 months). University of Bristol, UK.
- 2004 **Leverhulme Visiting Professorship 2004/2005,** for research stay in the Institute for Advanced Sciences (Prof. Martin White), University of Bristol, UK (8 months). University of Bristol, UK.

- 2003 **University of Girona travel grant 2003**, for research stay in the Environmental and Food Microbiology Group (Dr. Nigel Cook), Central Science Laboratory, UK (3 months). University of Girona, Spain.
- 2002 **FEMS Fellowship for Young Scientists 2002**, for research stay in the Environmental and Food Microbiology Group (Dr. Nigel Cook), Central Science Laboratory, UK (3 months). Federation of European Microbiology Societies (FEMS).
- 2002 **PhD Research Fellowship**, University of Girona, Spain (3 years: 2002-2004).
- 2001 **Spanish Abroad Business Research Fellowship** (Ref no. 17.328/2001-11-001), for research stay in the Food Microbiology Group (Prof. Katarina Demnerova), Institute of Chemical Technology, University of Prague, Czech Republic. Spanish Government.
- 2001 **European Commission Leonardo da Vinci Research Grant (Transferring / RD)** for research stay in the Laboratory of Molecular Bacteriology (Prof. Jeffrey Hoorfar), Danish Institute for Food and Veterinary Research, Denmark. European Commission.
- 2000 **MonteLeón Foundation Research Grant**, for Research Project in the Food Science and Technology Institute, University of León, Spain. MonteLeón Foundation, León, Spain.

## 5. AWARDS AND HONOURS

- 2016 **Member of the Academy of Veterinary Sciences of Castilla y León**. Academy of Veterinary Sciences of Castilla y León, León, Spain
- 2013 **XV Premio Jaime Ferrán**. Biannual award granted by the Spanish Society for Microbiology (SEM) to scientist (under 40 years) with an outstanding scientific career in Microbiology.
- 2012 **C-E.N.T.E.R. Dissemination Award 2012 “Identification of good practices in the field of dissemination and exploitation of EU projects results”** for the project outcomes of “From Farm to Fork European Food Safety Legislation Training Programme (2009-1- TR1-LEO05-08647)”
- 2004 **“Doctorate extraordinary award”** to the best PhD Thesis in Biological Sciences, University of Girona, Spain.
- 2003 **“1<sup>st</sup> FEMS Congress Attendance Junior Grant”**, Federation of European Microbiology Societies (FEMS).
- 2002 **“MonteLeón Foundation Award for Young researchers”** for the research work titled “Aproximación al perfil sensorial de la “Cecina de León”. MonteLeón Foundation (León, Spain).

## 6. PUBLICATIONS

\*: corresponding author.

### 6.1 ORIGINAL ARTICLES IN INTERNATIONAL JOURNALS (89)

*Hirsch Index* = 27

1. Rodríguez-Lázaro, D.\*, Oniciuc, E.A., González-García, P., Gallego, D., Fernández-Natal, I., Domínguez-Gil, M., Eiros-Bouza, J.M., Wagner, M., Nicolau, A.I., Hernández, M. Detection and characterization of Staphylococcus aureus and Methicillin-resistant S. aureus in foods confiscated in EU borders. *Frontiers Microbiol.* In press. *Impact Factor: 4.067 (in 2016)*
2. Sánchez-Benito R, Iglesias MR, Quijada NM, Campos MJ, Ugarte-Ruiz M, Hernández M, Pazos C, Rodríguez-Lázaro D, Garduño E, Domínguez L, Quesada A. *Escherichia coli* ST167 carrying plasmid mobilisable *mcr-1* and *bla*CTX-M-15 resistance determinants isolated from a human respiratory infection. *Int J Antimicrob Agents.* In press. 10.1016/j.ijantimicag.2017.05.005. *Impact Factor: 4.307 (in 2016)*
3. Adserias-Garriga, J., Quijada, N.M., Hernandez, M., Rodríguez Lázaro, D., Steadman, D., Garcia-Gil, J. Dynamics of the Oral Microbiota as a Tool to Estimate Time Since Death. *Mol. Oral Microbiol.* In press. DOI: 10.1111/omi.1219. *Impact Factor: 2.908 (in 2016)*
4. Rodríguez-Lázaro, D.\*, López-Enríquez, L. Ocampo-Sosa, A.A., Muñoz, P., Blasco, J.M., Marín, C., and Hernández. Evaluation of *eryC* as a molecular marker for the quantitative detection of *Brucella* spp. by real-time PCR in food samples. *Food Anal Methods.* In press. DOI 10.1007/s12161-017-0822-5. *Impact Factor: 2.038 (in 2016)*
5. Hernández, M., López-Enríquez, L., and Rodríguez-Lázaro, D.\*. Quantitative detection of *Clostridium perfringens* by Real-Time PCR in raw milk. *Food Anal Methods.* In press. DOI 10.1007/s12161-017-0821-6. *Impact Factor: 2.038 (in 2016)*

6. Valero, A., Ortiz, J.C., Fongaro, G., Hernández, M., Rodríguez-Lázaro, D. \* (2017) Definition of sampling procedures for collective-eating establishments based on the distribution of environmental microbiological contamination on food handlers, utensils and surfaces. *Food Control* 77: 8-16. *Impact Factor: 3.496 (in 2016)*
7. Oniciuc, E.A., Nicolau, A.I., Hernández, M., and Rodríguez-Lázaro, D.\* (2017) Presence of methicillin-resistant *Staphylococcus aureus* in the food chain. *Trends in Food sci Techn.* 61: 49-59. *Impact Factor: 5.191 (in 2016)*.
8. Fongaro, G., García, M.C., Hernández, M., Kunz, A., Barardi, C. and Rodríguez-Lázaro, D.\* (2017) Different behaviour of enteric bacteria and viruses in clay and sandy soils after biofertilization with swine digestate. *Front Microbiol.* 8: 74. *Impact Factor: 4.076 (in 2016)*
9. Quijada NM, Fongaro G, Barardi CR, Hernández M, Rodríguez-Lázaro D.\* (2016) Propidium Monoazide Integrated with qPCR Enables the Detection and Enumeration of Infectious Enteric RNA and DNA Viruses in Clam and Fermented Sausages. *Front Microbiol.* 7:2008. *Impact Factor: 4.067*
10. Dwibedi, C., Birdsall, D., Lärkeryd, A., Myrtenäs, K., Öhrman, C., Nilsson, E., Karlsson, E., Hochhalter, C., Rivera, A., Maltinsky, S., Bayer, B., Keim, P., Scholz, H.C., Tomaso, H., Wittwer, M., Pilo, P., Hernández, M., Rodríguez-Lázaro, D., Escudero-Nieto, R., Anda, P., Forsman, M., Wagner, D., Larsson, P., Johansson, A. (2016) Long-range dispersal moved *Francisella tularensis* into Western Europe from the East. *Microbial Genomics.* 2: e000100.
11. D'Agostino, M., Robles, S., Hansen, F., Ntakis, V., Ikonopoulou, J., Kokkinos, P., Alvarez-Ordóñez, A., Jordan, K., Delibato, E., Kukier, E., Sieradzki, Z., Kwiatek, K., Milanov, D., Petrović, T., Gonzalez-Garcia, P., Rodríguez-Lázaro, D., Jackson, E.E., Forsythe, J.F., O'Brien, L., Cook, N. (2016) Validation of a Loop-Mediated Amplification/ISO 6579-Based Method for Analysing Soya Meal for the Presence of *Salmonella enterica*. *Food Anal. Meth.* 9: 2979-2985 *Impact Factor: 2.038*
12. Fernández-Natal I., Marrodán-Ciordia, T., Rodríguez-Lázaro, D., Sáez-Nieto, J.A., Valdezate-Ramos, S., Rodríguez-Pollán, R.H., Tauch, A. Soriano, F. Characterization and antimicrobial susceptibility of one antibiotic-sensitive and one multidrug-resistant *Corynebacterium kroppenstedtii* strain isolated from patients with granulomatous mastitis. *New Microbes New Infect.* 14: 93-97
13. Fernández-Natal I, Sáez-Nieto JA, Rodríguez-Lázaro D., Valdezate-Ramos S, Parras-Padilla T, Medina MJ, Rodríguez-Pollán RH, Blom J, Tauch A, Soriano F. (2016) Phenotypic, molecular characterization, antimicrobial susceptibility and draft genome sequence of *Corynebacterium argentoratense* strains isolated from clinical samples. *New Microbes New Infect.* 10: 116-121.
14. Fongaro G, Hernández M, García-González MC, Barardi CR, Rodríguez-Lázaro D.\* (2016) Propidium Monoazide Coupled with PCR Predicts Infectivity of Enteric Viruses in Swine Manure and Biofertilized Soil. *Food Environ Virol.* 8: 79-85. *Impact Factor: 1.847.*
15. Ruhanya, V., Díez-Valcarce, M., D'Agostino, M., Cook, N., Hernández M, and Rodríguez-Lázaro, D.\* (2015) Monitoring of extraction efficiency by a sample process control virus added immediately upon sample receipt. *Food Environ Virol.* 7: 413-416. *Impact Factor: 2.338.*
16. Ariza-Miguel, J., Fernández-Natal, M.I., Soriano, F., Hernández, M., Stessl, B., Rodríguez-Lázaro, D.\* Molecular epidemiology of invasive listeriosis due to *Listeria monocytogenes* in a Spanish hospital over a nine-year study period, 2006-2014. *BioMed Res Int.* 2015: 191409. *Impact Factor: 2.134.*
17. Rodríguez-Lázaro, D.\*, Díez-Valcarce, M., Montes-Briones, R., Gallego, D., Hernández, M., Rovira, J. Presence of pathogenic enteric viruses in illegally imported meat and meat products to EU by international air travelers. *Int. J. Food Microbiol.* 209: 39-43. *Impact Factor: 3.445.*
18. Oniciuc, E.A., Ariza-Miguel, J., Bolocan, A.S., Díez-Valcarce, M., Rovira, J., Hernández, M., Fernández-Natal, I., Nicolau, A.I., Rodríguez-Lázaro, D.\* Foods from black market at EU border as a neglected route of potential Methicillin-Resistant *Staphylococcus aureus* transmission. *Int. J. Food Microbiol.* 209: 34-38. *Impact Factor: 3.445.*
19. Rodríguez-Lázaro, D.\*, Ariza-Miguel, J., Díez-Valcarce, M., Fernández-Natal, I., Hernández, M., Rovira, J. Foods confiscated from non-EU flights as a neglected route of potential Methicillin-Resistant *Staphylococcus aureus* transmission. *Int. J. Food Microbiol.* 209: 29-33. *Impact Factor: 3.445.*
20. Ariza-Miguel; J., Oniciuc; E.A., Sanz. I., Fernández-Natal, I., Hernández, M., Rodríguez-Lázaro, D. Evaluation of two commercially available chromogenic media for Confirmation of Methicillin-Resistant *Staphylococcus aureus* from human, animal, and food samples. *Int. J. Food Microbiol.* 209: 26-28. *Impact Factor: 3.445.*
21. Rodríguez-Lázaro, D.\*, Ariza-Miguel, J., Díez Valcarce, M., Stessl, B., Beutlich, J., Fernández-Natal, I., Hernández, M., Wagner, M., Rovira, J. Identification and molecular characterization of pathogenic bacteria in foods confiscated from non-EU flights passengers at one Spanish Airport. *Int. J. Food Microbiol.* 209: 20-25. *Impact Factor: 3.445.*
22. Wagner, M., Skandamis, P., Rodríguez-Lázaro, D.\*, (2015). What stimulated a consortium to settle some pieces of information on neglected routes of pathogen transmission? *Int. J. Food Microbiol.* 209: 1-2 *Impact Factor: 3.445.*

23. Fernández-Natal, MI, Soriano, F., Acedo, A., Hernandez, M., Tauch, A., Rodríguez-Lázaro, D.\* (2015) Draft Genome Sequences of the Two Unrelated Macrolide-Resistant *Corynebacterium argenteratense* Strains CNM 463/05 and CNM 601/08, Isolated from Patients in the University Hospital of León, Spain. *Genome Announcements* 4: e00765-15.
24. Fernández-Natal, M.I., Soriano, F., Ariza-Miguel, J., Marrodan-Ciordia, T., Acedo, A., Hernandez, M., Tauch, A., Rodríguez-Lázaro, D.\* (2015) Draft genome sequences of *Corynebacterium kroppenstedtii* CNM633/14 and CNM632/14, multidrug-resistant and antibiotic-sensitive isolates from nodules of granulomatous mastitis patients. *Genome Announcements*. 3: e00525-15.
25. Muhterem-Uyara, M., Dalmasso, M., Bolocan, A.S., Hernandez, M., Kapetanakouf, A. E. , Kuchta, T., Manios, S.G., Melero, B., Minarovičová, J., Nicolau, A.I., Rovira, J., Skandamis, P., Jordan, K., Rodríguez-Lázaro, D., Stessl, B., Wagner, M. (2015) Environmental sampling for *Listeria monocytogenes* control in food processing facilities reveals three contamination scenarios. *Food Control*. 51: 94-107. *Impact Factor: 3.388*.
26. Rodríguez-Lázaro, D.\*, Gonzalez-García, P., Valero, A., Hernandez, M. (2015) Application of the SureTect detection methods for *Listeria monocytogenes* and *Listeria* spp. in meat, dairy, fish and vegetable products. *Food Anal. Methods*. 8: 1-6. *Impact Factor: 2167*.
27. Ariza-Miguel, J., Hernández, M., Fernández-Natal, I., Rodríguez-Lázaro, D.\* (2014) Molecular epidemiology of methicillin-resistant *Staphylococcus aureus* in a university hospital in northwestern Spain. *Int. Microbiol.* 17:149-157. *Impact Factor: 1.326*.
28. Ariza-Miguel, J., Hernández, M., Fernández-Natal, I., Rodríguez-Lázaro, D.\* (2014) Methicillin-Resistant *Staphylococcus aureus* Harboring *mecC* in Livestock, Spain. *J. Clin. Microbiol.* 52: 4067-4069. *Impact Factor: 3.993*
29. Gianfranceschi, M.V., Rodríguez-Lázaro, D., Hernandez, M., Gonzalez-García, P., Comin, D., Gattuso, A., Delibato, E., Sonnessa, M., Pasquali, F., Prencipe, V., Sreter-Lancz, S., Saiz-Abajo, M.J., Perez-De-Juan, J., Butrón, J., Kozacinski, L., Horvatek Tomic, D., Zdolec, N., Johannessen, F.S. Jakociune, D., Olsen, J.O., De Santis, P., Lovari, S., Bertasi, B., Pavoni, E., Paiusco, A. De Cesare, A., Manfreda, G., De Medici, D. (2014) European validation of a Real-Time PCR-based method for detection of *Listeria monocytogenes* in soft cheese. *Int. J. Food Microbiol.* 184: 134-138, *Impact Factor: 3.082*.
30. Delibato, E., Rodríguez Lázaro, D., Gianfranceschi, M., De Cesare, A., Comin, D., Gattuso, A., Hernandez, M., Sonnessa, M., Pasquali, F., Sreter-Lancz, Z., Saiz-Abajo, M.J., Pérez-De-Juan, J., Butrón, J., Prukner-Radovic, E., Horvatek, D., Johannessen, G.S., Jakočiūnė, D., Olsen, J.E., Chemaly, M., Le Gall, F., González-García, P., Lettini, A.A., Lukac, M., Quesne, S., Zampieron, C., De Santis, P., Lovari, D., Bertasi, B., Pavoni, E., Proroga, Y.T., Capuano, F., Manfreda, G., and Dario De Medici. (2014) European validation of a Real-Time PCR method for detection of *Salmonella* spp. in pork meat. *Int. J. Food Microbiol.* 184: 128-133, *Impact Factor: 3.082*.
31. Rodríguez-Lázaro, D.\*, Gonzalez-García, P., Delibato, E., De Medici, D., García-Gimeno, R.M., Valero, A., Hernandez, M. (2014) Next day *Salmonella* spp. detection method based on real-time PCR for meat, dairy and vegetable food products. *Int. J. Food Microbiol.* 184: 113-120, *Impact Factor: 3.082*.
32. Gattuso, A., Gianfranceschi, M.V., Sonnessa, M., Delibato, E., Marchesan, M., Hernandez, M., De Medici, D., Rodríguez-Lázaro, D. (2014) Optimization of a Real Time PCR based method for the detection of *Listeria monocytogenes* in pork meat. *Int. J. Food Microbiol.* 184: 106-108, *Impact Factor: 3.082*.
33. Rodríguez-Lázaro, D.\*, Gonzalez-García, P., Gattuso, A., Gianfranceschi, M.V., Hernandez, M. (2014) Reducing time in the analysis of *Listeria monocytogenes* in meat, dairy and vegetable products. *Int. J. Food Microbiol.* 184: 98-105, *Impact Factor: 3.082*.
34. Pérez-Rodríguez, F., González-García, P., Valero, A., Hernández, M., Rodríguez-Lázaro, D.\* (2014) Impact of the prevalence of different pathogens on the performance of sampling plans in lettuce products. *Int. J. Food Microbiol.* 184: 69-73, *Impact Factor: 3.082*.
35. Valero, A., Hernandez, M., De Cesare, A., Manfreda, G., García-Gimeno, R.M., González-García, O., Rodríguez Lázaro, D.\* (2014) Probabilistic approach for determining *Salmonella* spp. and *L. monocytogenes* concentration in pork meat from presence/absence microbiological data. *Int. J. Food Microbiol.* 184: 60-63, *Impact Factor: 3.082*.
36. Manfreda, G., Valero, A., Rodríguez-Lázaro, D., Hernández, M., Pasquali, F., De Cesare, A. (2014) Performance Objectives for *Salmonella* in fresh pork meat intended to be eaten cooked: how to derive them and verify their achievement. *Int. J. Food Microbiol.* 184: 55-59, *Impact Factor: 3.082*.
37. De Cesare, A. Valero, A., Rodríguez-Lázaro, D., Hernández, M., Pasquali, F., Manfreda, G. (2014) Proposal of Performance Objectives and sampling schemes for *Listeria monocytogenes* in fresh meat intended to be eaten cooked under different storage practices *Int. J. Food Microbiol.* 184: 50-54, *Impact Factor: 3.082*.
38. Valero, A., Hernandez, M., De Cesare, A., Manfreda, G., González-García, P. and Rodríguez Lázaro, D.\* (2014) Survival kinetics of *Listeria monocytogenes* on raw sheep milk cured cheese under different storage temperatures *Int. J. Food Microbiol.* 184: 39-44. *Impact Factor: 3.082*.

39. Manfreda, G., De Cesare, A., Rodríguez-Lázaro, D.\* (2014) Selection and improving of fit-for-purpose sampling procedures for specific foods and risks. *Int. J. Food Microbiol.* **184**: 1. *Impact Factor: 3.082.*
40. Ariza-Miguel, J., Johansson, A., Fernández-Natal, M.I., Martínez-Nistal, C., Orduña, A., Rodríguez-Ferri, E.F., Hernández, M., Rodríguez-Lázaro, D.\* (2014) Molecular Investigation of Tularemia Outbreaks in Spain, 1997-2008. *Emerg. Inf. Dis.* **5**: 754-761. *Impact Factor: 6.751.*
41. Dalmaso, M., Bolocan, A.S., Hernandez, M., Kapetanakou, A.E., Kuchta, T., Manios, S.G., Melero, B., Miňarovičová, J., Muhterem, M., Nicolau, A.I., Rovira, J., Skandamis, P.N., Stessl, B., Wagner, M., Jordan, K., Rodríguez-Lázaro D. (2013). Comparison of Polymerase Chain Reaction methods and plating for analysis of enriched cultures of *Listeria monocytogenes* when using the ISO11290-1 method. *J Microbiol Methods.* **98**: 8-14. *Impact Factor: 2.096.*
42. Montero, O., Velasco, M., Rodríguez-Lázaro, D. and Hernández, M. (2013) Analysis of cheese small molecules by UPLC-QToF-MS and multivariate statistical methods using several extraction procedures. *Food Anal. Methods.* **6**: 1497-1507. *Impact Factor: 1.802*
43. Frandoloso, R. Martínez-Martínez, S, Rodríguez-Ferri, E.F., Yubero, S., Rodríguez-Lázaro, D., Hernández, M. and Gutiérrez-Martín, C.B. (2013) Gene expression of proinflammatory cytokines and chemokines in pigs immunized and challenged with *Haemophilus parasuis*. *Clin. Develop. Immunol.* Article ID 132432. *Impact Factor: 2.934*
44. Verhaelen, K., Bouwknegt, M., Carratalà, A., Lodder-Verschuur, F., Diez-Valcarce, M., Rodríguez-Lázaro, D., de Roda Husman, A.M., and Rutjes, S.A. (2013) Virus transfer proportions between gloved fingertips, soft berries, and lettuce, and associated health risks. *Int. J. Food Microbiol.* **166**: 419-425. *Impact Factor: 3.155.*
45. Ariza, J., Rodríguez-Lázaro\*, D. and Hernandez, M. (2013) Molecular Characterization of *Mycoplasma agalactiae* Reveals the Presence of an Endemic Clone in Spain. *J. Clin. Microbiol.* **51**: 656-660. *Impact Factor: 4.232.*
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10. Rodríguez-Lázaro, D., García-Arias, T., Capita, R. T., Hernández Pérez, M., y Alonso Calleja, C. (2002) Cecina de León: un alimento nutritivo y saludable. *Alimentación, Equipos y Tecnología* **21**: 59-69.

11. Rodríguez Lázaro, D., Hernández Pérez, M.; Capita, R., y Alonso Calleja, C. (2002) Diseño y propuesta de hojas de cata para la *Cecina de León* Eurocarne 105: 99-110.
12. Rodríguez Lázaro, D. (2000) *Cecina de León: historia y conceptos generales*. Revista de la Asociación de Industrias de la Carne de España (AICE) 70: 13-18.
13. Rodríguez Lázaro, D. (2000) Las denominaciones de calidad: una forma de garantizar la calidad alimentaria. Revista de la Asociación de Científicos y Tecnólogos de los Alimentos de Castilla y León (ACTA/CL) 9: 13-16.
14. Rodríguez Lázaro, D. (2000) Un primer acercamiento a la “*Cecina de León*”: historia y conceptos generales. Revista de la Asociación de Científicos y Tecnólogos de los Alimentos de Castilla y León (ACTA/CL) 10: 5-8.

## 7. PATENTS

- Patent P200400484 “Oligonucleótidos específicos para la detección, identificación y cuantificación de ciertas cepas de *Listeria*”. Share: 37.5 %
- Patent ES2319038-A1; ES2319038-B1 “Oligonucleótidos específicos para la detección, identificación y cuantificación de aislados de *Clostridium tyrobutyricum*”. Share: 37.5 %
- Patent ES2317804-A1; ES2317804-B1 “Oligonucleótidos específicos para la detección, identificación y cuantificación de aislados de *Mycoplasma agalactiae*”. Share: 37.5 %

## 8. RESEARCH PROJECTS

### European Projects (14)

1. **European network for European Network for Foodborne Parasites in Europe (EURO-FBP)**. COST Action FA1408 (5 years)
2. **Improving Food Safety Practice in Meat Sector (SAFEMEAT\_EU)**. European Commission. Leonardo da Vinci programme (2 years)
3. **Protection of consumers by microbial risk mitigation through combating segregation of expertise (PROMISE)**. Small Collaborative Project. European Commission. VII Research Framework program. (3 years).
4. **European network for development of electroporation-based technologies and treatments (EP4Bio2Med)**. COST Action TD1104. (3 years).
5. **Selection and improving of fit-for-purpose sampling procedures for specific foods and risks (BASELINE)**. Large Collaborative Project. European Commission. VII Research Framework program. (4 years).
6. **Integrated monitoring and control of foodborne viruses in European food supply chains (VITAL)**. Small Collaborative Project. European Commission. VII Research Framework program. (3 years).
7. **From Farm to Fork European Food Safety Legislation Training Programme (2009-1- TR1-LEO05-08647)**. European Commission. Leonardo da Vinci programme. (2 years).
8. **A European Network for Environmental and Food Virology (COST 929)** European Commission. COST Actions (3 años).
9. **Evaluation of microbial food hazards and study of the effect of novel food processes on the virulence of foodborne pathogens (FOODPATH)**. European Commission-funded project (Marie Curie European Re-Integration Grants). VII Framework Programme. (3 years)
10. **Towards Harmonisation Regarding Monitoring The Hazards In The Food Supply Chain (MONIQA)** European Commission-funded Network of Excellence project. VI Framework Programme (5 years).
11. **From Farm to Fork Food Safety Specialist Training Program (TR/06/B/F/PP/178050)**. European Commission. Leonardo da Vinci programme. (2 years).
12. **Mimicry of host cell functions by microbial pathogens: subversion of ceramide signalling by a bacterial (*Listeria*) sphingomyelinase during intracellular infection (SIGNALIS)**. European Commission-funded project. VI Framework Programme (Human Resources and Mobility Activity. Marie Curie Actions) (2 years).
13. **Improvement of prevention, diagnosis and treatment of sarcoidosis and Crohn’s disease (SACRHON)**. European Commission-funded project QLK1-CT-2000-00928. V Framework Programme. (6 months).
14. **Validation and standardisation of diagnostic polymerase chain reaction for detection of foodborne pathogens (FOOD-PCR)**. European Commission-funded project QLK1-CT-1999-00226. V Framework Programme. (6 months).

### Spanish Projects (9)

1. **Analysis of route of transmission of colistin resistance along the food chain: genomic and phylogenetic characterisation of the bacterial strains isolated in Spain.** Spanish Ministry of Science. (3 years). Principal Investigator.
2. **Strategic Research Action in milk and dairy products.** Spanish Ministry of Science. (1 year).
3. **Integrated analysis and control of *Toxoplasma gondii* and enteric viruses in the food chain.** Spanish Ministry of Science. (3 years). Principal Investigator.
4. **Application of emerging technologies for elimination of *Listeria monocytogenes* in fermented sausages and the sources of contamination (high hydrostatic pressure and electrolised water).** Spanish Ministry of Science. (3 years).
5. **Assesment of novel physical microbial inactivation treatments for reducing associated risk to emerging pathogenic microorganisms in ready-to-eat products.** Spanish Ministry of Science. (3 years). Principal Investigator.
6. **Detection, phylogenia and molecular ecology of the microbiota associated to contagious agalctia.** Spanish Ministry of Science. (3 years). Principal Investigator.
7. **Origin, identification, and molecular characterisation of the microbiota associated to late blowing in cheeses.** Spanish Ministry of Science. (3 years).
8. **Support for the proposal "Selection and improving of fit-for-purpose sampling procedures for specific foods and risks" for the FP7-KBBE-2007-2A call of the VII European Framework program.** Support action. Spanish Ministry of Science. (1 year). Principal Investigator.
9. **Food Safety in meat products: Application of emerging conservation procedures and assesment of pathogenic microorganisms by novel molecular techniques.** Spanish Ministry of Science. (3 years)

Regional Projects (19)

1. **"Prevalence of *Campylobacter jejuni* y *C. coli* along the poultry food chain, from farm to fork, with special emphasis on virulence factors"** Junta de Castilla y León. Ref. BU159U14 BOCYL n° 222 18/11/14 (2 years: 01/01/2015-31/12/2016), 29,000 €
2. **Assesment of the common vole outbreak in Castilla y León (2007-2008): Detection of biological agents.** Junta de Castilla y León (3 years). Principal Investigator. 75,000 €
3. **Preliminary study of the application of high hydrostatic pressure for the control of foodborne viruses and protozoa in RTE vegetables.** ITACyL Project (1 year). Principal Investigator. 5,000 €
4. **Risk assesment of foodborne pathogens (*Listeria monocytogenes* and *Salmonella*) in RTE foods II.** ITACyL Project (1 year). Principal Investigator. 5,000 €
5. **Risk assesment of foodborne pathogens (*Listeria monocytogenes* and *Salmonella*) in RTE foods I.** ITACyL Project (1 year). Principal Investigator. 5,000 €
6. **Identification and quantification of *Enterobacter sakazakii* using flow cytometry: Mathematical modelling.** Regional Ministry of Health (1 year). 9,000 €
7. **Novel molecular techniques for rapid and sensitive detection of *Enterobacter sakazakii*.** Regional Ministry of Health (1 year). 8,000 €
8. **Development of a diagnostic kit for the risk assessment associated to *Enterobacter sakazakii* in the production of infant formula.** ITACyL Project (1 year). Principal Investigator. 5,000 €
9. **Validation of a real-time PCR method for *Mycoplasma agalactiae* detection.** ITACyL Project (1 year). 5,000 €
10. **Determination of the factors affecting *Clostridium tyrobutyricum* counts in milk and development of automatised techniques for the analysis in milk (Ref 04/06/PA/0018).** Funding Body: Regional Economy Ministry (3 years). 188,000 €
11. **Study of alternative methods for preventing contagious agalactia using molecular detection of *Mycoplasma agalactiae*.** ITACyL Project (1 year). 5,000 €
12. **Development of a scientific pilot plant for food technology.** Entidad Financiadora: ITACyL. (3 años). Principal Investigator. 250,000 €
13. **Therapeutic effect of probiotics in active Crohn's disease. Study of their mechanism of action. Prospective randomised, double-blind trial comparing exclusive enteral nutrition with a symbiotic composition versus exclusive enteral nutrition with placebo for four weeks.** Fundación Marató TV3. (3 years).
14. **Production of vegetable products in low fat content snacks using vacuum frying technology.** ITACyL Project (1 year). Principal Investigator. 5,000 €

15. **Assessment of emerging technologies to increase the post-harvest commercial shelf-of vegetables.** ITACyL Project (1 year). Principal Investigator. 5,000 €
16. **Application of novel frying technologies in vegetables.** ITACyL Project (3 years). Principal Investigator. 99,000 €
17. **Assessment of desinfection plant for irrigation water for the channel of Babilafuente.** ITACyL Project (1 year). 18,000 €
18. **Development of novel food products using vacuum frying technology.** Funding Body: ITACyL. (3 years). Principal Investigator. 35,000 €
19. **Sensorial analysis of the meat product "Cecina de León".** University of León. (5 months). 3,000 €

#### Research Contracts with the Industry (14)

1. **"Scientific assessment on food safety microbiology in the facilities and productos of the company Quesos Entrepinares"** Company: Quesos Entrepinares. Funding Body: Company resources. 1 year. Principal investigator. 49.400 €,
2. **"Study of the microbiological shelf life of RTE cooked vegetables"** Company: Huercasa, S.L. Funding Body: Company resources. 1 year. Principal investigator. 23.942 €.
3. **"Evaluation of the impact of different control strategies in the shelf-life safety and quality of RTE vegetable products"** Company: Patatas Meléndez. Funding Body: Junta de Castilla y León, 312.890,67 €, 3 years. Principal Investigator.
4. **"Scientific advice on safety and quality of fresh products and derived foods"** Company: Patatas Meléndez. Funding Body: Junta de Castilla y León, 215.293,87 €, 3 years. Principal Investigator.
5. **"Scientific advice on safety and quality of innovative food products"** Company: Industria Gastronómica Cascajares. Funding Body: Junta de Castilla y León, 235.992,77 €, 3 años. Principal Investigator.
6. **"Innovation on RTE products of Castilla y León: Development of novel products"** Company: Víctor Bernabé e Hijos. Funding Body: Junta de Castilla y León, 11.800,00 €, 2 years. Principal Investigator.
7. **"Valorisation of new processes for the obtaining of novel seafood products"** Company: Gamba Fresh. Funding Body: Junta de Castilla y León, 12.000,00 €, 2 years. Principal Investigator.
8. **"Assessment of the risk management of the food chain in the company Prado Vega S.A.U.: monitoring of the main foodborne pathogens (bacteria and viruses)".** Company: PRADO VEGA, S.A.U. Funding Body: Junta de Castilla y León, 643.014,93 €. 3 years.
9. **"Assessment of the impact of different emerging desinfection strategies in the food safety and quality of RTE salads"** Company: Verdifresh. Funding Body: Junta de Castilla y León, 48.720,00 €, 2 years. Principal Investigator.
10. **"Innovation on production process of vegetable products: Design and development of RTE products using products of Castilla y León"** Company: Patatas Meléndez. Funding Body: Junta de Castilla y León, 723,019.88 €, 3 years. Principal Investigator.
11. **"Development of novel food products using vacuum frying technology".** Company: Patatas Meléndez. Funding Body: CDTI, 115.617,2 €, 3 years. Principal Investigator.
12. **"Assessment of microbiological quality of catering and RTE products"** Company: ARMARK. Funding Body: ARMARK, 4.756 €, 1 year. Principal Investigator.
13. **"Assessment of the presence of *Clostridium botulinum* in catering and RTE products"** Company: ARMARK. Funding Body: ARMARK, 2.610 €, 1 year. Principal Investigator.
14. **"Design and development of novel RTE food products using products of Castilla y León".** Company: Industria Gastronómica Cascajares. Funding Body: Junta de Castilla y León, 220,492.30 €, 3 years. Principal Investigator.

## 9. TEACHING EXPERIENCE

### 9.1 UNDERGRADUATE LEVEL

- From 2012-13 Food Microbiology and Parasitology II. 2<sup>nd</sup> course in Food Science and Technology. Faculty of Sciences. University of Burgos (12.8 ECTS). Coordinator of the subject
- From 2012-2013 Microbiology. 1<sup>st</sup> course in Food Science and Technology. Faculty of Sciences. University of Burgos (7.5 ECTS).
- 2014-2015 Microbiology. 2<sup>nd</sup> course in Food Engineering. Engineering School. University of Burgos. (3 ECTS).

2014-2015	Food Microbiology and Parasitology I. 2 <sup>nd</sup> course in Food Science and Technology. Faculty of Sciences. University of Burgos (0.1 ECTS). Coordinator of the subject
2012-2013	Food Microbiology and Parasitology I. 2 <sup>nd</sup> course in Food Science and Technology. Faculty of Sciences. University of Burgos (4.6 ECTS).
2003-2004	General and Food Microbiology. 2 <sup>nd</sup> course in Food Engineering. Polytechnic School. University of Girona (3 credits).
2002-2003	General and Food Microbiology. 2 <sup>nd</sup> course in Food Engineering. Polytechnic School. University of Girona (4.5 credits).

## 9.2 POSTGRADUATE LEVEL

2013-2014	Advances techniques for food processing and conservation. Master (MSc) in Food Quality, development and Innovation. Polytechnic School. University of Valladolid (1.5 credits).
2013-2014	Initiation to research. Master (MSc) in Food Quality, development and Innovation. Polytechnic School. University of Valladolid (1.75 credits).
2013-2014	Food Additives and technological functionality. Master (MSc) in Food Quality, development and Innovation. Polytechnic School. University of Valladolid (1.25 credits).
2007-2009	“Biosafety”. Doctorate Program “Basic and Clinical Research on Podiatry, Immunology, and Nutrition-Bromatology”. Universidad de Valladolid (4 Credits).
2007-2009	“Zoonosis and Emerging Foodborne Zoonosis”. Doctorate Program “Basic and Clinical Research on Podiatry, Immunology, and Nutrition-Bromatology”. Universidad de Valladolid (4 Credits).
2007-2009	“Food Safety and Quality: basis and Frontiers”. Doctorate Program “Basic and Clinical Research on Podiatry, Immunology, and Nutrition-Bromatology”. Universidad de Valladolid (4 Credits).
2007-2009	“Molecular techniques in Food Safety, Quality and Traceability”. Doctorate Program “Basic and Clinical Research on Podiatry, Immunology, and Nutrition-Bromatology”. Universidad de Valladolid (4 Credits).
2007-2009	Tutor of the following research programs within the Doctorate Program “Basic and Clinical Research on Podiatry, Immunology, and Nutrition-Bromatology” of the Universidad de Valladolid: <ul style="list-style-type: none"> <li>- “Predictive Microbiology and Food Risk Assessment” (12 Credits).</li> <li>- “Foodborne pathogens and spoiling microorganisms” (12 Credits).</li> <li>- “Food Molecular Genetics” (12 Credits).</li> </ul>
2006	“Herramientas moleculares en el análisis microbiológico de los alimentos: tendencias y retos actuales”. Curso de Verano “Herramientas moleculares para garantizar la seguridad y trazabilidad alimentaria” Fundación Universidad de Verano de Castilla y León, 25-27 September 2006, Valladolid, Spain.
2006	“Implementación de métodos moleculares en la industria alimentaria”. Curso de Verano “Herramientas moleculares para garantizar la seguridad y trazabilidad alimentaria” Fundación Universidad de Verano de Castilla y León, 25-27 September 2006, Valladolid, Spain.
2000	Commercialization and control of food product with Quality Labels (1 credit). Curso de Postgrado en Calidad Alimentaria e Industrias Alimentarias. September-November 2000. University of Leon, Leon, Spain

## 10. RESEARCH SUPERVISION

### Postdoctoral researchers:

1-6-2009 – 30-5-2010	Dr. Lucía González-Arnaíz “Bromatological analysis of different food products” ITACyL Postdoctoral Contract
2-1-2009 – 31-3-2011	Dr. Mónica Martínez Martínez “Integrated monitoring and control of foodborne viruses in European food supply chains” ITACyL Postdoctoral Contract
1-12-2008 – 31-10-2010	Dr. Katarina Oravcova
1-5-2008 – 1-8-2008	“Detección, filogenia y ecología molecular de la microbiota implicada en el síndrome de agalaxia contagiosa en explotaciones de ovino de leche”
1-5-2007 – 1-11-2007	Postdoctoral Fellowship from the Slovakian Republic National Fellowship Program, FEMS Research Fellowship and Universidad de León Fellowship.

23-10-2007 – 16-2-2009 Dr. Mónica Coca Sanz  
Postdoctoral contract from the Spanish National INIA Program.

**PhD dissertations**

1. “Monitoring and control of foodborne viruses in food supply chains”  
Marta Díez Valcarce  
PhD in Molecular Biology (International PhD). Universidad de León. 30<sup>th</sup> November 2012
2. “Non-thermal disinfection strategies for elimination of enteric viruses in ready-to-eat foods”  
Katarina Kovac  
PhD in Virology (International PhD). University of Ljubljana (Slovenia). 25<sup>th</sup> February, 2013.
3. “Characterisation of emerging microbial pathogens in Castilla y León, Spain: a “One health perspective”  
Jaime Ariza Miguel  
PhD in Animal Health. Universidad de León, León (Spain), 18<sup>th</sup> January 2016

**Master dissertations**

1. “Aproximación preliminar a la microbiota presente en la cerveza lager sin alcohol”  
Abel Fernández Gutiérrez  
Máster en Calidad, Desarrollo e Innovación de Alimento, Universidad de Valladolid, September 2014
2. “Inactivation of *Listeria monocytogenes* using high hydrostatic pressure”  
Ana Cano Nuño  
DEA in the Universidad de Valladolid, September 2009

**PhD students:**

From 1-3-2015	Mr. Narciso Martín “Characterisation of resitome in the food chain” PhD in Food Microbiology. University of Burgos. In progress. Funded by Spanish Ministry of Economy and Innovation.
From 1-10-2014	Mrs. Elena Oniciuc “Analysis of routes of transmission of Methicillin Resistant <i>Staphylococcus aureus</i> ” PhD in Food Microbiology. University of Burgos. In progress. Funded by Romanian Ministry of Education.
From 1-7-2014	Mrs. Beatriz Manso “Estudio ambiental de la contaminación e implantación de <i>Listeria monocytogenes</i> en la industria alimentaria” PhD in Food Microbiology. University of Burgos. In progress.
From 1-2014	Mrs. Patricia González García “Neglected routes of transmission of foodborne pathogens to EU” PhD in Food Microbiology. University of Burgos. In progress.

**THE PARTICIPATION IN SCIENTIFIC COMMITTEES**

Scientific publications

2007 to date	<b>Editor-in-Chief</b> of the Journal “ <i>Food Analytical Methods</i> ” (Springer)
2017 to date:	<b>Associate Editor</b> of the Journal “ <i>Frontiers in Microbiology – Food Microbiology</i> ” (NPG)
2014 to date:	<b>Associate Editor</b> of the Journal “ <i>Frontiers in Nutrition - Food Science and Nutritional Technology</i> ” (NPG)
2011 to date:	<b>Associate Editor</b> of the Book series “ <i>Springer Briefs in Food, Health, and Nutrition</i> ” (Springer)
2013-2018	Member of the <b>Editorial Board</b> of the Journal “ <i>Applied and Environmental Microbiology</i> ” (ASM press)
2013 to date:	Member of the <b>Editorial Board</b> (Review Editor) of the Journals “ <i>Frontiers in Microbiology</i> ” section <i>Food Microbiology</i> (NPG)
2013 to date:	Member of the <b>Editorial Board</b> of the Journal “ <i>International Journal of Food Contamination</i> ” (Springer Verlag)
2011 to date:	Member of the <b>Editorial Board</b> of the Journal “ <i>Sustainable Agriculture Research</i> ” (Canadian Center of Science and Education)
2010 to date:	Member of the <b>Editorial Board</b> of the Journal “ <i>International Journal of Food Microbiology</i> ” (Elsevier)

- 2008 to date Member of the **Editorial Board** of the Journal “*Food and Environmental Virology*” (Springer)  
 2006 to date Member of the **Editorial Board** of the Journal “*Journal of Infection in Developing Countries*”

Council of Scientific Societies

- 2011 to date Member of the **Governor Council** of the Spanish Society for Microbiology (SEM), Spain.  
 2006-2014 Member of the **Governor Council for the Food & Beverages Section**. Spanish Society for Microbiology (SEM), Spain.

Congresses

- 2016 Member of the **International Scientific Advisory Committee** of the 4th Food and Environmental Virology Conference, September 13-16 2016, Kusatsu, Portugal  
 2016 Member of the **Scientific Committee** of the XX Spanish Congress of Food Microbiology, 14-16 September 2016, León, Spain.  
 2016 Member of the **Scientific Committee** of the 4th International Scientific Conference of the Doctoral Schools of “Dunărea de Jos” University of Galati (CSSD-UDJG). 2-3 June 2016. Galati, Romania.  
 2015 Member of the **Scientific Committee** of the 5th Food Safety Congress, 7-8 May 2015, Istanbul, Turkey.  
 2015 Member of the **Scientific Committee** of the XXV Spanish Congress of Microbiology, 7-11 July 2015, Logroño, Spain.  
 2014 Member of the **International Scientific Advisory Committee** of the 4th Food and Environmental Virology Conference, September 2-5 2014, Corfu, Greece  
 2014 Member of the **Scientific Committee** of the XIX Spanish Congress of Food Microbiology, 24-26 September 2014, Zaragoza, Spain.  
 2013 Member of the **Scientific Committee** of the 4th Food Safety Congress, 14-15 May 2013, Istanbul, Turkey.  
 2013 Member of the **Scientific Committee** of the XIII Spanish Congress of Virology, 9-13 June 2012, Burgos, Spain.  
 2012 Member of the **Scientific Committee** of the XVIII Spanish Congress of Food Microbiology, 25-28 September 2012, Logroño, Spain.  
 2010 **Coordinator** of the **Scientific Committee** of the XVII Spanish Congress of Food Microbiology  
 2006 Member of the **Scientific Committee** of the IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France.

Scientific Committees

- 2017 to date **Member** of the Scientific Committee of the Spanish Agency of Food Safety - AECOSAN (Spanish Ministry of Health)  
 2011 to date **Member** of the Committee CEN/TC 275/WG 06 “Microbiology of the food chain” of the **European Committee for Standardisation (CEN)**  
 2011 to date **Member** of the ISO/TC 34/SC 9/WG 6 Working group for detection of *Cryptosporidium* and *Giardia*  
 2011 to date **Member** of the **Task Group 4** “Molecular methods for detection of Foodborne viruses” Technical Committee CEN/TC275/WG6 “Microbiology of the food chain” of the **European Committee for Standardisation (CEN)**.  
 2007-2015 **Member** of the **Scientific Board** of the *Management Program for Plagues and Diseases of Castilla y León*.  
 2006 to date **Member** of the **Spanish Scientific Committee for Molecular Techniques in Microbiology**. Spanish Society for Microbiology (SEM), Spain.  
 2006 to date **Member** of the **Commission for Normalisation and Validation** of the Spanish Society for Microbiology (SEM), Spain.  
 2006 to date **Member in the Task Group 3** “Molecular methods for detection of Foodborne pathogens” Technical Committee CEN/TC 275/WG 06 “Microbiology of the food chain” of the **European Committee for Standardisation (CEN)**.  
 2004 to date **Member** of the Working Group 6 (Food Microbiology) of the Spanish Association for Normalisation (AENOR) (Ref. AEN/CTN 34/ SC 4/GT6).



**12. INVITED LECTURES AND SEMINARS**

1. "Molecular Food Microbiology Diagnostics: Novel Solutions for Old Challenges", Pulawy, Poland 15 June 2015. **Invited lecture.**
2. "Nuevas estrategias para la detección, cuantificación e identificación microbiana en los alimentos: de la placa de cultivo a la era genómica" Workshop "Seguridad alimentaria: viejos patógenos, nuevos retos", Bilbao, 29 Mayo 2015. **Invited lecture.**
3. "Nuevas estrategias para la detección, cuantificación e identificación microbiana en los alimentos: de la placa de cultivo a la era genómica" Workshop "Seguridad alimentaria: viejos patógenos, nuevos retos", Murcia, 29 Enero 2014. **Invited lecture.**
4. "Nuevas estrategias para la detección, cuantificación e identificación microbiana en los alimentos: de la placa de cultivo a la era genómica" Workshop "Seguridad alimentaria: viejos patógenos, nuevos retos", Madrid, 21 Noviembre 2013. **Invited lecture.**
5. "Modeling survival kinetics of *Listeria monocytogenes* on raw sheep milk cured cheese under different storage temperatures" Final BASELINE Conference, 13 Noviembre 2013, Bologna (Italy). **Invited lecture.**
6. "Introducción a los métodos de muestreo eficientes en la industria láctea para asegurar los riesgos microbiológicos. Objetivos y resultados obtenidos en BASELINE" BASELINE Dairy Products Diffusion Session, 23 de Septiembre de 2013, Valladolid, Spain. **Invited lecture.**
7. "Aplicación y Ventajas de los métodos moleculares para la determinación de patógenos bacterianos en productos lácteos" BASELINE Dairy Products Diffusion Session, 23 de Septiembre de 2013, Valladolid Spain. **Invited lecture.**
8. "Aproximación molecular a la Seguridad Alimentaria". XXV Congreso Nacional de Microbiología. 10-13 Julio de 2013, Hopsitalet de Llobregat. **Closure Lecture.**
9. "Nuevas tendencias en métodos moleculares para determinación de patógenos en vegetales." WORKSHOP Proyecto BASELINE. CNTA, San Adrián, 25 June 2.013. **Invited lecture**
10. "Aplicación de la tecnología de altas presiones hidrostáticas para la inactivación de microorganismos emergentes: el caso de los virus entéricos." Jornada sobre tratamiento de alimentos mediante altas presiones hidrostáticas. ITACyL, Valladolid 24 June 2013. **Invited lecture**
11. "Métodos moleculares de detección de microorganismos patógenos alimentarios: la experiencia del proyecto BASELINE" II Congreso Internacional Seguridad Alimentaria Acofesal 2013. 19-21 June 2013, Madrid. **Invited lecture in monographic session**
12. "Occurrence of human enteric viruses in Spanish produce" XII Congreso Nacional de Virología, 9-12 June de 2013, Burgos **Invited lecture in plenary session**
13. *Listeria monocytogenes*: aspectos relevantes y aportaciones a la seguridad Alimentaria". Jornada CNTA, 30 de Mayo de 2013. **Invited lecture.**
14. "Innovación en la Industria Agroalimentaria". Máster en Calidad Agroalimentaria, Universidad de Valladolid, Palencia 21 de Enero 2.013. **Invited lecture.**
15. "Son los virus Riesgos emergentes en seguridad alimentaria?" Universidad de Valladolid, 21 de Diciembre de 2012. **Invited lecture.**
16. "La vida útil en productos preparados durante la distribución: ejemplos prácticos del estudio y cálculo de la vida útil comercial" ACES Workshop. Madrid, 26 Noviembre de 2012. **Invited lecture.**
17. "Métodos para la detección de indicadores de calidad higiénica sanitaria y de patógenos alimentarios" ACES Workshop. Madrid, 26 Noviembre de 2012. **Invited lecture.**
18. "Nuevas estrategias para la detección, cuantificación e identificación microbiana en los alimentos: de la placa de cultivo a la era genómica" ACES Workshop. Madrid, 26 Noviembre de 2012. **Invited lecture.**
19. "Nuevas estrategias para la detección, cuantificación e identificación microbiana en los alimentos: de la placa de cultivo a la era genómica" *Workshop* "El control microbiológico del procesado industrial de alimentos: retos actuales y tendencias", Valladolid, 27 Abril 2012. **Invited lecture.**
20. "Innovación en la Industria Agroalimentaria". Máster en Calidad Agroalimentaria, Universidad de Valladolid, Palencia 23 de Enero 2.012. **Invited lecture.**
21. "Amplification controls – construction and use" MoniQA Workshop on "Appropriate controls and their use in molecular diagnostics for microbial contaminants". Viena (Austria), 16 December 2.011. **Invited lecture.**

22. "Vida útil de alimentos preparados en la línea fría" Jornada LINEA FRIA EN RESTAURACIÓN COLECTIVA: ENVASADO Y VIDA ÚTIL, Madrid, 7 November 2011. **Invited lecture.**
23. "SOP as methodological tool in virus detection" I International VITAL Conference "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia. **Invited Lecture.**
24. "Review of current methods for virus detection" I International VITAL Conference "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia. **Invited Lecture.**
25. "Situación de la Innovación en agroalimentación" Máster en Calidad Agroalimentaria, Universidad de Valladolid, Palencia 31-1-2.011. **Invited lecture.**
26. "Riesgos víricos emergentes en seguridad alimentaria" Universidad de Valladolid, 19 November 2010. **Invited lecture.**
27. "Los virus como riesgos emergentes en seguridad alimentaria" X Jornadas en Seguridad Alimentaria en el Tercer Milenio, Valladolid 1<sup>st</sup> October 2010. **Invited lecture.**
28. "An example of a international validation exercise: detection of foodborne viruses by molecular methods" Workshop on Good laboratory practice in EU countries with emphasis on inter-laboratory testing – RING AGR 41426, European Commission, 3-4 June 2010, Belgrade, Serbia. **Invited Lecture.**
29. "Assessment of results: Importance of analytical controls" Workshop on Good laboratory practice in EU countries with emphasis on inter-laboratory testing – RING AGR 41426, European Commission, 3-4 June 2010, Belgrade, Serbia. **Invited Lecture.**
30. "Molecular Strategies for Food Microbiology Diagnostics: Why, how and when?" Workshop on Good laboratory practice in EU countries with emphasis on inter-laboratory testing – RING AGR 41426, European Commission, 3-4 Junio 2010, Belgrade, Serbia. **Invited Lecture.**
31. "Innovación en la Industria Agroalimentaria". Máster en Calidad Agroalimentaria, Universidad de Valladolid, Palencia 25-1-2.010. **Invited lecture.**
32. "Diseño y aplicación de sistemas de PCR a tiempo real y pirosecuenciación al diagnóstico y caracterización microbiológica en el sector Agroalimnetario" Roche LightCycler University: "Real-time PCR y secuenciación masiva de ADN: aplicaciones". Valencia, Spain, 26 June 2.009. **Invited lecture.**
33. "Seguridad Alimentaria: un reto clave para el éxito" Seminario para la Empresa Patatas Meléndez. Valladolid, 26 January 2009. **Invited lecture.**
34. "Nuevos métodos de detección de microorganismos de interés tecnológico aplicados a la industria láctea". Technical Workshop "Valor nutricional del queso y los productos lácteos". 26 November, 2.008. **Invited lecture.**
35. "Superando las barreras a la innovación en las cooperativas lácteas" 3 April, 2008, Valladolid. **Invited lecture.**
36. "Tendencias del sector Agroalimentario" 29 November 2.007, Burgos. **Invited lecture.**
37. "Presentación y Oportunidades en I+D+i de la Planta de Transferencia de Tecnología" 22 November 2.007, Valladolid. **Invited lecture.**
38. "Transferencia de tecnología e innovación agroalimentaria" 26 October 2.007, Carrión de los Condes. **Invited lecture.**
39. "Listeria, un modelo en biomedicina" Instituto de Biología y Genética Molecular (IBGM-CSIC). 19 de Marzo de 2007, Valladolid. **Seminar.**
40. "Herramientas moleculares en el análisis microbiológico de los alimentos: tendencias y retos actuales". Curso de Verano "Herramientas moleculares para garantizar la seguridad y trazabilidad alimentaria" Fundación Universidad de Verano de Castilla y León, 25-27 September 2006, Valladolid, Spain. **Invited lecture.**
41. "Implementación de métodos moleculares en la industria alimentaria". Curso de Verano "Herramientas moleculares para garantizar la seguridad y trazabilidad alimentaria" Fundación Universidad de Verano de Castilla y León, 25-27 September 2006, Valladolid, Spain. **Invited lecture.**
42. "Molecular methodology in Food Microbiology diagnostics: trends and current challenges". Analytical Methodology in Food Safety: current status, lessons learned and future challenges Symposium. IUFOST XIII World Congress of Food Science and Technology, 20 September 2006, Nantes, France. **Invited lecture.**
43. "An Optimised Quantitative Real-Time PCR Assay for *Listeria monocytogenes* Including an Internal Amplification Control" in the "Food Safety" Technical Session within the IUFOST XIII World Congress of Food Science and Technology, 21 September 2006, Nantes, France. **Selected Presentation.**
44. "Quantitative species-specific detection and *vapA* genotyping of *Rhodococcus equi* by real-time PCR" Faculty of Medical and Veterinary Sciences, University of Bristol, 25 May 2006. **Invited lecture.**
45. "Application of real-time PCR for detection and quantification of *Listeria monocytogenes* in food". Deposited in Open Learning on Enteric Pathogens on 10 March 2006 ([www.aclisassari.com/acli-openlearning](http://www.aclisassari.com/acli-openlearning)). **Invited lecture.**

46. "Evaluation of reference genes for the gene expression analysis of *L. monocytogenes* PrfA-dependent virulence factors" Bacterial Molecular Pathogenesis Group, University of Bristol, 4 November 2005. **Seminar.**
47. "A real-time PCR method for quantitative detection of *Rhodococcus equi* and vapA-genotype discrimination" Bacterial Molecular Pathogenesis Group, University of Bristol, 16 September 2005. **Seminar.**
48. "Analysis of *L. monocytogenes* PrfA-dependent virulence factors expression" Bacterial Molecular Pathogenesis Group, University of Bristol, 10 May 2005. **Seminar.**
49. "Estrategias moleculares para la detección de microorganismos patógenos: PCR y NASBA a tiempo real" Instituto Tecnológico Agrario de Castilla y León. 21 December, 2004. Valladolid, Spain. **Invited lecture.**
50. "Application of real-time PCR for detection and quantification of *Listeria monocytogenes* in food". Quantification and detection of microbes in food science through molecular methods COST 920 Meeting. 4 November, Vienna, Austria. **Invited lecture.**
51. "Aplicación de métodos basados en las técnicas de PCR y NASBA a tiempo real en distintas matrices alimentarias". XIV Spanish Congress of Food Microbiology. 21 September, 2004. Girona, Spain. **Round Table, Invited lecture.**
52. "Approach to the study of viable microorganism in food: from classical methods to NASBA". University of Girona, 29 January, 2003. **Seminar.**
53. "Control de producto: test de producto". University of León, 19 September 2000. **Invited lecture.**
54. "Tecnología de los alimentos con denominación de origen" University of León, 18 September 2000. **Invited lecture.**

## B. CONTRIBUTIONS TO SCIENTIFIC MEETINGS AND CONGRESSES

### 13.1 ORGANISATION

1. **Chair of the session** "Detection of Food-borne Pathogens", Food Analysis Congress, 29-30 October, Barcelona, Spain.
2. **Co-Chair of the session** "*Methods for Virus Detection*" in the Symposium "*Monitoring and Control of Foodborne Viruses in European Food Supply Chains*" within the I International VITAL Conference "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia.
3. **Co-Chair of the session** "*Analytical methods in food and Environmental Virology*" in the Congress ISFEV 2014, 2-5 September 2014, Corfu, Greece.
4. **President of XVII National Congress of Food Microbiology.** September 2010, Valladolid, Spain.
5. **Coordinator of the "XIII Curso de Iniciación a la Microbiología".** Spanish Society for Microbiology. 6-8 July 2010, Valladolid.
6. **Chairperson of the Workshop** "*II Jornada Innovacoop: Oportunidades para las Cooperativas lácteas de Castilla y León*". 3 April 2008, Valladolid.
7. **Chairperson of the Workshop** "*Aplicación de la tecnología de altas presiones a la Industria Alimentaria*". 27 November 2007, Valladolid.
8. **Chairperson of the Workshop** "*I Jornada Innovacoop: Oportunidades para las Cooperativas Hortofrutícolas de Castilla y León*". 27 November 2007, Valladolid.
9. **Chairperson of the RoundTable** "Innovation in the Food Industry". Workshop in "*Innovation in the Industrial sector*". 27 November 2007, Valladolid. 26 October 2007, Carrion de los Condes.
10. **Chairperson of the Invited Symposium** "*Retos actuales en el desarrollo e implantación de nuevas tecnologías en el análisis microbiológico de los alimentos*" in the XXI Spanish Congress of Microbiology, 17-20 September 2007, Seville, Spain.
11. **Chairperson of the Invited Symposium** "Analytical Methodology in Food Safety: current status, lessons learned and future challenges" in the IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France.
12. **Co-Chairperon of the Technical Session** "Food Safety" in the IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France.
13. **Member of the Scientific Committee** of the IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France.

**13.2 INVITED LECTURES (27)**

1. "Progress and challenges of detection of foodborne viruses" 4<sup>th</sup> qPCR & Digital PCR Congress. 20-21 October, London, UK. **Invited lecture.**
2. "Evidence on an emerging risk associated to Methicillin-Resistant *Staphylococcus aureus* (MRSA) in the food chain" 25<sup>th</sup> ICFMH Conference, FoodMicro 2016, in Dublin, 20<sup>th</sup> July 2016. **Selected lecture.**
3. "Inclusion of foodborne viruses in food microbiology education" 2<sup>nd</sup> WPAEFM symposium "Food microbiology education in practice" - 25<sup>th</sup> ICFMH Conference, FoodMicro 2016, in Dublin, 19<sup>th</sup> July 2016. **Invited lecture.**
4. "Neglected routes of transmission for foodborne pathogens: an European perspective" 4<sup>th</sup> International Scientific Conference of the Doctoral Schools of "Dunărea de Jos" University of Galați (CSSD-UDJG). 2-3 June 2016. Galați, Romania. **Plenary lecture**
5. "Microbiología molecular en alimentos: nuevas soluciones para viejos retos" I Congreso Nacional JICITA 25 November 2015, Palencia, Spain. **Invited lecture.**
6. "Molecular food microbiology diagnostics: Novel solutions for old challenges" 2<sup>nd</sup> Food Analysis Congress. 15-16 September 2015, Cambridge, UK. **Invited lecture.**
7. "Food-borne viruses in food samples confiscated at airport Bilbao" Joint Conference PROMISE and BacFood Net, Vienna 17-19 November 2014, Vienna, Austria. **Invited lecture.**
8. "Transmission of methicillin resistant staphylococci via food carried with passengers" Joint Conference PROMISE and BacFood Net, Vienna 17-19 November 2014, Vienna, Austria. **Invited lecture.**
9. "Food Microbiology Diagnostics: Novel Solutions for Old Challenges" Food Analysis Congress, 29-30 October, Barcelona, Spain. **Invited lecture.**
10. "*Listeria monocytogenes* y seguridad alimentaria: aspectos relevantes" Jornada de Listeria en la Industria Cárnica. 30 October, Guijuelo, Spain. **Plenary lecture.**
11. "Molecular approach to Food Microbiology Diagnostics: New solutions for old challenges" 2<sup>nd</sup> qPCR & Digital PCR Congress, October 20-21, 2014, London, UK. **Invited lecture.**
12. Aproximación probabilística de resultados microbiológicos de presencia/ausencia para determinar la concentración de *Salmonella* spp. y *Listeria monocytogenes* en carne de cerdo. XIX Congreso nacional de Microbiología de los Alimentos, 24-26 Septiembre, 2014, Zaragoza (Spain), **Selected lecture.**
13. "Detection of enteric viruses in food illegally imported to the EU". 4<sup>th</sup> Food and Environmental Virology conference, 2-5 September, Corfu (Greece). **Selected lecture.**
14. "Aproximación molecular a la Seguridad Alimentaria". XXV Congreso Nacional de Microbiología. 10-13 Julio de 2013, Hospitalet de Llobregat. **Closure Lecture.**
15. "Occurrence of human enteric viruses in Spanish produce" XII Spanish Congress of Virology. 9-12 June, 2013, Burgos (Spain). **Invited Lecture** –Plenary Session-.
16. "Métodos moleculares de detección de microorganismos patógenos alimentarios: la experiencia del proyecto BASELINE" II Congreso Internacional Seguridad Alimentaria Acofesal 2013. 19-21 June 2013, Madrid (Spain). **Invited Lecture** –Monographic session-
17. "SOP as methodological tool in virus detection". I International VITAL Conference "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia. **Invited Lecture.**
18. "Review of current methods for virus detection" I International VITAL Conference "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia. **Invited Lecture.**
19. "An example of a international validation exercise: detection of foodborne viruses by molecular methods" Workshop on Good laboratory practice in EU countries with emphasis on inter-laboratory testing – RING AGR 41426, European Commission, 3-4 June, Belgrade, Serbia. **Invited Lecture.**
20. "Assessment of results: Importance of analytical controls" Workshop on Good laboratory practice in EU countries with emphasis on inter-laboratory testing – RING AGR 41426, European Commission, 3-4 June, Belgrade, Serbia. **Invited Lecture.**
21. "Molecular Strategies for Food Microbiology Diagnostics: Why, how and when?" Workshop on Good laboratory practice in EU countries with emphasis on inter-laboratory testing – RING AGR 41426, European Commission, 3-4 Junio 2010, Belgrade, Serbia. **Invited Lecture.**
22. Detection and Quantification of Foodborne Pathogens Using PCR and Real-Time PCR" in the XXI Spanish Congress of Microbiology, 17-20 September, 2007. **Invited Lecture.**

23. "Detection and Quantification of Foodborne Pathogens Using Real-Time PCR" in the 94<sup>th</sup> Annual Meeting, International Association of Food Protection Congress 2007. 8-11 July 2007, Lake Buena Vista, USA. **Invited Lecture.**
24. "Molecular methodology in Food Microbiology diagnostics: trends and current challenges" in the "Analytical Methodology in Food Safety: current status, lessons learned and future challenges" Invited Symposium within the IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France. **Invited Lecture.**
25. "An Optimised Quantitative Real-Time PCR Assay for *Listeria monocytogenes* Including an Internal Amplification Control" in the "Food Safety" Technical Session within the IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France. **Symposium Selected Presentation.**
26. "Application of real-time PCR for detection and quantification of *Listeria monocytogenes* in food". Quantification and detection of microbes in food science through molecular methods COST 920 Meeting. 4<sup>th</sup>-5<sup>th</sup> November, Vienna, Austria. **Selected Lecture.**
27. "Aplicación de métodos basados en las técnicas de PCR y NASBA a tiempo real en distintas matrices alimentarias". XIV Spanish Congress of Food Microbiology. 19-22 September, 2004. Girona, Spain. **Round Table Invited Lecture.**

### 13.3 PROCEEDINGS

1. Rodríguez-Lázaro, D. and Hernández M. "Molecular methodology in Food Microbiology diagnostics: trends and current challenges". IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France. Proceedings Book: 1085-1099 (DOI: 10.1051/IUFoST:20060643).
2. Rodríguez-Lázaro, D., Pla, M., Scortti, M., Monzó, H.J. and Vázquez-Boland, J.A. An optimised quantitative real-time PCR for *Listeria monocytogenes* including an internal amplification control. IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France. IUFoST 2006. Proceedings Book: 1823-1831. (DOI: 10.1051/IUFoST:20060642)
3. Rodríguez-Lázaro, D. Aplicación de métodos basados en las técnicas de PCR y NASBA a tiempo real en distintas matrices alimentarias. XIV Spanish Congress of Food Microbiology. 19-22 September, 2004. Girona, Spain: pp. 39-40.
4. Rodríguez-Lázaro, D. and Pla, M. (2004) Detection and enumeration of *Listeria monocytogenes* in food samples by real time PCR. I Jornadas doctorales en Seguridad Alimentaria. 8 July 2004. Barcelona, Spain: 21-25.

### 13.4 COMMUNICATIONS (76)

1. Manso B, Garcia-Sanchez L, Hernández M, Rodríguez-Lázaro D, Melero B, Rovira J. *Listeria monocytogenes* challenge test on refrigerated cooked shrimps during shelf-life. 25<sup>th</sup> ICFMH Conference, FoodMicro 2016, in Dublin, 20<sup>th</sup> July 2016. **Poster**
2. Manso B, Garcia-Sanchez L, Jaime I, Melero B, Rovira J, Rodríguez-Lázaro D. *Listeria monocytogenes* challenge test on freeze cooked shrimps during shelf life. 25<sup>th</sup> ICFMH Conference, FoodMicro 2016, in Dublin, 20<sup>th</sup> July 2016. **Poster**
3. Manso B, Garcia-Sanchez L, Diez AM, Wagner MW, Rovira J, Rodríguez-Lázaro D, Stessl B, Melero B. Genotyping characterization of *Listeria monocytogenes* isolates from a poultry slaughterhouse and seafood industry plant. 25<sup>th</sup> ICFMH Conference, FoodMicro 2016, in Dublin, 20<sup>th</sup> July 2016. **Poster**
4. Rodríguez-Lázaro D, Ariza-Miguel J, Alesandra Oniciuc EA, Nicolau A, Rovira J, Wagner M, Hernandez M, Fernandez-Natal I. "Descripción del primer caso de la variante OXA sensible de una cepa de MRSA aislada en alimentos. XX Congreso Nacional de la SEMIC. 26-28 May, 2016. Barcelona, Spain. **Poster.**
5. Fernández-Natal I, T Marrodán-Ciordia, JA Sáez-Nieto, S Valdezate-Ramos, RH Rodríguez-Pollán, Rodríguez-Lázaro D, A Tauch, F Soriano. Two cases of granulomatous mastitis associated with an antibiotic-sensitive and a multidrug-resistant *Corynebacterium kroppenstedtii* strain. 26<sup>th</sup> European Congress of Clinical Microbiology and Infectious Diseases 9-12 April, 2016. Amsterdam, The Netherlands. **Poster**
6. Dwibedi, C., Lärkeryd, A., Myrtenäs, K., Öhrman, C., Birdsall, D., Nilsson, E., Karlsson, E., Hochhalter, C., Rivera, A., Maltinsky, S., Bayer, B., Wagner, D., Keim, P., Scholz, H.C., Tomaso, H., Wittwer, M., Pilo, P., Hernández, M., Rodríguez-Lázaro, D., Forsman, M., Larsson, P., Johansson, A. On how tularemia entered and found its way through western Europe – a genomic epidemiology study. 8<sup>th</sup> International Conference on Tularemia, 28 Septiembre – 1 Octubre, 2015, Opatija (Croatia). **Poster**
7. Dwibedi C, Larkeryd A, Myrtenas K, Ohrman C, Birdsall D, Wagner D, Keim P, Rodríguez-Lázaro D, Forsman M, Larsson P, Johansson A. Clonal expansion of *Francisella tularensis* in Continental Western Europe: A Phylogenomic study 23rd annual meeting of Intelligent Systems for Molecular Biology (ISMB) and 14th European Conference on Computational Biology (ECCB), 13-15 July 2015. Dublin, Ireland. **Poster.**

8. Rodríguez-Lázaro, D., Ariza-Miguel, J., Hernández, M., Fernández-Natal, I. First evidence of methicillin-resistant *Staphylococcus aureus* harboring *mecC* in livestock in Spain. XXV Congreso Nacional de Microbiología. 7-10 July 2015, Logroño (Spain). **Poster**.
9. Rodríguez-Lázaro, D., Díez-Valcarce, M., Montes-Briones, R., Gallego, D., Hernández, M., Rovira, J. Presence of pathogenic enteric viruses in illegally imported meat and meat products to EU by international air travelers. XIII Congreso Nacional de Virología, 7-10 June de 2015, Madrid. **Poster**
10. Sanz I., Rojo S., Rodríguez-Fernandez A., Rodríguez-Lázaro, D., Ortiz de Lejarazu R. Estudio comparativo de tres técnicas para el diagnóstico de norovirus genogrupo I y II en heces. XIX Congreso SEIMC, 28-30 May 2015, Sevilla (Spain). **Poster**.
11. Dwibedi C, Larkeryd A, Myrtennas K, Ohrman C, Birdsell D, Wagner D, Keim P, Rodríguez-Lázaro, D., Forsman M, Larsson P, Johansson A. Clonal expansion of *Francisella tularensis* in continental western Europe: a phylogenomic study. 25<sup>th</sup> European Congress of Clinical Microbiology and Infectious Diseases 25-28 April, 2016. Copenhagen, Denmark. **Poster**
12. Melero, B., Manso, B., Wagner, M., Stessl, B., Rovira, J., Rodríguez-Lázaro, D. Study of *L. monocytogenes* colonization in a new dairy processing facility. Joint Conference PROMISE and BacFood Net, Vienna 17-19 November 2014, Vienna (Austria). **Oral Presentation**.
13. Rovira, J. Muhterem-Uyar, M., Dalmasso, M., Bolocan, A.S., Hernandez, M., Kapetanakou, A.E., Kuchta, T., Manios, S., Melero, B., Mínarovičová, J., Nicolau, A.I., Rovira, J., Skandamis, P.N., Jordan, K., Rodríguez-Lázaro, D., Stessl, B., Wagner, M. Prevalence of *L. monocytogenes* in European food processing environments. Joint Conference PROMISE and BacFood Net, Vienna 17-19 November 2014, Vienna (Austria). **Oral Presentation**.
14. Rodríguez-Lázaro, D., Hernandez, M., González García, P., Valero, A. Cinéticas de supervivencia de *Listeria monocytogenes* en queso curado de oveja en diferentes condiciones de almacenamiento XIX Congreso nacional de Microbiología de los Alimentos, 24-26 Septiembre, 2014, Zaragoza (Spain). **Poster**.
15. Díez-Valcarce, M., Rovira-Carballido, J., Hernández-Pérez, M., Díez-Maté, A.M., Jaime-Moreno, M.I., Rodríguez-Lázaro, D. Study of the neglected routes of transmission of foodborne pathogens through illegally imported food into the European Union. FoodMicro2014, 1-4 September, 2014, Nantes (France). **Poster**
16. Melero, B., Rodríguez-Lázaro, D., Hernández, M., Díez, A.M., Jaime, I. and Rovira, J. Prevalence of *Listeria monocytogenes* in a poultry processing plant during one year. F FoodMicro2014, 1-4 September, 2014, Nantes (France). **Poster**
17. Wagner, M., Rodríguez-Lázaro, D., Rovira, J., Prukner-Radovic, E., Smole-Mozina, S., Saner, S., Beutlich, J., Skandamis, P., Nicolau, A. *Listeria monocytogenes* Isolated from Food Samples Collected from Travellers and Black Markets: Characterisation and Epidemiology. 2014 European Symposium on Food Safety, 7-9 May, 2014, Budapest, Hungary. **Oral Communication**
18. Beutlich, J., Wagner, M., Strauß, A., Nagy, B., Kugler, R., Saner, S., Rodríguez-Lázaro, D., Rovira, J., Skandamis, P., Prukner-Radovic, E., Szmole-Možina, S., Kovač, J., Nicolau, A.I., Appel, B. Sampling Traveller's Food at Airports: Do We Carry *Salmonella* in Our Handbags? 2014 European Symposium on Food Safety, 7-9 May, 2014, Budapest, Hungary. **Oral Communication**
19. Manfreda G., Rodríguez Lázaro D., Hernandez M., De Cesare A., Lucchi A., Valero A. Definition of Performance Objectives for *Listeria monocytogenes* in pork cuts. XVIII International Symposium on Problems of Listeriosis (ISOPOL), 19-22 September 2013, Goa (India). **Oral Communication**.
20. Rodríguez-Lázaro, D., Cook, N., Díez-Valcarce, M. and Hernández, M. A novel methodological approach for enteric virus detection in food supply chains. XII Spanish Congress of Virology. 9-12 June, 2013, Burgos (Spain). **Poster**.
21. Díez-Valcarce, M., Hernández, M., Cook, N., and Rodríguez-Lázaro, D. Effect of sample analysis delay in the results of enteric virus detection. XII Spanish Congress of Virology. 9-12 June, 2013, Burgos (Spain). **Poster**.
22. Kozačinski, L., Mikuš, T., Trevisani, M. Serraino, A., Duffy, G., Rivas, L., Tiwari, U., Hernandez, M., Rodríguez-Lázaro, D. Comparison of current sampling schemes for milk and dairy products in EU. 40th Croatian dairy expert symposium, October 2012, Lovran, Croatia. **Poster**
23. Gattuso, A., Delibato, E., Sonnessa, M., De Medici, D., Rodríguez-Lázaro, D., Gianfranceschi, M.V. Valutazione delle performance analitiche di un metodo rapido di real time PCR per la determinazione di *Listeria monocytogenes* nella carne di maiale. XIV Congresso Nazionale S.I.Di.L.V., Sorrento (Italy), 24-26 October 2012. **Poster**
24. Ortiz, J.C., Hernandez, M. and Rodríguez-Lázaro, D. Evaluación de microbiología de superficies en restauración colectiva. I Congreso Internacional de Seguridad Alimentaria ACOFESAL, Madrid 28-29 June, 2012.
25. Kovac, K., Díez-Valcarce, M., Hernandez, M. and Rodríguez-Lázaro, D. Effect of high hydrostatic pressure on foodborne viruses. 2011 EFFoST Annual Conference, 9-11 November, Berlin, Germany. **Poster**.

26. Kovac, K., Diez-Valcarce, M., Hernandez, M., Raspor, P., Rodríguez-Lázaro, D. Effect of high hydrostatic pressure on human adenovirus infectivity and genome integrity. IUMS 2011, XV International Congress of Virology, 11-16 September 2011, Sapporo, Japan. **Poster.**
27. Diez-Valcarce, M., Kovač, K., Rodríguez-Lázaro, D., Hernández, M. The use of sample process controls in the detection of foodborne viruses. I INTERNATIONAL VITAL CONFERENCE "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia. **Poster.**
28. Diez-Valcarce, M., Kovač, K., Hernández, M., Rodríguez-Lázaro, D. High hydrostatic pressure treatment of human adenovirus in cell culture medium and bottled mineral water. I INTERNATIONAL VITAL CONFERENCE "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia. **Poster.**
29. Rodríguez-Lázaro, D., Diez-Valcarce, M., Martínez, M., Hernández, M. Application of chimerical nucleic acid standards for quantitative detection of enteric viruses by real-time PCR. I INTERNATIONAL VITAL CONFERENCE "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia. **Poster.**
30. Diez-Valcarce, M., Martínez, M., Rodríguez-Lázaro, D., and Hernández, M. Monitoring of foodborne viruses in Spanish pork and seafood supply chains. I INTERNATIONAL VITAL CONFERENCE "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia. **Poster.**
31. Kovač, K., Diez-Valcarce, M., Hernández, M., and Rodríguez-Lázaro, D. Efecto de las altas presiones hidrostáticas sobre la infectividad y genoma de adenovirus. XXIII Congreso Nacional de Microbiología, 11-14 July, 2011, Salamanca, Spain. **Poster.**
32. Ariza-Miguel, J., Rodríguez-Lázaro, D., and Hernández, M. Caracterización genómica mediante PFGE de aislados de *Mycoplasma agalactiae*. XXIII Congreso Nacional de Microbiología, 11-14 July, 2011, Salamanca. **Poster.**
33. Ariza-Miguel, J., Hernández, M., Fernández-Natal, M.I., Martínez-Nistal, C., Orduña, A., Rodríguez-Ferri, E.F., and Rodríguez-Lázaro, D. Human tularemia outbreaks in Spain (1997 and 2007) were caused by the same two clades of *Francisella tularensis* subsp. *holartica*. 4<sup>th</sup> Congress of European Microbiologists, 26-30 June, 2011. Geneva, Switzerland. **Poster.**
34. Kovač, K., Diez-Valcarce, M., Hernández, M. and Rodríguez-Lázaro, D. Evaluation of pre-enzymatic treatment for estimation of viral infectivity. 2<sup>nd</sup> COST929 Symposium "Future Challenges in Food and Environmental Virology" 7-9 October, 2010. Istanbul, Turkey. **Poster.**
35. Diez-Valcarce, M., Kovač, K., Rodríguez-Lázaro, D. and Hernández, M. Application of high hydrostatic pressure technology for inactivation of norovirus in bottled water. 2<sup>nd</sup> COST929 Symposium "Future Challenges in Food and Environmental Virology" 7-9 October, 2010. Istanbul, Turkey. **Poster.**
36. Cook, N., D'Agostino, M., Rodríguez-Lázaro, D. and the VITAL Consortium. International collaborative trial of a sample process- and internal amplification-controlled method to detect viruses in soft fruit. 2<sup>nd</sup> COST929 Symposium "Future Challenges in Food and Environmental Virology" 7-9 October, 2010. Istanbul, Turkey. **Poster.**
37. Cook, N., Rodríguez-Lázaro, D. and the VITAL Consortium. Virus contamination within European food supply chains. 2<sup>nd</sup> COST929 Symposium "Future Challenges in Food and Environmental Virology" 7-9 October, 2010. Istanbul, Turkey. **Poster.**
38. Ariza-Miguel, J., Diez-Valcarce, M., Kovac, K., Fernández-Natal, M.I., Rodríguez-Pollán, H., Rodríguez-Lázaro, D., y Hernández, M. Estudio de patogenicidad y tipado de aislados clínicos de *Listeria monocytogenes*. XVII Congreso Nacional de Microbiología de los Alimentos. 19-22 September 2010, Valladolid. **Oral Presentation.**
39. Kovač, K., Diez-Valcarce, M., Hernández, M. and Rodríguez-Lázaro, D. Inactivation of noroviruses in strawberry puree using high hydrostatic pressure. XVII Congreso Nacional de Microbiología de los Alimentos. 19-22 September 2010, Valladolid. **Oral Presentation.**
40. Diez-Valcarce, M., Fernández-Natal, M.I., Rodríguez-Pollán, H., Rodríguez-Lázaro, D., y Hernández, M. Detección y tipado de rotavirus grupo A, un patógeno emergente en la cadena alimentaria. XVII Congreso Nacional de Microbiología de los Alimentos. 19-22 September 2010, Valladolid. **Oral Presentation.**
41. Martínez-Martínez, M., Diez-Valcarce, M., Cook, N., Hernández, M. and Rodríguez-Lázaro, D. Evaluation of extraction methods for efficient detection of enteric viruses in pork meat products. XVII Congreso Nacional de Microbiología de los Alimentos. 19-22 September 2010, Valladolid. **Poster.**
42. Barcenilla Gago, B., Rubio, M., Lebrun, K., Hernández, M. y Rodríguez-Lázaro, D. Estimación de la vida útil en langostinos preparados con diferentes salsas. XVII Congreso Nacional de Microbiología de los Alimentos. 19-22 Septiembre 2010, Valladolid. **Poster.**

43. Cano Nuño, A.B., y Rodríguez-Lázaro, D. Eliminación de *Listeria monocytogenes* mediante altas presiones hidrostáticas en patata precocida. XVII Congreso Nacional de Microbiología de los Alimentos. 19-22 September 2010, Valladolid. **Poster.**
44. Saner, S., Sagdur, T., Ataman, P., Karadadas, Z., Hernandez, M., Rodríguez-Lázaro, D., Bandlerova, A., Andreynska, T., Yuksel, L., and Ozkan, G. An innovative e-learning training programme in Food Safety Legislation – From Farm to Fork European Food Safety Legislation (F4ESL) Training Programme. 5<sup>th</sup> Central European Congress on Food. 19-22 May 2010, Bratislava, Slovak Republic. **Poster.**
45. Rodríguez-Lázaro, D., Salamanca, A. and Hernández M. Evaluación del efecto de la temperatura de conservación en la vida útil microbiológica de platos preparados en una cocina central para servicio de catering. XXII Congreso Nacional de Microbiología (SEM), 21-24 september, 2009. Almería. **Oral Presentation.**
46. Lopez-Enriquez, L., Hernandez, M., and Rodríguez-Lázaro, D. Detección de *Listeria ivanovii* en muestras clínicas y ambientales mediante PCR a tiempo real. XXII Congreso Nacional de Microbiología (SEM), 21-24 Septiembre, 2009. Almería. **Poster.**
47. Rodríguez-Lázaro, D. An integrated platform for the food analysis, the Springer journal “Food Analytical Methods”: one year perspective. 3<sup>rd</sup> Congress of European Microbiologists, June 28-July 2, 2009, Gothenburg, Sweden. **Poster.**
48. Oravcova, K., López-Enriquez, L., Rodríguez-Lázaro, D. and Hernandez, M. Novel diagnostic marker for contagious agalactia in sheep by real-time PCR: assessment of the analytical performance and in-house validation in natural contaminated milk samples. 3<sup>rd</sup> Congress of European Microbiologists, June 28-July 2, 2009, Gothenburg, Sweden, **Poster.**
49. Martínez, M. Díez-Valcarce, M., Hernandez, M. and Rodríguez-Lázaro, D. Monitoring of enteric viruses in animal food chain. 5<sup>th</sup> Med-Vet-Net Annual Scientific Conference. 3-5 June, El Escorial, Spain. **Oral Presentation.**
50. Saner, S., Yolci, P., Karadag, A., Bayrakdar, S., Sagdur, T., Karaali, T., Aran, N., Besseling, P., Hernandez, M., Rodríguez-Lázaro, D., Campo-Guijarro, R., Taylor, E., Clark, K., Nanou, C., and Atacik, C. An Innovative E-Learning Training Programme in Food Safety — From Farm to Fork Food Safety Specialists Training Programme (F4ST) and the Evaluation of First Session Results. IAFP’s Fourth European Symposium on Food Safety. 19–21 November 2008, Lisbon, Portugal. **Poster**
51. Saner, S., Yolci, P., Karadag, A., Bayrakdar, S., Sagdur, T., Karaali, A., Aran, N., Besseling, P., Hernandez, M., Rodríguez-Lázaro, D., Campo, R., Taylor, E., Clark, K., Nanou C. and Atacik, C. An Innovative e-learning Training Programme in Food Safety- From Farm to Fork Food Safety Specialists Training Programme (F4ST). EFFoST Congress: First European Food Congress: 4-9 November 2008, Ljubljana, Slovenia. **Poster**
52. Rodríguez-Lázaro, D., Hernandez, M., Campo, R., Yolci, P., Karadag, A., Bayrakdar, S., Sagdur, T., Karaali, A., Aran, N., Besseling, P., Taylor, E., Clark, K., Nanou C., Atacik, C and Saner, S.. An Innovative e-learning Training Programme in Food Safety- From Farm to Fork Food Safety Specialists Training Programme (F4ST). MONIQA International Conference. 9-10 October 2008, Rome, Italy. **Poster**
53. Díez-Valcarce, M., López-Enriquez, L., Hernández, M., Rodríguez-Lázaro, D. Construction and analytical application of internal amplification controls(IAC) for foodborne viruses quantitative detection by real-time PCR. 1st COST929 Symposium CURRENT DEVELOPMENTS IN FOOD AND ENVIRONMENTAL VIROLOGY" 9-11 October 2008, Pisa, Italy. **Poster.**
54. Rodríguez-Lázaro, D. La nueva revista de Springer “Food Analytical Methods”: una plataforma integral para el análisis de los alimentos. XVI Spanish Congress of Food Microbiology. 14-17 September, 2008. Córdoba, Spain. **Oral Presentation.**
55. Rodríguez-Lázaro, D. López-Enriquez, L., Ocampo-Sosa, A.A., Olmedo, S., Marin C., Hernandez M. Direct Quantitative Detection of *Brucella* spp. by Real-Time PCR in Natural Raw Milk Samples. The 21st International ICFMH Symposium “Evolving Microbial Food Quality and Safety” 1-4 September 2008, Aberdeen, UK. **Poster.**
56. Saner, S., Yolci, P., Karadag, A., Bayrakdar, S., Karaali, A., Aran, N., Besseling, P., Hernandez, M., Rodríguez-Lázaro, D., Campo-Guijarro, R., Taylor, E., Clark, K., Nano, C., and Atacik, C. From Farm to Fork Food Safety Specialists Training (F4ST): A Real Challenge. IAFP’s Third European Symposium on Food Safety. 18-19 october, 2007. Rome, Italy. **Poster.**
57. Pöpping, B., Safren, S., Rodríguez-Lázaro, D. The new Springer journal “Food Analytical Methods”: an integrated platform for the food analysis. 121<sup>st</sup> AOAC Annual Meeting. 16-20 September 2007. Anaheim, California, USA. **Poster.**
58. Hernández, M., Olmedo, S., Rodríguez Lázaro, D., Ocampo-Sosa, A., Muñoz, P.M., Blasco, J.M., and Marín, C.M. Identificación de *Brucella* spp. mediante PCR a tiempo real. XXI Congress of Spanish Society for Microbiology, 17-21 September 2007, Seville. **Poster**



59. Cruz, C., Martínez, M., Rodríguez Lázaro, D., and Destro, M.T. Difference in virulence of *Listeria monocytogenes* strains isolated in Brazil. IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France. **Poster.**
60. Rodríguez-Lázaro, D. and Hernández; M. Extracción de ADN de *Listeria monocytogenes* de productos cárnicos para la cuantificación mediante PCR a tiempo real. XV Spanish Congress of Food Microbiology. 10-11 September, 2006. Orense, Spain. **Poster.**
61. Rodríguez Lázaro, D., Lewis, D.A., Ocampo Sosa, A.A., Fogarty, U., Makrai, L., Navas, J., Scortti, M., Hernández, M., and Vázquez Boland, J.A. Development of an internally controlled real-time PCR method for quantitative species-specific detection and *vapA* genotyping of *Rhodococcus equi*. 2<sup>nd</sup> FEMS Congress of European Microbiologists, 4-8 July 2006, Madrid, Spain. **Poster.**
62. Poblet-Mas, N., Rodríguez-Lázaro, D., de Battle, J., Ayuso, A. y García-Gil, L.J. Detección y genotipado de *Mycobacterium* spp. mediante un nuevo sistema de PCR-DGGE. XX Congress of Spanish Society for Microbiology, 19-22 September 2005, Cáceres, Spain. **Poster**
63. Rodríguez-Lázaro, D., Fuentes, X., Aldeguer, X., González-Huix, F., Acero, D., Pla, M. and García-Gil, L.J. *Mycobacterium avium* subsp. *paratuberculosis* was undetectable in Crohn's Disease patients using a novel highly specific and sensitive real-time PCR assay. 12<sup>th</sup> United European Gastroenterology Week. 25-29 September, 2004. Prague, Czech Republic. **Poster.**
64. Rodríguez-Lázaro, D., Hernández, M. and Pla, M. Cuantificación simultánea de *Listeria* spp. y *Listeria monocytogenes* mediante el empleo de un sistema *duplex* de PCR a tiempo real. XIV Spanish Congress of Food Microbiology. 19-22 September, 2004. Girona, Spain. **Poster.**
65. Rodríguez-Lázaro, D., Pla, M., Ikononopoulos, J., Herrewegh, A., D'Agostino, M. and Cook, N. Real-time PCR-based methods for quantitative detection of *Mycobacterium avium* subsp. *paratuberculosis*. 91<sup>st</sup> Annual Meeting. International Association of Food Protection Congress 2004. August 8-11, 2004. Phoenix, USA. **Oral presentation.**
66. D'Agostino, M. Hoorfar, J., Rodríguez-Lázaro, D., Rzezutka, A. and Cook, N. Internal Amplification Controls in PCR-based Methods. 91<sup>st</sup> Annual Meeting. International Association of Food Protection Congress 2004. 8-11 August, 2004. Phoenix, USA. **Oral presentation.**
67. Rodríguez-Lázaro, D., Lloyd, J., D'Agostino, M., Herreweg, A., Ikononopoulos, J., Pla, M. and Cook, N. A molecular beacon-based real time NASBA assay for *Mycobacterium avium* subsp. *paratuberculosis*. 91<sup>st</sup> Annual Meeting. International Association of Food Protection Congress 2004. 8-11 August, 2004. Phoenix, USA. **Poster.**
68. Rodríguez-Lázaro, D. and Pla, M. (2004) Detection and enumeration of *Listeria monocytogenes* in food samples by real time PCR. I Jornadas doctorales en Seguridad Alimentaria. 8 July 2004. Barcelona, Spain. **Oral presentation.**
69. Rodríguez-Lázaro, D., Hernández, M., Esteve, T. and Pla, M. Development of real-time PCR systems based on AmpliFluor™ and TaqMan® technologies for quantitative detection of *Listeria monocytogenes* and *Listeria innocua* XIX Congress of Spanish Society for Microbiology. Santiago de Compostela, September 2003. **Poster.**
70. Rodríguez Lázaro, D., Lloyd, J., Pla, M., Ikononopoulos, I., and Cook, N. Nucleic Acid Sequence-Based Amplification (NASBA) detects DNA in *Mycobacterium avium* subsp. *Paratuberculosis*. I Congress of European Microbiologist. Ljubljana, June 2003. **Poster.**
71. Rodríguez Lázaro, D. y Pla, M. Desarrollo de un método rápido basado en la técnica de PCR a tiempo real para la detección e identificación de *Listeria monocytogenes*. XXV Spanish Congress of Biochemistry and Molecular Biology. León, September 2002. **Poster.**
72. Rodríguez Lázaro, D., Pla, M.; Jensen, A.N. and Hoorfar, J. Evaluación inter e intralaboratorial de una técnica de PCR a tiempo real para la detección de *Salmonella* spp. XIII Spanish Congress of Food Microbiology. Bilbao, September 2002. **Poster.**
73. Rodríguez Lázaro, D., Pla, M.; Jensen, A.N. and Hoorfar, J. Usefulness of RNAProtect Bacteria Reagent (cat. no. 76506, Qiagen, Germany) for total RNA Isolation of *Salmonella* spp. Xth International Congress of Bacteriology and Applied Microbiology. Paris, August. 2002. **Poster.**
74. Rodríguez Lázaro, D., Hernández Pérez, M.; Capita, R. y Alonso Calleja, C. Guía para la selección y entrenamiento de un jurado de catadores para la I.G.P Cecina de León. V International Congress of Food, Nutrition and Dietetics. Madrid, November 2001. **Poster.**
75. Rodríguez Lázaro, D., Hernández Pérez, M.; Capita, R. y Alonso Calleja, C. Aproximación al perfil sensorial de la "Cecina de León". V International Congress of Food, Nutrition and Dietetics. Madrid, November 2001. **Poster.**
76. Rodríguez Lázaro, D., Pla, M.; Jensen, A.N. and Hoorfar, J. Optimisation of a Real Time PCR for Identification of *Salmonella*. XVIII Congress of Spanish Society for Microbiology. Alicante, September 2001. **Poster.**

**14. SCIENTIFIC MEETINGS ATTENDED**

1. 2<sup>nd</sup> Food Analysis Congress. 15-16 September 2015, Cambridge, UK. Invited lecture.
2. Joint Conference PROMISE and BacFood Net, Vienna 17-19 November 2014, Vienna, Austria.
3. 1<sup>st</sup> Food Analysis Congress. 29-20 October 2014. Barcelona, Spain
4. XXV Congreso Nacional de Microbiología, 7-10 July 2015, Logroño, Spain.
5. XIX congreso Nacional de Microbiología de los Alimentos, 24-26 September 2014, Zaragoza, Spain
6. 4<sup>th</sup> Food and Environmental Virology Conference, 3-5 September, 2014, Corfu, Greece
7. XXIV Congreso Nacional de Microbiología, 9-13 Julio 2013, Hospitalet de Llobregat.
8. XII Congreso nacional de Virología, 10-12 Junio de 2013. Burgos.
9. XVIII Congreso Nacional de Microbiología de los Alimentos, 25-28 de de Septiembre de 2012, Logroño.
10. I INTERNATIONAL VITAL CONFERENCE "Advances in Monitoring and Control of Viruses in Food Supply Chains", 5-7 September 2011, Ljubljana, Slovenia.
11. XXIII Congreso Nacional de Microbiología, 11-14 June 2011, Salamanca, Spain.
12. 2<sup>nd</sup> COST929 Symposium "Future Challenges in Food and Environmental Virology" 7-9 October, 2010. Istanbul, Turkey.
13. XVII Congreso Nacional de Microbiología de los Alimentos, 19-22 September 2010, Valladolid, Spain.
14. Workshop on Good laboratory practice in EU countries with emphasis on inter-laboratory testing – RING AGR 41426, European Commission, 3-4 June 2010, Belgrade, Serbia.
15. XXII Congreso Nacional de Microbiología, 21-24 September 2009, Almería, Spain.
16. 3<sup>rd</sup> Congress of European Microbiologists, June 28-July 2, 2009, Gothenburg, Sweden.
17. Roche LightCycler University: "Real-time PCR y secuenciación masiva de ADN: aplicaciones". 26 June 2009, Valencia, Spain.
18. I Internacional MONIQA Conference, 9-11 October 2008. Rome, Italy.
19. XVI Congreso Nacional de Microbiología de los Alimentos. 14-17 Septiembre de 2008, Córdoba, Spain.
20. The 21st International ICFMH Symposium "Evolving Microbial Food Quality and Safety" 1-4 September 2008, Aberdeen, UK.
21. XXI Congreso Nacional de Microbiología, 17-21 September 2007, Seville, Spain.
22. Curso de Verano de la Fundación Universidad de Verano de Castilla y León "Herramientas moleculares para garantizar la seguridad y trazabilidad alimentaria", 25-27 September 2006, Valladolid, Spain.
23. IUFOST XIII World Congress of Food Science and Technology, 17-21 September 2006, Nantes, France.
24. 2<sup>nd</sup> FEMS Congress of European Microbiologists, 4-8 July 2006, Madrid, Spain.
25. Quantification and detection of microbes in food science through molecular methods COST 920 Meeting. 4-5 November 2004, Vienna, Austria.
26. Interactions between the soil environment and the transmission and pathogenesis of food-borne pathogens. BBSRC Meeting, 1-2 November 2004, Eynsham Hall, Oxfordshire, United Kingdom.
27. United European Gastroenterology Week. 25-29 September 2004. Prague, Czech Republic.
28. XIV Spanish Congress of Food Microbiology. 19-22 September 2004. Girona, Spain.
29. 91<sup>st</sup> Annual Meeting of International Association of Food Protection. 8-11 August 2004. Phoenix, USA.
30. I Jornada de Doctorat: Biotecnologia Agroalimentària y Sostenibilitat. 8 July 2004. Barcelona, Spain.
31. XIX Spanish Congress of Microbiology. 21-25 September 2003. Santiago de Compostela, Spain.
32. 1<sup>st</sup> European Congress of Microbiology. 29 June – 3 July, 2003. Ljubljana, Slovenia.
33. Annual Meeting of Spanish users of Real Time PCR. 19 May 2003. Barcelona, Spain.
34. XXV Spanish Congress of Biochemistry and Molecular Biology. 17-20 September 2002. León, Spain.
35. XIII Spanish Congress of Food Microbiology. 17-19 September 2002. Bilbao, Spain.
36. X International Congress of Bacteriology and Applied Microbiology. 27 July – 1 August 2002. Paris, France.

37. Annual Meeting of Spanish users of Real Time PCR. 21 May 2002. Madrid, Spain.
38. V International Congress of Food, Nutrition and Dietetics. November 14-16, 2001 Madrid, Spain.
39. XVIII Spanish Congress of Microbiology. September 16-20, 2001. Alicante, Spain.
40. Workshop on Current trends on real-time PCR for Food Industry. October 5, 2001. Barcelona, Spain.
41. Symposium on Automatisation, Isolation and Purification in Molecular Biology Techniques, QIAGEN - MERCK EUROLAB. 5 March, 2001. Copenhagen, Denmark.
42. XII Meeting of Spanish Inspection and Quality of Meat. 7-8 September, 1999. Oviedo, Spain.
43. Symposium on rapid Food Microbiology methodologies. 19 July, 1999. University of León, Spain.
44. I Iberian Congress of Animal Reproduction. 3-6 July, 1997. Estoril, Portugal.

#### 15. TRAINING COURSES ATTENDED

- Workshop on Good laboratory practice in EU countries with emphasis on inter-laboratory testing – RING AGR 41426, European Commission, 3-4 June Belgrade, Serbian Republic.
- Training Course in Radiation Protection. February 2005, University of Bristol, United Kingdom.
- Training Course in Real Time PCR. Applied Biosystems, May 2002, Barcelona, Spain.
- Training Course in Sequencing. Applied Biosystems, May 2002, Barcelona, Spain.
- Basis of Microbial Pathogenicity I (30 hours). University of León, Spain.
- Basis of Microbial Pathogenicity II. (30 hours). University of León, Spain.
- Rapid Methods in Food Microbiology (32 hours). University of León, Spain.
- Good Practice of Laboratory in Food Microbiology (30 hours). University of León, Spain.
- Principles and epidemiological Methods. Computer applications (30 hours). University of León, Spain.
- Epidemiology (45 hours). National School of Health. Institute of Health Carlos III. Spanish Health Department. Madrid, Spain.
- Environmental Health (45 hours). National School of Health. Institute of Health Carlos III. Spanish Health Department, Madrid, Spain.
- Analyst of Industrial residual waters (240 hours). Government of Castilla y León, León, Spain.
- HACCP. Food Safety (100 hours). University of Salamanca, Spain.
- Quality assessment in Food Industry (108 hours). University of León, Spain.
- Veterinary Activity in the field of Hygiene, Inspection and Food Technology (40 hours). University of León, Spain.
- Veterinary Activity on Food Safety: Quality criteria (100 hours). Foundation FEFS, Vigo, Spain.
- Veterinary Activity on Meat Industry: Quality criteria (100 hours). Foundation FEFS, Vigo, Spain.
- Veterinary Activity on the implementation of autocontrol systems in Food Industry (100 hours). Foundation FEFS, Vigo, Spain.
- Food Safety and Public Health (100 hours). Foundation FEFS, Vigo, Spain.
- Course of occupational diseases, zoonosis and food borne infections (40 hours). University of León, Spain.
- Medicine of Caprine and Ovine Production (30 hours). University of León, Spain.
- Medicine of Porcine Production (30 hours). University of León, Spain.
- Medicine of Milk Bovine Production (30 hours). University of León (Spain).

**16. MEMBERSHIP OF SCIENTIFIC SOCIETIES**

1999 to date	Spanish Official College of Veterinary Surgeons, Spain.
1999 to date	Society of Food Science and Technology (Castilla-León) (ACTA-CL), Spain.
2000 to date	Spanish Society for Microbiology (SEM), Spain.
2002 to 2011	Spanish Society for Biochemistry and Molecular Biology (SEBBM), Spain.
2002 to date	Fundación Genoma España
2003 to date	Society for General Microbiology (SGM), United Kingdom.
2004 to 2010	International Association for Food Protection (IAFP), United States.
2004 to date	American Society of Microbiology (ASM), United States.
2007 to date	European Federation of Biotechnology, Europe.
2013 to date	Spanish Society for Virology (SEV), Spain.

**17. REVIEW ACTIVITIES**

2007 to date	Reviewer of scientific projects for: <ul style="list-style-type: none"> <li>- Marie Curie Actions, European Commission, years 2012, 2013, 2014, 2015 and 2016</li> <li>- Spanish National Research Agency (ANEP), Spain. Since 2008.</li> <li>- German Federal Ministry of Education and Research (BMBF), Germany. Since 2016</li> <li>- Wiener Wissenschafts-, Forschungs- und Technologiefonds (WWTF), Austria. 2007</li> <li>- Research Foundation Flanders (FWO), Belgium, since 2012</li> <li>- French National Research Agency, France. 2014</li> <li>- The Slovak Research and Development Agency, Slovakia. 2007-2008</li> <li>- Agencia Nacional de Promoción Científica y Tecnológica (ANPCYT), Argentina, since 2013</li> <li>- Agencia Nacional de Investigación e Innovación de Uruguay (ANII), Uruguay, since 2013</li> </ul>
2005 to date	Invited external PhD examination committee (University of Girona, University of País Vasco, University of Valencia, University of León, University of Burgos, University of Ljubljana-Slovenia-, University of Santiago de Compostela).
2002 to date	Reviewer for The Science Advisory Board, The American Association for Advance Sciences, USA.
2003 to date	Reviewer of "Clinical Infectious Diseases"
2003 to date	Reviewer of "Spanish Journal of Agricultural Research"
2005 to date	Reviewer of "BMC Microbiology"
2006 to date	Reviewer of "Journal of Applied Microbiology"
2007 to date	Reviewer of "Journal of Food Composition and Analysis"
2007 to date	Reviewer of "Canadian Journal of Microbiology"
2007 to date	Reviewer of "International Journal of Food Microbiology"
2007 to date	Reviewer of "Innovación y Tecnología Agroalimentaria"
2007 to date	Reviewer of "Letters of Applied Microbiology"
2007 to date	Reviewer of "Food Control"
2007 to date	Reviewer of "Food Analytical Methods"
2007 to date	Reviewer of "Antonie van Leeuwenhoek International Journal of General and Molecular Microbiology"
2007 to date	Reviewer of "Bioinformatics"
2008 to date	Reviewer of "Food and Environmental Virology"
2008 to date	Reviewer of "Ciencia y Tecnología de los Alimentos"
2009 to date	Reviewer of "Journal of Dairy Research"
2009 to date	Reviewer of "Turkish Journal of Biology"
2009 to date	Reviewer of "Chemistry Today"
2009 to date	Reviewer of "FEMS Microbiology Letters"

2009 to date	Reviewer of "Journal of Virological Methods"
2010 to date	Reviewer of "African Journal of Microbiological Research"
2010 to date	Reviewer of "Acta Alimentaria"
2010 to date	Reviewer of "BMC Research Notes"
2011 to date	Reviewer of "ISRN Microbiology"
2011 to date	Reviewer of "Sustainable Agriculture Research"
2011 to date	Reviewer of "International Journal of Environmental Research and Public Health"
2011 to date	Reviewer of "African Journal of Biology"
2011 to date	Reviewer of "Micromachines"
2011 to date	Reviewer of "Sustainable Agriculture Research"
2011 to date	Reviewer of "Virulence"
2011 to date	Reviewer of "Applied and Environmental Microbiology"
2012 to date	Reviewer of "Journal of Biomedicine and Biotechnology"
2012 to date	Reviewer of "Food Microbiology"
2013 to date	Reviewer of "PLOS ONE"
2013 to date	Reviewer of "British Microbiology Research Journal"
2013 to date	Reviewer of "Tropical Animal Health and Production"
2013 to date	Reviewer of "Clinical Microbiology Reviews"
2014 to date	Reviewer of "BIOMED Research International"
2015 to date	Reviewer of "Frontiers in microbiology"
2016 to date	Reviewer of "Scientific Reports"
2016 to date	Reviewer of "Biomaterials"