

## PERSONAL INFORMATION

**Marta Hernández Pérez**

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lta-herperma@itacyl.es

Sex female | Date of birth 09/08/1974 | Nationality Spanish

## WORK EXPERIENCE

2004-present

**Researcher**

Instituto Tecnológico Agrario de Castilla y León (ITACyL) Subdirección de Investigación y Tecnología  
Laboratorio de Biología Molecular y Microbiología Ctra. Burgos km.119. Finca Zamadueñas 47071  
Valladolid SPAIN

• Head of the Laboratory of Molecular Biology and Microbiology

sector governmental

2013- present

**Assistant professor**

University of Valladolid, Valladolid SPAIN

• Teaching microbiology, biotechnology and milk technology in the School of Agrarian Engineering

sector university

2007-2009

**Assistant professor**

University of Valladolid, Valladolid SPAIN

• Teaching food technology in the Faculty of Medicine

sector university

2003-2004

**Postdoc**

Faculty of Medical and Veterinary Sciences. University of Bristol.

Instituto de Biología Molecular de Barcelona - Consejo Superior de Investigaciones Científicas.

sector university and public research center

2000-2003

**Predoc**

Instituto de Biología Molecular de Barcelona - Consejo Superior de Investigaciones Científicas.

sector public research center

## EDUCATION AND TRAINING

2000-2003

**PhD in Veterinary Science**

Grade: First Class (excellent "cum laude"). Molecular Biology Institute of Barcelona (IBMB-CSIC)-  
University of León, Spain

• Experience in plant molecular biology, particularly transgenesis

1997 -1999

**MSc Food Science and Technology**

University of León, Spain

1992 - 1998

**Doctor in Veterinary Medicine**

University of León, Spain

• Speciality in Food Science and Technology

**PERSONAL SKILLS**

Mother tongue(s) Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1/2	C1/2	C1/2	C1/2	C1/2
First certificate					
French	A1/2	A1/2	A1/2	A1/2	A1/2
Official language school					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills

- Good communication skills gained through my stays in the University of Bristol, United Kingdom (postdoctoral) and FERA, York, United Kingdom and University of Utrech, The Netherlands (predoctoral).

Organisational / managerial skills

- Leadership (currently responsible for a team of 3 people but during last 8 years I have gained experienced being in charge of more than 25 person in the team.

Job-related skills

- good command of quality control processes (responsible during quality audit ISO 9001 and 14001 in the laboratory)

Computer skills

- good command of Microsoft Office™, Adobe Acrobat Professional, Adobe Photoshop, CS Corel Draw, and bioinformatic tools for whole genome analysis of bacteria based on next generation sequencing.

Driving licence

- B

**HONOURS AND AWARDS**

- 2012 NATIONAL FOOD MICROBIOLOGIST AWARD
- 2002 Award of MonteLeón Foundation for Young Researchers

**MEMBERSHIPS**

2009 accredited for university professor by ACSUCYL (regional accreditation agency [www.acsucyl.es](http://www.acsucyl.es)) and in 2015 accredited for full professor of University by The National Agency for Quality Assessment and Accreditation of Spain, ANECA [www.aneca.es/eng](http://www.aneca.es/eng).

Board of Spanish Microbiological Society, Food group

**H-INDEX: 25**

## PROJECTS

**EUROPEAN (15)**

15. TITLE: Protection of consumers by microbial risk mitigation through combating segregation of expertise (PROMISE).  
 FUNDING: KBBE.2010.2.4-01 - Improving integration in food safety research - Call: FP7-KBBE-2010-4 Collaborative project: Small Collaborative Project. <http://www.promise-net.eu/> Project reference: 265877  
 PARTICIPANTS: University of Veterinary Medicine Vienna, Austria, Federal Institute for Risk Assessment, Germany, Institute of Food Research Norwich, UK, Agricultural University of Athens, Greece, Teagasc Moorepark Food Research Centre, Fermoy, Co. Cork, Ireland, University of Burgos, Spain, Veterinary Research Institute Brno, Czech Republic, University of Ljubljana, Slovenia, Veterinary Medical Institute of the Hungarian Academy of Sciences, Budapest, Hungary, Výskumný ústav potravinársky, Slovak Republic, University Dunarea de Jos Galati, Romania, Kalite Sistem Laboratuvarlar Grubu, Turkey, RTD Services, Austria, University of Zagreb, Croatia, Austrian Agency for Health and Food Safety, Austria, Food Safety Authority, Ireland, Hellenic Food Authority, Greece, Turkish Food Safety Association, Turkey, National Sanitary Veterinary and Food Safety Authority, Rumania, Public Health Authority of the Slovak Republic.  
 DATE: 01/01/2012-31/12/2014  
 PRINCIPAL INVESTIGATOR: Dr. David Rodríguez-Lazaro

14. TITLE: "Selection and improving of fit-for-purpose sampling procedures for specific foods and risks (BASELINE)".  
 FUNDING: FPVII-UE- Theme 2 Food, Agriculture and Fisheries, and Biotechnology (KBBE) Collaborative project: Large-scale integrating project. Ref. 222738 [www.baselineeurope.eu/](http://www.baselineeurope.eu/)  
 PARTICIPANTS: Alma Mater Studiorum – University of Bologna (UNIBO) (Italy) Beneficiary, National Veterinary Institute (NVI) (Norway), National Centre for Technology and Food Safety (CNTA) (Spain), Deutsches Krebsforschungszentrum (DKFZ) (Germany), Université de Bretagne Occidentale UFR Sciences (UBO) (France), Hungarian Food Safety Office (HFSO) (Hungary), Istituto Superiore di Sanità (ISS) (Italy), Agrarian Technological Institute of Castilla and Leon (ITACyL) (Spain), Stiftung Tierärztliche Hochschule Hannover (TIHO) (Germany), Faculty of Veterinary Medicine University of Zagreb (VETFAC) (Croatia), University of Cordoba (UCO) (Spain), University of Copenhagen (UCPH) (Denmark), University of Navarra (UN) (Spain), French Agency for Food Safety (AFSSA) (France), Teagasc, Ashdown Food Research Centre (TEAGASC) (Ireland), University of Lleida (UdL) (Spain).  
 DATE: 01/08/2009-31/08/2014  
 PRINCIPAL INVESTIGATOR: Dr. David Rodríguez-Lazaro

13. TITLE: "Integrated monitoring and control of foodborne viruses in European food supply chains (VITAL)".  
 FUNDING: FPVII-UE-KBBE-2007-2-4-03 Ref. 213178. <http://eurovital.org/>  
 PARTICIPANTS: 1 Central Science Laboratory CSL United Kingdom, 2 Catholic University of Leuven KULeuven Belgium, 3 Veterinary Research Institute VRI Czech Republic, 4 University of Helsinki UH Finland, 5 Democritus University of Thrace DUT Greece, 6 Istituto Superiore di Sanità ISS Italy, 7 National Institute for Public Health and the Environment RIVM Netherlands, 8 Wageningen University Research WUR Netherlands, 9 National Veterinary Research Institute NVRI Poland, 10 Scientific Veterinary Institute "Novi Sad" NIV-NS Serbia, 11 University of Ljubljana BF-UL Slovenia, 12 Instituto Tecnológico Agrario de Castilla y León ITACyL Spain, 13 University of Barcelona UB Spain, 14 Veterinary Laboratories Agency VLA United Kingdom.  
 DATE: 01/04/2008-31/03/2011  
 PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

12. TITLE: "From farm to fork food safety specialist training program (F4ST)". <http://www.f4st-ec.org/en/F4STNedir.aspx>  
 FUNDING: FPVI-UE-LdV. Ref. TR/06/B/PPP/178 050  
 PARTICIPANTS: 1. Kalite Sistem Central Laboratories (KSML), Turquia; 2. Instituto Tecnológico Agrario de Castilla y León (ITACYL), España; 3. Thessaloniki Technology Park (TTP), Grecia; 4. Hotel and Restaurant Training Centre, Latvia; 5. Précon Food Management BV, Paises bajos; 6. Chamber of Crafts Lublin, Polonia; 7. Turkish Food Safety Association, Turquia; 8. Ministry of Agriculture and Rural Affairs General Directorate of Protection and Control, Turquia; 9. Advancity, Turquia; 10. International Centre for HACCP Innovation University of Salford, Reino Unido.  
 DATE: 01/10/2006-31/12/2008  
 PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

11. TITLE: "From farm to fork European food safety legislation (F4ESL)". [www.f4esl.eu](http://www.f4esl.eu)  
 FUNDING: FPVI-UE-LdV. Ref. 2009-TR1-LEO05-08647  
 PARTICIPANTS: 1. Kalite Sistem Central Laboratories (KSML), Turquia; 2. Instituto Tecnológico Agrario de Castilla y León (ITACYL), España; 3. Slovenská poľnohospodárska univerzita – Slovak University of Agriculture, Slovakia; 4. Office-fr - Ofis-fr IT& Consulting , Turkey; 5. Turkish Food Safety Association, Turkey; 6. Акцент Консалтинг EOOD; Accent Consulting Ltd., Bulgaria; 7. SKY Quality Management, Audit and Consultancy, Turquia; 8. Ministry of Agriculture and Rural Affairs General Directorate of Protection and Control, Turquia; 9. The Ministry of Agriculture- Food and Veterinary Service, Latvia; 10. Food Employers' Union of Turkey, Turkey; 11 Turkish Food Importers Association, Turkey.  
 DATE: 01/12/2009-30/11/2011  
 PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

10. TITLE: "Evaluation of microbial food hazards and study of the effect of novel food processes on the virulence of foodborne pathogens (FOODPATH)".  
 FUNDING: FPVI-UE-FP6-2004-Mobility-11. Ref. MERG-CT-2007-209050  
 PARTICIPANTS: ITACyL  
 DATE: 01/09/2007-31/08/2010  
 PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

9. TITLE: "A European Network for Environmental and Food Virology (ENVIRONET)" <http://www.cost929-environeit.org/>  
 FUNDING: Comisión Europea. COST Action 929. Ref. MoU : 267/06 Project reference: E2008  
 PARTICIPANTS: Ghent University (Bélgica), University of Liege (Bélgica), State General Laboratory (Chipre), Veterinary Research Institute (Rep. Checa), Danish Institute for Food and Veterinary Research (Dinamarca), National Public Health Institute (Finlandia), Helsinki University (Finlandia), IFREMER (Francia), Nancy University (Francia), University of Applied Sciences (Alemania), Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (Alemania), University of Patras (Grecia), National Institute of Environmental Health (Hungria), Natural Sciences Institute Beit-berl College (Israel), Istituto Superiore di Sanità (Italia), University of Pisa (Italia), National Institute for Public Health (RIVM) (Holanda), Wageningen University (Holanda), Norwegian School of Veterinary Science (Noruega), National Veterinary Research Institute (Polonia), University of Porto (Portugal), Scientific Veterinary Institute Novi Sad (Serbia), University of Ljubljana (Eslovenia), University of Barcelona (España), Instituto Tecnológico Agrario de Castilla y León (España), Instituto Nacional de Investigación Agraria (España), National Veterinary Institute (Suecia), National Food Administration

(Suecia), Spiez Laboratory Biology (Suiza), Nestle (Suiza), Clinical Science Veterinary Faculty University of Istanbul (Turquia), Central Science Laboratory (Reino Unido), University of Wales Aberystwyth (Reino Unido), Health Protection Agency, Institute of Environmental Science & Research (Nueva Zelanda), Centers for Disease Control and Prevention (USA), University of Pretoria (Sudáfrica), Health Canada (Canadá).

DATE: 13/11/2006-12/11/2010

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

7. TITLE: "Exploiting genetic variability of resistance genes in major European food legumes to improve varieties for sustainable agriculture (LEGRESIST)".

FUNDING: FPVI-UE-ERANET Plant genomics. Ref. GEN 2006-27798-C6-3-E

PARTICIPANTS: 1 Alexios Polidoros CERTH Greece, 2 Martin Crespi CNRS France, 3 Massimo Delle Donne UniVR Italy, 4 Francisco Merchan USE-ITACyl Spain, 5 Elarbi Awani CBBC Tunisia, 6 Khaled Masmoudi CBS Tunisia, 7 Angelo Santino ISPA-CNR Italy, 8 Alex Levine HUJI Israel, 9 Günter Kahl University of Frankfurt (UF) Germany, 10 Jamil Toyir UniFez Morocco, 11 Rajeev K. Varshney ICRISAT India 12 Peter Winter GenXPro GmbH (GXP) Germany

DATE: 01/10/2007-30/09/2010

PRINCIPAL INVESTIGATOR: Dr. Constantino Caminero Saldaña

6. TITLE: "Towards Harmonisation Regarding Monitoring The Hazards In The Food Supply Chain (MONIQA)".

FUNDING: FPVI-EU- Red de Excelencia Europea. Ref. FOOD-CT-2006-36337 www.moniqa.eu

PARTICIPANTS: International Association for Cereal Science and Technology, Universität für Bodenkultur Wien, Ain Shams University, Campden and Chorleywood Food Research Association, Centre d'Economie Rurale, Eurofins Analytik GmbH, Centro Tecnológico Gaiker, Central Science Laboratory, International Quality and Environment Services, Tübitak Marmara Research Center, University of Food Technologies, VocalTag Ltd., VTT Technical Research Centre of Finland, University of Naples Federico II, Norwegian Food Research Institute, National Technical University of Athens, National Institute for Public Health and the Environment, Sichuan University, Istituto Nazionale di Ricerca per gli Alimenti e la Nutrizione, Budapest University of Technology and Economics, Institute of Environmental Science and Research, National Food and Nutrition Institute, Hacettepe University, Chinese Cereals and oils Association, Institut Pertanian Bogor, Hanoi University of Technology, Institute of Food Research, National Research Council, RTD Services, IRMM- Joint Research Centre, Rheinische Friedrich-Wilhelms-Universität Bonn, The Interdisciplinary Centre for Comparative Research in the Social Sciences, University of Bologna, Agricultural Research Organisation, the Volcani Center, Association of Agricultural Research Institutions in the Near East and North Africa, Austrian Research Centers GmbH – ARC, China Grain Products R&D Institute ROC, Centre de Cooperation Internationale en Recherche Agronomique pour le Développement, Istituto Sperimentale per la Cerealicoltura, Cyprus University of Technology, Danismanik Muhendislik LLC, Diagnostics Innovations Limited, Ege University, ELISA Technologies Inc, Ewos Innovation, Faculty of Veterinary Medicine Skopje, Food Allergen Control Training Analysis Pty Ltd, Food Information Service Europe, General Chemical State Laboratory, Ghent University, Institut für Getreideverarbeitung, Institute of Animal Science of LVA, Instituto de Ciências Tecnológicas Agrárias e Agro-Alimentares, Instituto Tecnológico Agrario de Castilla y Leon, National Agricultural Research Foundation Cereal Institute of Thessaloniki, National Institute of Biology, National Institute of Health Dr Ricardo Jorge, National Institute of Nutrition and Food Safety, Chinese Centre for Disease Control and Prevention, ProteinLabs Inc., Queen's University Belfast, R-Biopharm, Reading Scientific Services Ltd, Rome University La Sapienza, RIKILT, Schweizerisches Zentrum für Allergie, Haut und Asthma, Suez Canal University, Technology Laboratory of Uruguay, Tepnel Biosystems, University of Hohenheim, University of Messina, University of Pretoria, University of Technology and Life Sciences, Vienna University of Technology, VNIIZ All-Russian Scientific Research Institute for Grain

DATE: 01/02/2007-31/01/2012

PRINCIPAL INVESTIGATOR: Dr. David Rodríguez-Lázaro

5. TITLE: "Reliable, standardised, specific, quantitative detection of genetically modified food (QPCRGMFOOD)".

FUNDING: FPV-UE. Ref. QLRT-1999-01301

PARTICIPANTS: IBMB-CISIC y Matforsk (Norwegian Food Research Institute, Norway), Institut National de la Recherche Agronomique (INRA, France), Ministry of Small Enterprises, Traders and Agriculture, Agricultural Research Centre (DvP-CLO, Belgium), LGC (Teddington) Ltd. Lifesciences research (UK), Gene-Scan GmbH (Germany), European Commission DG Joint Research Centre Institute for Health and Consumer Protection (Ispra, Italy), Tepral Strasbourg (France), Unilever Nederland b.v. (Netherlands), Direction générale de la concurrence, de la consommation et de la répression des fraudes, Laboratoire interrégional (France), Groupe d'Intérêt Public - Groupe d'Etude et de Contrôle des Variétés et des Semences Bio-GEVES (France) and Institute of Food Research (Norwich, UK)

DATE: 2000-2003

PRINCIPAL INVESTIGATOR: Dra. Salomé Prat

4. TITLE: "New technology in food sciences facing the multiplicity of new released GMOs (GMOCHIPS)".

FUNDING: FPV-UE. Ref. G6RD-CT-2000-00419

PARTICIPANTS: IBMB-CSIC y INRA (Versailles, France), TEPRAL Brasseries KRONENBOURG, (Strasbourg, France) Laboratory of the Government Chemist (Teddington) Ltd (Teddington, United Kingdom), Dir. Générale de la Concurrence, de la Consommation et de la Répression des Fraudes - Laboratoire inter-régional (Illkirch, France), Agency BATS (Basel, Switzerland); subcontractors: DG Joint Research Centre of the European Commission Institute for Health and Consumer Protection Food Products and Consumer Goods (Ispra, Italy), Advanced array technology (Malonne, Belgium)

DATE: 01/04/2002-31/03/2005

PRINCIPAL INVESTIGATOR: Dr. Pere Puigdomènech

3. TITLE: "Real-time analysis of PCR-based DNA methods for limit of detection, sensitivity and specificity and the effect of processing on template quality for PCR: assessment using amplicon size and real time TaqMan analysis".

FUNDING: Food Standard Agency

PARTICIPANTS: Central Science Laboratory; Eurofins Scientific Ltd.

DATE: 01/08/2000-01/01/2003

PRINCIPAL INVESTIGATOR: Dra. Hez Hird y Dr. Bert Popping

2. TITLE: "Optimisation of real time polymerase chain reaction methods for accuracy and precision".

FUNDING: Food Standard Agency

PARTICIPANTS: Central Science Laboratory.

DATE: 01/04/2002-01/04/2003

PRINCIPAL INVESTIGATOR: Dra. Hez Hird

1. TITLE: "Development of a method for the detection of adulteration of basmati rice".

FUNDING: Food Standard Agency

PARTICIPANTS: Central Science Laboratory.

DATE: 01/01/2002-01/02/2003

PRINCIPAL INVESTIGATOR: Dra. Hez Hird

**NATIONAL (17)**

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17. TITLE: "ANÁLISIS Y CONTROL INTEGRADO DE TOXOPLASMA GONDII Y VIRUS ENTÉRICOS EN LA CADENA ALIMENTARIA".

FUNDING: INIA- FEDER, REFERENCIA RTA2014-00024-C04-01

PARTICIPANTS: Facultad de Veterinaria de la Universidad de Complutense de Madrid, Facultad de Veterinaria de la Universidad de Zaragoza, IATA e ITACyL

DATE: 01/01/2016-31/12/2018

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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16. TITLE: "METAGENÓMICA DE LA HINCHAZÓN TARDÍA DEL QUESO: IDENTIFICACIÓN, AISLAMIENTO Y CARACTERIZACIÓN DE LOS MICROORGANISMOS RESPONSABLES".

FUNDING: INIA- FEDER, REFERENCIA RTA2011-00024-C02-02

PARTICIPANTS: INIA e ITACyL

DATE: 01/01/2012-31/08/2015

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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15. TITLE: "Marcadores para la selección de patata calidad chip".

FUNDING: Plan Nacional de I+D+i (2008-2011). MICINN. Convocatoria Proyectos de Investigación Fundamental Orientada a la Transmisión de Conocimiento a la Empresa (TRACE). Investigación Fundamental. Ref. 180500513-513-50-9

PARTICIPANTS: CNB-CSIC, Agroinnova e ITACyL

DATE: 01/01/2010-31/12/2012

PRINCIPAL INVESTIGATOR: Dra. Salomé Prat Monguío

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14. TITLE: "Origen, identificación, y caracterización molecular de la microbiota implicada en la hinchazón tardía del queso. Desarrollo de medidas preventivas en explotaciones ovinas".

FUNDING: Plan nacional de I+D+i. MICINN -INIA. Ref. RTA2008-00068-00-00

PARTICIPANTS: ITACyL

DATE: 22/07/2008-22/07/2011

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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13. TITLE: "Aplicación de nuevas tecnologías de GPS-GPRS para el estudio del comportamiento y mejora de la producción del ganado vacuno extensivo".

FUNDING: Plan nacional de I+D+i. MICINN -INIA. Ref. TRT2006-00026-00-00

PARTICIPANTS: Universidad de León, Universidad de Extremadura, France Telecom España, S.A., GMV sistemas, AMPLIA SOLUCIONES S.L. e Instituto Tecnológico Agrario de Castilla y León.

DATE: 01/04/2008-31/03/2011

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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12. TITLE: "Caracterización genética y morfológica de encastes de la raza de Lidia en situación de riesgo en Castilla y León".

FUNDING: Plan nacional de I+D+i. MICINN -INIA. Ref. RZ2008-00005-C02-01

PARTICIPANTS: Facultad Veterinaria de la Universidad Complutense de Madrid, Facultad Veterinaria de la Universidad de LEÓN e ITACyL

DATE: 22/07/2008-22/07/2011

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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11. TITLE: "Establecimiento de Líneas de Colaboración entre el ITACyL y el AAFC (Canadá) para la investigación y desarrollo del Sector Agroalimentario y Ganadero".

FUNDING: Plan nacional de I+D+i MCYT-INIA. Ref. ACT06-006

PARTICIPANTS: ITACyL

DATE: 01/01/2007-31/12/2007

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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10. TITLE: "Participación del Instituto Tecnológico Agrario de Castilla y León en la plataforma TRIBIOTEC y colaboración en actividades de transferencia de tecnología agroalimentaria con el polo tecnológico de Saint-Hyacinthe".

FUNDING: Plan nacional de I+D+i MCYT-INIA. Ref. ACT06-004

PARTICIPANTS: ITACyL

DATE: 01/01/2007-31/12/2007

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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9. TITLE: "Ayuda para la preparación UE: "Red de Excelencia Pan- European Common Strategies for Implementation of Analytical Methods For Food Safety And Quality".

FUNDING: Plan nacional de I+D+i MCYT. Ref. AGL2006-26001-E/ALI

PARTICIPANTS: ITACyL

DATE: 10/01/2006-09/01/2007

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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8. TITLE: "Fomento de la Cooperación Internacional en Materia de Investigación en la Raza de Lidia: Reunión Científico-Técnica y I Curso Internacional del Toro de Lidia: Nuevas Técnicas de Producción en Ganado Bravo".

PARTICIPANTS: ITACyL

FUNDING: Plan nacional de I+D+i MCYT-INIA. Ref. AC07-012

DATE: 01/01/2007-31/12/2007

CUANTÍA DE SUBVENCIÓN: 6.400,00 €

PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

NÚMERO DE INVESTIGADORES PARTICIPANTES: 2

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7. TITLE: "Obtención de variedades para una agricultura sostenible española".

PARTICIPANTS: IRTA, CSIC, ITACyL y Fundación para el desarrollo Sostenible de Castilla-La Mancha

FUNDING: Plan nacional de I+D+i MICINN -INIA. Ref. RTA2009-00006-C04-03.

DATE: 01/09/2009-31/08/2012

PRINCIPAL INVESTIGATOR: Dr. Francisco Jesús Ciudad Baufista

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6. TITLE: "Detección, filogenia y ecología molecular de la microbiota implicada en el síndrome de agalaxia contagiosa en explotaciones de ovino de leche".  
 FUNDING: Plan nacional de I+D+i. MICINN-INIA. Ref. RTA 2008-00073-00-00  
 PARTICIPANTS: ITACyL  
 DATE: 22/07/2008-22/07/2011  
 PRINCIPAL INVESTIGATOR: Dr. David Rodríguez Lázaro

5. TITLE: "Desarrollo de marcadores de calidad chip para la mejora genética de patata".  
 FUNDING: PROFIT MEC Ref. CIT-010000-2007  
 PARTICIPANTS: CNB-CSIC, Appacale, Precocinados Fuentetaja e ITACyL  
 DATE: 01/04/2007-31/03/2009  
 PRINCIPAL INVESTIGATOR GRUPO: Dra. Sabomé Prat Monguio

4. TITLE: "Creación de un banco de semen en cerdo ibérico: contrastación y control sanitario".  
 FUNDING: Plan nacional de I+D+i MEC-INIA. Ref. RTA2006-00020-C04-03.  
 PARTICIPANTS: INIA-Madrid e ITACyL  
 DATE: 01/01/2006-31/12/2008  
 PRINCIPAL INVESTIGATOR: Dr. Ratil Sánchez

3. TITLE: "Obtención de variedades de cebada con amplia adaptación en España".  
 FUNDING: Plan nacional de I+D+i MEC-INIA. Ref. RZ2004-00040-C03-02.  
 DATE: 01/10/2006-30/09/2009  
 PRINCIPAL INVESTIGATOR: Primitiva Codesal Vara

2. TITLE: "Preparación de la propuesta de proyecto *"Selection and improving of fit-for-purpose sampling procedures for specific foods and risks"* para la convocatoria FP7-KBBE-2007-2A del VII programa marco europeo".  
 PARTICIPANTS: ITACyL  
 FUNDING: Plan nacional de I+D+i MCYT-INIA. Ref. AGL2007-30488-EJ/AL  
 DATE: 01/01/2008-31/12/2008  
 PRINCIPAL INVESTIGATOR: Dr. David Rodríguez-Lázaro

1. TITLE: "Desarrollo de métodos de alta sensibilidad para la detección, identificación y cuantificación de OMGs en alimentos".  
 FUNDING: Plan nacional de I+D+i. MCYT-INIA. Ref. CAL01-058-C2-2  
 PARTICIPANTS: Universidad de Girona, IBMB-CSIC y Bionostra, S.L.  
 DATE: 11/2002-11/2004  
 PRINCIPAL INVESTIGATOR: Dra. Ana Sanz

## REGIONAL (21)

21. TITLE: Estudio de la prevalencia de *Campylobacter jejuni* y *C. coli* a lo largo de la cadena alimentaria de carne de pollo, desde la granja hasta el consumidor, con especial mención a factores de virulencia.  
 PARTICIPANTS: Universidad de Burgos  
 FUNDING: Junta de Castilla y León. Ref. BU159U14 BOCYL nº 222 18/11/14  
 DATE: 01/01/2015-31/12/2016  
 PRINCIPAL INVESTIGATOR: Dr. ROVIRA CARBALLIDO, JORDI

20. TITLE: Caracterización molecular de factores microbianos y ambientales implicados en la hinchazón tardía del queso.  
 PARTICIPANTS: ITACyL  
 FUNDING: ITACyL- Junta de Castilla y León. Ref. AUTÓNOMO, 2010/1283  
 DATE: 01/05/2010-31/05/2015  
 PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

19. TITLE: Identificación y cuantificación de *Enterobacter sakazakii* mediante citometría de flujo. Modelado matemático de su comportamiento.  
 PARTICIPANTS: Universidad de Valladolid e ITACYL  
 FUNDING: SACyL- Junta de Castilla y León. Ref. SAN673VA05/08.  
 DATE: 01/10/2008-30/09/2009  
 PRINCIPAL INVESTIGATOR: Dr. Emiliano José Quinto Fernández

18. TITLE: "Nuevas herramientas moleculares para el diagnóstico rápido y sensible de *Enterobacter sakazakii*".  
 PARTICIPANTS: Universidad de Valladolid e ITACYL  
 FUNDING: SACyL- Junta de Castilla y León. Ref. SAN196VA07/07  
 DATE: 01/05/2007-30/04/2008  
 PRINCIPAL INVESTIGATOR: Dr. Emiliano José Quinto Fernández

17. TITLE: "Desarrollo e implantación de un sistema de trazabilidad del cerdo de raza ibérico basado en marcadores moleculares". TRAZIBER  
 PARTICIPANTS: ITACyL

FUNDING: Proyecto autónomo. ITACyL. Ref. 2007/910  
DATE: 01/01/2007-31/12/2009  
PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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16. TITLE: "Potenciación de la investigación agrícola mediante técnicas de biología molecular". AGRIMOL  
PARTICIPANTS: ITACyL  
FUNDING: Proyecto autónomo. ITACyL. Ref. 2007/660  
DATE: 01/04/2007-31/03/2010  
PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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15. TITLE: "Prueba y evaluación de la planta de tratamiento de desinfección de agua de la modernización del regadío de la comunidad de regantes del canal de Babilafuente".  
PARTICIPANTS: ITACyL  
FUNDING: Proyecto infraestructuras. ITACyL. Ref. 2007/2060  
DATE: 01/07/2008-31/10/2010  
PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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14. TITLE: Evaluación de la plaga de topilo campesino en Castilla y León (2007-2008): detección de agentes biológicos de interés y otras evidencias indirectas. Ref. 2009/1422  
PARTICIPANTS: ITACyL y Universidad de León  
FUNDING: Proyecto con Universidades. ITACyL.  
DATE: 01/7/2009-31/7/2012  
CUANTÍA DE SUBVENCIÓN: 84.500,00 €  
PRINCIPAL INVESTIGATOR: Dr. Elías F. Rodríguez Ferri y Dr. David Rodríguez Lázaro.

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13. TITLE: "Diagnóstico molecular de la presencia de virus de origen entérico en muestras de la cadena alimentaria".  
PARTICIPANTS: ITACyL  
FUNDING: Plan de Experimentación Agraria. ITACyL. Ref. 2009/110093  
DATE: 01/01/2009-31/12/2009  
PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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12. TITLE: "Evaluación de la presencia de fagos en leche de oveja: estudio de su adsorción a la superficie bacteriana".  
PARTICIPANTS: ITACyL  
FUNDING: Plan de Experimentación Agraria. ITACyL. 2009/110094  
DATE: 01/01/2009-31/12/2009  
INVESTIGADOR/PRINCIPAL: Dra. Marta Hernández Pérez

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11. TITLE: "Aislamiento de *Staphylococcus aureus* en leche de oveja: evaluación de cepas resistentes a antibióticos".  
PARTICIPANTS: ITACyL  
FUNDING: Plan de Experimentación Agraria. ITACyL. Ref. 2009/110075  
DATE: 01/01/2009-31/12/2009  
PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

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10. TITLE: "Estudio preliminar de la aplicación de la tecnología de altas presiones hidrostáticas para el control de la presencia de virus y parásitos de origen alimentario en productos vegetales de IV gama".  
PARTICIPANTS: ITACyL  
FUNDING: Plan de Experimentación Agraria. ITACyL. 2009/110103  
DATE: 01/01/2009-31/12/2009  
PRINCIPAL INVESTIGATOR: Dr. David Rodríguez Lázaro

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9. TITLE: "Evaluación de la presencia y riesgo asociado de patógenos alimentarios (*Listeria monocytogenes* y *Salmonella*) en alimentos preparados".  
PARTICIPANTS: ITACyL  
FUNDING: Plan de Experimentación Agraria. ITACyL. 2009/110102  
DATE: 01/01/2009-31/12/2010  
PRINCIPAL INVESTIGATOR: Dr. David Rodríguez Lázaro

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8. TITLE: "Transformación de productos hortofrutícolas en snacks de bajo contenido en grasa mediante la aplicación de tecnología de fritura a vacío".  
PARTICIPANTS: ITACyL  
FUNDING: Plan de Experimentación Agraria. ITACyL. 2009/110094  
DATE: 01/01/2009-31/12/2009  
PRINCIPAL INVESTIGATOR: Dr. David Rodríguez Lázaro

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7. TITLE: "Evaluación de nuevas tecnologías para incrementar la vida post-cosecha de productos vegetales (higo fresco y cerezas) conservando sus propiedades sensoriales y físico-químicas".  
PARTICIPANTS: ITACyL  
FUNDING: Plan de Experimentación Agraria. ITACyL. 2009/110100  
DATE: 01/01/2009-31/12/2009  
PRINCIPAL INVESTIGATOR: Dr. David Rodríguez Lázaro

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6. TITLE: "Evaluación de la estructura de la cromatina del ADN espermático en la raza de Lidia de Castilla y León".  
PARTICIPANTS: ITACyL  
FUNDING: Plan de Experimentación Agraria. ITACyL. Ref. 2007/1483  
DATE: 01/01/2008-31/12/2008  
PRINCIPAL INVESTIGATOR: Juan José García García

5. TITLE: "Estudio de tratamientos alternativos de agalaxia contagiosa mediante diagnóstico molecular de *Mycoplasma agalactiae*".  
 PARTICIPANTS: ITACyL  
 FUNDING: Plan de Experimentación Agraria. ITACyL. 2009/110094  
 DATE: 01/01/2008-31/12/2008  
 PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

4. TITLE: "Evaluación molecular de tratamientos alternativos a la mamtitis en ovino lechero".  
 FUNDING: Plan de Experimentación Agraria. ITACyL. Ref. 2008/232112  
 DATE: 01/01/2008-31/12/2008  
 CUANTÍA DE SUBVENCIÓN: 4.300 €  
 PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

3. TITLE: "Evaluación de la presencia y riesgo asociado a *Listeria monocytogenes* en alimentos preparados de origen vegetal".  
 PARTICIPANTS: ITACyL  
 FUNDING: Plan de Experimentación Agraria. ITACyL. Ref. 2008/232211  
 DATE: 01/01/2008-31/12/2008  
 PRINCIPAL INVESTIGATOR: Dr. David Rodríguez Lazaro

2. TITLE: "Desarrollo de un kit diagnóstico para la evaluación del riesgo asociado a *Enterobacter sakazakii* en la elaboración de alimentos preparados para lactantes (leches maternizadas) y preparados de continuación".  
 PARTICIPANTS: ITACyL  
 FUNDING: Plan de Experimentación Agraria. ITACyL. Ref. 2008/232212  
 DATE: 01/01/2008-31/12/2008  
 PRINCIPAL INVESTIGATOR: Dr. David Rodríguez Lazaro

1. TITLE: "Validación del método de diagnóstico por PCR a tiempo real de *Mycoplasma agalactiae* en aislados de leche de oveja". N° del proyecto: 2004/399.131  
 PARTICIPANTS: ITACyL  
 FUNDING: Plan de Experimentación Agraria. ITACyL.  
 DATE: 01/01/2007-31/12/2007  
 PRINCIPAL INVESTIGATOR: Dra. Marta Hernández Pérez

## PUBLICATIONS

### ARTICLES SCI (81)

81. AUTHORS: Rosario Sánchez-Benito, M. Rocío Iglesias, Narciso M. Quijada, María J. Campos, María Ugarte-Ruiz, Marta Hernández, Carmen Pazos, David Rodríguez-Lázaro, Eugenio Garduño, Lucas Domínguez, Alberto Quesada  
 TITLE: *Escherichia coli* ST167 carrying plasmid mobilisable *mcr-1* and *blaCTX-M-15* resistance determinants isolated from a human respiratory infection.  
 REF: *International Journal of Antimicrobial Agents* DATE: Accepted date: 25-5-2017

80. AUTHORS: Valero, A., Ortiz, J.C., Fongaro, G., Hernández, M., Rodríguez-Lázaro, D.  
 TITLE: Definition of sampling procedures for collective-eating establishments based on the distribution of environmental microbiological contamination on food handlers, utensils and surfaces  
 REF: *Food Control* Volume 77, Pages 8-16 DATE: 1 July 2017

79. AUTHORS: Hernández, M., López-Enríquez, L., Rodríguez-Lázaro, D.  
 TITLE: Quantitative Detection of *Clostridium perfringens* by Real-Time PCR in Raw Milk  
 REF: *Food Analytical Methods*, Volume 10, Issue 5, Pages 1139-1147 DATE: 1 May 2017

78. AUTHORS: Rodríguez-Lázaro, D., López-Enríquez, L., Ocampo-Sosa, A.A., Muñoz, P., Blasco, J.M., Marín, C., Hernández, M.  
 TITLE: Evaluation of *eryC* as a Molecular Marker for the Quantitative Detection of *Brucella* Spp. by Real-Time PCR in Food Samples  
 REF: *Food Analytical Methods*, Volume 10, Issue 5, Pages 1148-1155 DATE: 1 May 2017

77. AUTHORS: Chinmay Dwivedi, Dawn Birdsell, Adrian Lärkerud, Kerstin Myrtenäs, Caroline Öhrman, Elin Nilsson, Edvin Karlsson, Christian Hochhalter, Andrew Rivera, Sara Matinsky, Britany Bayer, Paul Keim, Holger C. Scholz, Herbert Tomaso, Matthias Wittwer, Christian Beuret, Nadia Schuerch, Paola Pilo, Marta Hernández Pérez, David Rodríguez-Lazaro, Raquel Escudero, Pedro Anda, Mats Forsman, David M. Wagner, Pär Larsson and Anders Johansson  
 TITLE: Long-range dispersal moved *Francisella tularensis* into Western Europe from the East  
 REF: *Microbial Genomics*, 2016 2, doi: 10.1099/mgen.0.000100 DATE: 1 December 2016

76. AUTHORS: Elena-Alexandra Oniciuc, Anca Ioana Nicolau, Marta Hernández, David Rodríguez-Lázaro  
 TITLE: Presence of methicillin-resistant *Staphylococcus aureus* in the food chain Review Article  
 REF: *Trends in Food Science and Technology*, Volume 61, 1 Pages 49-59 DATE: March 2017

75. AUTHORS: Gislaine Fongaro, MariCruz Garcia, Marta Hernández, Ailton Kunz, Celia Barardi, David Rodríguez-Lazaro  
 TITLE: DIFFERENT BEHAVIOUR OF ENTERIC BACTERIA AND VIRUSES IN CLAY AND SANDY SOILS AFTER BIOFERTILIZATION WITH SWINE DIGESTATE  
 REF: *Frontiers in Microbiology*, section Food Microbiology, Volume 8, Issue JAN, Article number 74 doi.org/10.3389/fmicb.2016.02008 DATE: 31 January 2017

74. AUTHORS: Narciso M Quijada, Gislaine Fongaro, Célia Regina Monte Barardi, Marta Hernandez, David Rodríguez-Lazaro  
 TITLE: Propidium monoazide integrated with qPCR enables the detection and enumeration of infectious enteric RNA and DNA viruses in clam and fermented sausages.  
 REF: *Frontiers in Microbiology*, section Food Microbiology. *Front. Microbiol.*, <https://doi.org/10.3389/fmicb.2016.02008> DATE: 15 December 2016



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 TITLE: Propidium Monoazide Coupled with PCR Predicts Infectivity of Enteric Viruses in Swine Manure and Biofertilized Soil.  
 REF. Food and Environmental Virology Volume 8, Issue 1, 1 Pages 79-85 DATE: March 2016
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72. AUTHORS: Ruhanya, V., Díez-Valcarlos, M., D'Agostino, M., Cook, N., Hernández, M., Rodríguez-Lázaro, D.  
 TITLE: Monitoring of Extraction Efficiency by a Sample Process Control Virus Added Immediately Upon Sample Receipt.  
 REF. International: Food and Environmental Virology Volume 7, Issue 4, 1, 413-416 DATE: December 2015
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71. AUTHORS: Fernández-Natal, M.I., Soriano, F., Acedo, A., Hernandez, M., Tauch, A., Rodríguez-Lázaro, D.  
 TITLE: Draft genome sequences of the two unrelated macrolide resistant *Corynebacterium argenterotense* strains CNM463/05 and CNM601/08 isolated from patients in the University Hospital of León, Spain.  
 REF. International: Genome Announcements 2015 ;3(4) DATE: 2015 Jul 9. doi: 10.1128/genomeA.00765-15
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70. AUTHORS: Ariza-Miguel, J., Oniciuc, E.A., Sanz, I., Fernández-Natal, I., Hernández, M., Rodríguez-Lázaro, D.  
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 REF. Int. J. Food Microbiol. 209:26-8. DATE: 2015 Sep 16; Epub 2015 May 12.
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69. AUTHORS: Rodríguez-Lázaro, D.\*, Díez-Valcarlos, M., Montes-Briones, R., Gallego, D., Hernández, M., Rovira, J.  
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 REF. Int. J. Food Microbiol 209:39-43. DATE: 2015 Sep 16; Epub 2015 Apr 29.
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 TITLE: Draft genome sequences of *Corynebacterium kroppenstedtii* CNM633/14 and CNM632/14, multidrug-resistant and antibiotic-sensitive isolates from nodules of granulomatous mastitis patients.  
 REF. Genome Announcements 3(3): DATE: 2015 May-Jun; e00525-15.
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67. AUTHORS: Oniciuc, E.A., Ariza-Miguel, J., Bolocan, A.S., Díez-Valcarlos, M., Rovira, J., Hernández, M., Fernández-Natal, I., Nicolau, A.I., Rodríguez-Lázaro, D.\*  
 TITLE: Foods confiscated from black market at EU border as a neglected route of potential Methicillin-Resistant *Staphylococcus aureus* transmission.  
 REF. Int. J. Food Microbiol. ;209:34-8. DATE: 2015 Sep 16 Epub 2014 Nov 22
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66. AUTHORS: Gismervik K; Randby ÁT; Rørvik LM; Bruheim T; Andersen A; Hernandez M; Skaar I.  
 TITLE: Effect of invasive slug populations (*Arion vulgaris*) on grass silage. II. Microbiological quality and feed safety.  
 REF. INTERNATIONAL: ANIMAL FEED SCIENCE AND TECHNOLOGY 199, 20-28 DATE: January 2015
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65. AUTHORS: Meryem Muhterem-Uyara; Marion Dalmassoc; Andrei Sorin Bolocand; Marta Hernandez; Anastasia E. Kapetanakouf; Tomáš Kuchtag; Stavros G. Maniosf; Beatriz Meleroe; Jana Minarovičová; Anca Ioana Nicolaud; Jordi Rovira; Panagiotis N. Skandamisf; Kieran Jordanc; David Rodríguez-Lázaro; Beatrix Stessla; Martin Wagnera.  
 TITLE: Environmental sampling for *Listeria monocytogenes* control in food processing facilities reveals three contamination scenarios  
 REF. INTERNATIONAL: Food Control 51 pág. 94-107 DATE: May 2015
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 TITLE: Identification and molecular characterization of pathogenic bacteria in foods confiscated from non-EU flights passengers at one Spanish Airport.  
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63. AUTHORS: Ariza-Miguel, J.; Hernández, M.; Fernández-Natal, I.; Rodríguez-Lázaro, D.\*  
 TITLE: Methicillin-Resistant *Staphylococcus aureus* Harboring *mecC* in Livestock, Spain.  
 REF. JOURNAL OF CLINICAL MICROBIOLOGY. vol. 52 no. 11 4067-4069 DATE: November 2014
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62. AUTHORS: Rodríguez-Lázaro, D.\*; Ariza-Miguel, J.; Díez-Valcarlos, M.; Fernández-Natal, I.; Hernández, M.; Rovira, J. TITLE: Foods confiscated from non-EU flights as a neglected route of potential Methicillin-Resistant *Staphylococcus aureus* transmission.  
 REF. INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY; 209:29-33 DATE: 2015 Sep 16 Epub 2014 Aug 19
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61. AUTHORS: Ariza-Miguel, J.; Hernández, M.; Fernández-Natal, I.; Rodríguez-Lázaro, D.\*  
 TITLE: Molecular epidemiology of methicillin-resistant *Staphylococcus aureus* in a university hospital in northwestern Spain.  
 REF. INTERNATIONAL MICROBIOLOGY 17(3):149-57. doi: 10.2436/20.1501.01.217.. DATE: 2014 Sep
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60. AUTHORS: Rodríguez-Lázaro, D.\*; Gonzalez-García, P.; Valero, A.; Hernandez, M.

TITLE: Application of the SureTect detection methods for *Listeria monocytogenes* and *Listeria* spp. in meat, dairy, fish and vegetable products.  
 REF. Food Anal. Methods. Volume 8, Issue 1, pp 1-6  
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 REF. REVISTA/LIBRO: FOOD CONTROL 44, 22-25  
 DATE: OCT 2014

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58. AUTHORS: Manfreda, Gerardo; Valero, Antonio; Rodriguez-Lazaro, David; Hernandez, Marta; Pasquali, Frederique; De Cesare, Alessandra.  
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57. AUTHORS: Valero, Antonio; Hernandez, Marta; De Cesare, Alessandra; Manfreda, Gerardo; Gonzalez-Garcia, Patricia; Rodriguez-Lazaro, David.  
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54. AUTHORS: Rodriguez-Lazaro, David; Gonzalez-Garcia, Patricia; Gattuso, Antonietta; Gianfranceschi, Monica Virginia; Hernandez, Marta.  
 TITLE: Reducing time in the analysis of *Listeria monocytogenes* in meat, dairy and vegetable products.  
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53. AUTHORS: Gattuso, Antonietta; Gianfranceschi, Monica Virginia; Sonnessa, Michele; Delibato, Elisabetta; Marchesan, Massimo; Hernandez, Marta; De Medici, Dario; Rodriguez-Lazaro, David.  
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 TITLE: Next day Salmonella spp. detection method based on real-time PCR for meat, dairy and vegetable food products.  
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TITLE: El análisis de organismos modificados genéticamente (OMG) en materias primas, alimentos y piensos  
REF. Libro  
CLAVE: L DATE: Febrero 2006  
I.S.B.N.: 84-933654-9-1  
Editorial y lugar de publicación: Junta de Castilla y León, Valladolid

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REF. Libro Veterinary Microbiology and Microbial Disease 2<sup>nd</sup> edition  
CLAVE: CL DATE: Febrero 2006  
I.S.B.N.:  
Editorial y lugar de publicación: Acribia, Zaragoza

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## PATENTS

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3. INVENTORS: David Rodríguez Lázaro, María Pla, José Antonio Vázquez-Boland, Marta Hernández, Teresa Esteve y Mariela Scotti.  
TITLE: Oligonucleótidos específicos para la detección, identificación y cuantificación de ciertas cepas de *Listeria*  
NUMBER OF APPLICATION: P200400484 DATE: 01/06/2007  
COUNTRY: España  
OWNER: Universidad de Gerona

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2. INVENTORS: Marta Hernández, David Rodríguez Lázaro, Lorena López-Enríquez.  
TITLE: Oligonucleótidos específicos para la detección, identificación y cuantificación de aislados de *Clostridium tyrobutyricum*  
NUMBER OF APPLICATION: 20070426102453618 DATE: 01/06/2007  
COUNTRY: España  
OWNER: ITACyL

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1. INVENTORS: Marta Hernández, David Rodríguez Lázaro, Lorena López-Enríquez, Katarina Oravcova.  
TITLE: Oligonucleótidos específicos para la detección, identificación y cuantificación de aislados de *Mycoplasma agalactiae*  
NUMBER OF APPLICATION: P 2008 02744 DATE: 08/09/2008  
COUNTRY: España  
OWNER: ITACyL

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## SUPERVISOR OF THESIS

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3. TITLE: Aplicación de la estrategia One Health al estudio de patógenos emergentes con relevancia en Castilla y León  
STUDENT: Jaime Miguel Ariza FACULTAD: Facultad de Veterinaria  
UNIVERSIDAD: León  
STARTING DATE: 01/01/2008 DATE OF VIVA: 18 enero 2016  
QUALIFICATION: Sobresaliente *cum laude*

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2. TITLE: ESTUDIO DE LA CALIDAD SEMINAL DEL TORO DE LIDIA: FRAGMENTACIÓN DEL ADN ESPERMÁTICO  
STUDENT: Raquel Posado Ferreras FACULTY: FACULTY de Veterinaria  
UNIVERSITY: Complutense de Madrid  
STARTING DATE: 01/01/2008 DATE OF VIVA: 26 septiembre 2014  
QUALIFICATION: Sobresaliente

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1. TITLE: MONITORING, IDENTIFICATION, GENOTYPING AND INACTIVATION OF ENTERIC VIRUSES IN THE FOOD CHAIN.  
STUDENT: Marta Díez Valcarlos FACULTY: FACULTY de Veterinaria  
UNIVERSITY: Universidad de León  
STARTING DATE: 01/10/2008 DATE OF VIVA: 30 Noviembre 2012  
QUALIFICATION: Sobresaliente *cum laude* mención internacional

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