



Consejo Nacional de Ciencia y Tecnología

CONSEJO NACIONAL DE CIENCIA Y TECNOLOGIA

ORDAZ ORTIZ, JOSE JUAN

CURRICULUM VITAE UNICO DEV AGS

DATOS PERSONALES

No. CVU 37099
Fecha de Nacimiento 08 de diciembre de 1969
Estado Civil Casado
Lugar de Nacimiento OAXACA, México
Nacionalidad MEXICANO
Género MASCULINO

Dirección Calleja de la Gargola 587, SAN ANTONIO DE AYALA, IRAPUATO, GUANAJUATO, México
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IDENTIFICACIONES

México CURP: OAOJ691208HOCRRN04 *
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CORREO

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TELEFONO

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DESEMPEÑO PROFESIONAL

ADSCRIPCION ACTUAL

01/2015 - , CENTRO DE INVESTIGACION Y DE ESTUDIOS AVANZADOS DEL INSTITUTO POLITÉCNICO _____ ; NACIONAL. / UNIDAD IRAPUATO, **PROFESOR INVESTIGADOR**

EXPERIENCIA LABORAL

11/2010 - **Institución** , ENTIDADES EXTERNAS, **RESEARCH FELLOW**, CRANFIELD UNIVERSITY, PLANT
 10/2014 ; METABOLOMICS, POSTHARVEST PHYSIOLOGY OF FRESH PRODUCE, PLANT SCIENCES, **I lead method development and management of the new Ultra-High Definition (UHD) Accurate-Mass Q-TOF LC-MS Agilent 6540 metabolomics suite. I manage the biochemical requirement both targeted and non-targeted biochemical analysis using this new system and standard liquid chromatography systems. My research was focused on developing metabolite profiling of most plant secondary metabolites in a variety of plant system. I also lead industrial contract research, using metabolic approaches for the discoveries of bioactive compounds in Tradicional Chinese Medicine Herbs, in collaboration with Unilever R&D at Colworth, UK. Alongside developing methods for the discovery of metabolites related to postharvest physiological disorder in potato tubers, strawberries, mandarines, and more recently developing methods for volatile profiling of Mexican vanilla using**

thermal desorption gas chromatography coupled to time of flight mass spectrometry and adapting current methods for the screening of auxins in Agave plants.,

- 02/2006 - **Institución** , ENTIDADES EXTERNAS, **RESEARCH FELLOW**, UNIVERSITY OF LEEDS, PLANT CELL
02/2009 ; WALL BIOCHEMISTRY, IMAGING OF PLANT CELL WALL ARCHITECTURE, , **I developed methods to isolate intact cells from both unripe and ripe tomato fruit pericarp. This research allowed the cell biological analysis of polysaccharide epitomes at the surface of separated cells. Using monoclonal antibodies against pectic domains (homogalacturonan, arabinan and galactan) and hemicellulose epitopes (xylan, manna and xyloglucan) I identified the occurrence of hemicelluloses located at intercellular spaces and the adhesion planes of the tomato pericarp parenchyma. These observation indicate that hemicellulose polymers are present in architectural contexts reflecting cell adhesion and that several cell wall polysaccharide classes are likely to contribute to cell adhesion/cell separation in tomato fruit pericarp parenchyma.,**
- 07/2005 - **Institución** , ENTIDADES EXTERNAS, **POSTDOCTORAL RESEARCH FELLOW**, INRA-
12/2005 ; MONTPELLIER, FOOD SCIENCE AND NUTRITION, PLANT CELL WALL COMPOSITION AND ANALYSIS, CHROMATOGRAPHY ANALYSIS, **The research was focused on the characterisation of the phenolic compounds in the pericarp and endosperm, and their relation with the popping quality of popcorn (ability to produce butterfly or mushroom shape). I developed analytical chemistry skills: gas chromatography, reversed phase HPLC equipped with UV detection and statistical analysis (multivariate analysis).,**
- 11/1999 - **Actividad Profesional** , EMPRESAS PRODUCTIVAS, **ANALISTA DE PROCESO**, GRUPO ALFA,
06/2000 ; CONTROL DEL PROCESO DE PRODUCTION DE EMBUTIDOS, JAMONES, USO DE HACCP PARA EL CONTROL Y ASEGURAMIENTO DE LA CALIDAD, CONTROL ESTADISTICO DEL PROCESO DE PRODUCCIÓN, ,
- 10/1997 - **Actividad Profesional** , EMPRESAS PRODUCTIVAS, **ANALISTA DE CONTROL DE CALIDAD**,
10/1999 ; GRUPO HERDEZ, CONTROL DE LA CALIDAD EN LINEAS DE PRODUCCIÓN, CONTROL DE CALIDAD EN LINEAS DE MERMELADA Y MAYONESAS, ANALISIS MICROBIOLOGICO EN SUMINISTROS MATERIAS PRIMAS, STAFF, PRODUCTO TERMINADO, USO DE HACCP,, ,
- 11/1994 - **Actividad Profesional** , EMPRESAS PRODUCTIVAS, **SUPERVISOR DE INVESTIGACION Y**
06/1997 ; **DESARROLLO**, BIMBO, S.A. DE C.V., INVESTIGACION Y DESARROLLO DE NUEVOS PRODUCTOS, DESARROLLO DE NUEVOS PRODUCTOS TIPO SNACKS, INVESTIGACION EN TÉCNICAS ALTERNATIVAS A LA NIXTAMALIZACION, **Generacion de nuevos productos, desde la conceptualizacion, desarrollo en el laboratorio de nuevos productos hasta su lanzamiento en lineas de producción.,**

PRODUCCION CIENTIFICA

ARTICULOS

- 2016 ; **Tissue biochemical diversity of 20 gooseberry cultivars and the effect of ethylene supplementation on postharvest life.**, Maria Anastasiadi Paul M. Mwangi José J. Ordaz-Ortiz Sally P. Redfern Mark Berry Monique S.J. Simmond Leon A. Terry, **Postharvest Biology and Technology**, Vol.117, Pag.141-151, **Revistas Indizadas** ,
- 2016 ; **Computationally Modelled Receptors for Drug Monitoring Using an Optical Based Biomimetic SPR Sensor**ISSN: 09254005, Zeynep Altintas Benoit France Jose O. Ortiz Ibtisam E. Tohill, **Sensors and Actuators B**, Vol.224, Pag.726-737, **Revistas Indizadas** ,
- 2015 ; **Isolation, identification, and ecology of growth and taxol production by an endophytic strain of Paraconiothyrium variabile from English yew trees (Taxus baccata)**ISSN: 18786146, Supunnika Somjaipeng Angel Medina H Kwasna J Ordaz Ortiz Naresh Magan, **Fungal Biology**, Vol.119, Pag.1022-1031, **Revistas Indizadas** ,
- 2015 ; **FUNCTIONALLY DIFFERENT PIN PROTEINS CONTROL AUXIN FLUX DURING BULBIL DEVELOPMENT IN AGAVE TEQUILANA**ISSN: 00220957, María Jazmín Abraham Juárez Rocío Hernández Cárdenas José Natzul Santoyo Villa Devin O' Connor Aaron Sluis Sarah Hake José Ordaz-Ortiz Leon Terry June Simpson, **Journal of Experimental Botany**, Vol.66, Pag.3893-3905, **Revistas Indizadas** ,
- 2015 ; **ASSESSING TEMPORAL FLUX OF PLANT HORMONES IN STORED PROCESSING POTATOES USING HIGH DEFINITION ACCURATE MASS SPECTROMETRY.** DOI:10.1038/HORTRES.2015.2, Jose Juan Ordaz Ortiz Sofia Foukaraki Leon Alexander Terry, **Horticulture Research**, Vol.2, Pag.1-8, **Revistas Indizadas** ,
- 2015 ; **Rapid methods for extracting and quantifying phenolic compounds in citrus rinds** DOI: 10.1002/fsn3.210, Lembe Samukelo Magwaza Umezuruike Linus Opara Sandra Landahl Paul J R Cronje Jose Ordaz Ortiz Leon A Terry, **Food Science and Nutrition**, Vol.4, Pag.4-10, **Revistas Arbitradas** ,
- 2013 ; **A NEW REAL-TIME AUTOMATED METHOD FOR MEASURING IN SITU RESPIRATION RATES OF FRESH PRODUCE.** ISSN: 05677572, Collings, E. Garcia Cas, J.A. Ortiz, J.O. Terry, L.A., **Acta Horticulturae**, Vol.1012, Pag.1151-1158, **Memorias de congresos** ,
- 2013 ; **A NEW LIQUID CHROMATOGRAPHY ULTRA-HIGH DEFINITION ACCURATE MASS SPECTROMETRY METHOD FOR THE SIMULTANEOUS QUANTITATION OF NINE PLANT**

- HORMONES IN FRUITS AND VEGETABLES. ISSN: 05677572**, Ortiz, J.O. Foukaraki, S.G. Terry, L.A., *Acta Horticulturae*, Vol.1012, Pag.821-828, **Memorias de congresos** ,
- 2009 ; **CELL WALL MICROSTRUCTURE ANALYSIS IMPLICATES HEMICELLULOSE POLYSACCHARIDES IN CELL ADHESION IN TOMATO FRUIT PERICARP PARENCHYMA. DOI: 10.1093/MP/SSP049, ISSN: 1674-2052**, Ordaz-Ortiz, J.J. Marcus, S. Paul Knox, J., **Molecular Plant**, Vol.2, Pag.910-921, **Revistas Indizadas** ,
- 2009 ; **AN EXTENDED SET OF MONOCLONAL ANTIBODIES TO PECTIC HOMOGALACTURONAN. DOI: 10.1016/J.CARRES.2008.11.010, ISSN: 0008-6215**, Yves Verherbruggen Susan E Marcus Ash Haeger José J Ordaz-Ortiz J Paul Knox, **Carbohydrate Research**, Vol.344, Pag.1858-1862, **Revistas Indizadas** ,
- 2008 ; **PECTIC HOMOGALACTURONAN MASKS ABUNDANT SETS OF XYLOGLUCAN EPITOPES IN PLANT CELL WALLS. DOI: 10.1186/1471-2229-8-60, ISSN: 1471-2229**, Susan E. Marcus Yves Verherbruggen Cécile Hervé José J Ordaz-Ortiz Vladimir Farkas Henriette L. Pedersen William GT Willats J Paul Knox, **BMC Plant Biology**, Vol.8, Pag.1-12, **Revistas Indizadas** ,
- 2006 ; **STRUCTURAL CHARACTERISATION OF UNDERIVATIZED ARABINO-XYLO-OLIGOSACCHARIDES BY NEGATIVE ION ELECTROSPRAY MASS SPECTROMETRY. DOI: 10.1016/J.CARRES.2006.04.039. ISSN: 0008-6215**, Quemener, B. Ordaz-Ortiz, J.J. Saulnier, L., **Carbohydrate Research**, Vol.341, Pag.1834-1847, **Revistas Indizadas** ,
- 2005 ; **STRUCTURAL VARIABILITY OF ARABINOXYLANS FROM WHEAT FLOURS. COMPARISON OF WATER-EXTRACTABLE AND XYLANASE-EXTRACTABLE ARABINOXYLANS. DOI: 10.1016/J.JCS.2004.02.004. ISSN: 0733-5210**, Ordaz-Ortiz, J.J. Saulnier, L., **Journal of Cereal Science**, Vol.42, Pag.119-125, **Revistas Indizadas** ,
- 2005 ; **CLASSIFICATION OF WHEAT VARIETIES BASED ON STRUCTURAL FEATURES OF ARABINOXYLANS AS REVEALED BY ENDOXYLANASE TREATMENT OF FLOUR AND GRAIN. DOI: 10.1021/JF050755V. ISSN: 0021-8561**, Ordaz-Ortiz, J.J. Devaux, M.F. Saulnier, L., **Journal of Agricultural and Food Chemistry**, Vol.53, Pag.8349-8356, **Revistas Indizadas** ,
- 2004 ; **SPECIFICITY OF MONOCLONAL ANTIBODIES GENERATED AGAINST ARABINOXYLANS OF CEREAL GRAINS. DOI: 10.1016/J.CARPOL.2004.05.016. ISSN: 0144-8617**, Ordaz-Ortiz, J.J. Guillon, F. Tranquet, O. Dervilly-Pinel, G. Tran, V. Saulnier, L., **Carbohydrate Polymers**, Vol.57, Pag.425-433, **Revistas Indizadas** ,
- 2004 ; **GENERATION OF POLYCLONAL AND MONOCLONAL ANTIBODIES AGAINST ARABINOXYLANS AND THEIR USE FOR IMMUNOCYTOCHEMICAL LOCATION OF ARABINOXYLANS IN CELL WALLS OF ENDOSPERM OF WHEAT. DOI: 10.1016/J.JCS.2004.06.004. ISSN: 0733-5210**, Guillon, F. Tranquet, O. Quillien, L. Utile, J.P. Ordaz-Ortiz, J.J. Saulnier, L., **Journal of Cereal Science**, Vol.40, Pag.167-182, **Revistas Indizadas** ,
- 1997 ; **VIDA DE ANAQUEL Y EVALUACIÓN SENSORIAL EN TORTILLAS DE MAÍZ ELABORADAS CON CONSERVADORES Y MEJORADORES. ISSN 0004-0622**, Ordaz Ortiz, J.J. Vázquez Carrillo, M. G., **Archivos Latinoamericanos de Nutrición**, Vol.47, Pag.372-376, **Revistas Indizadas** ,

;REPORTES TECNICOS

- 20/12/2013 ; **IDENTIFICATION AND QUANTIFICATION OF PHENOLIC COMPOUNDS IN FOXTAIL MILLET SAMPLES USING ULTRA HIGH PRESSURE LIQUID CHROMATOGRAPHY COUPLED TO HIGH DEFINITION ACCURATE MASS SPECTROMETRY**, UNILEVER R&D COLWORTH UK (CONFIDENTIAL), , Jose Juan Ordaz Ortiz Leon A. Terry, Pags. 3
- 10/08/2013 ; **ANALYSIS OF FLAVONOID AGYCONES AND GLUCOSIDES FROM SIX MEAL PREPARATIONS USING UHPLC- QTOF HIGH DEFINITION ACCURATE MASS SPECTROMETRY**, UNILEVER R&D COLWORTH UK (CONFIDENTIAL), , Jose Juan Ordaz Ortiz Katherine Cools Leon A. Terry, Pags. 3
- 30/11/2012 ; **MEASUREMENT OF LACHRYMATORY FACTOR OF ONION BULBS BY THERMAL DESORPTION & GAS CHROMATOGRAPHY TIME OF FLIGHT MASS SPECTROMETRY (TD-GC-TOF MS)**, MONSANTO EUROPE (CONFIDENTIAL), , Jose Juan Ordaz Ortiz Leon A. Terry, Pags. 8
- 20/07/2012 ; **OXIDATIVE POLYMERIZATION OF FIVE FLAVONOIDS**, UNILEVER R&D COLWORTH UK (CONFIDENTIAL), , Jose Juan Ordaz Ortiz Maria del Carmen Alamar Gavidia Leon A. Terry, Pags. 8

PARTICIPACION EN CONGRESOS

- 2013 ; **DISCOVERY, IDENTIFICATION AND METABOLITE VARIATION IN POTATO TUBERS WITH BLACKHEART SYMPTOMS: TAKING METABOLOMICS INTO POSTHARVEST.**, Extranjero, **34th British Mass Spectrometry Society Annual Meeting 2013**, ELISAVET KIAITSI LEON A. TERRY , **Reino Unido** ,
- 2013 ; **DISCOVERY, IDENTIFICATION AND METABOLITE VARIATION IN POTATO TUBERS WITH BLACKHEART SYMPTOMS: TAKING METABOLOMICS INTO POSTHARVEST.**, Extranjero, **VI International Conference on Managing Quality in Chains (MQUC)**, ELISAVET KIAITSI LEON A. TERRY , **Reino Unido** ,
- 2013 ; **TOXIC SUGAR AND THE WORLDWIDE INCREASE IN OBESITY: A LITERATURE REVIEW.**, Nacional, **Simposio Internacional Agroindustrial 2013, ¿Revolución Alimentaria?**, **México** ,

- 2012 ; **A NEW LIQUID CHROMATOGRAPHY ULTRA HIGH DEFINITION ACCURATE MASS SPECTROMETRY METHOD FOR THE SIMULTANEOUS QUANTITATION OF NINE PLANT HORMONES IN FRUITS AND VEGETABLES.**, Extranjero, **7th International Postharvest Symposium 2012**, SOFIA FOUKARAKI LEON A. TERRY , **Malasia** ,
- 2008 ; **CELL WALL MICROSTRUCTURE AND CELL-CELL ADHESION IN THE TOMATO FRUIT PERICARP**, Extranjero, **Centre for Plant Sciences Post-Doc Symposium**, SUSAN E. MARCUS J. PAUL KNOX , **Reino Unido** ,
- 2008 ; **INFLUENCE OF THE PRESENCE OF NEUTRAL CELL WALL POLYMERS ON THE MECHANICAL PROPERTIES AND MICROSTRUCTURE OF CALCIUM PECTATE GELS**, Extranjero, **2008 Plant Polysaccharide Workshop**, BRENT S. MURRAY J. PAUL KNOX , **Suecia** ,
- 2007 ; **XYLANS ARE LOCATED AT INTERCELLULAR SPACES AND ADHESION PLANES OF TOMATO FRUIT PERICARP PARENCHYMA**, Extranjero, **11th International Cell Wall Meeting**, SUE MARCUS PAUL KNOX , **Dinamarca** ,
- 2005 ; **ENZYMATIC FINGERPRINTING OF ARABINOXYLANS IN WHEAT FLOURS AND GRAINS**, Extranjero, **4th European Symposium on Enzymes in Grain Processing, ESEGP-4**, DEVAUX, M.F. SAULNIER L. , **Francia** ,
- 2004 ; **SPECIFICITY OF MONOCLONAL ANTIBODIES GENERATED AGAINST ARABINOXYLANS OF CEREAL GRAINS**, Extranjero, **10th International Cell Wall Meeting**, F. GUILLON O. TRANQUET G. DERVILLY-PINEL V. TRAN L. SAULNIER , **Italia** ,
- 2004 ; **SPECIFICITY OF MONOCLONAL ANTIBODIES GENERATED AGAINST ARABINOXYLANS OF CEREAL GRAINS**, Extranjero, **8th European Training Course on Carbohydrates**, F. GUILLON O. TRANQUET G. DERVILLY-PINEL V. TRAN L. SAULNIER , **Holanda** ,
- 2003 ; **VARIABILITÉ STRUCTURALE DES ARABINOXYLANES DE L'ALBUMEN DE BLÉ**, Extranjero, **Journées du Réseau Français des Parois**, SAULNIER, L. , **Francia** ,
- 2002 ; **A XYLAN POLYCLONAL ANTIBODY FOR LOCATION OF ARABINOXYLANS IN WHEAT GRAIN**, Extranjero, **3rd European Symposium on Enzymes in Grain Processing, ESEGP-3**, F. GUILLON T. CHEVALIER L. QUILLIEN J.P. UTILLE B. BOUCHET M.F. DEVAUX L. SAULNIER , **Bélgica** ,
- 2002 ; **MODE OF ACTION OF MICROBIAL XYLANASES TOWARD VARIOUS ARABINOXYLANS AND WHEAT ENDOSPERM CELL-WALL. EFFECT OF XYLANASE INHIBITOR**, Extranjero, **Proteinaceous inhibitors of glycoside and protein hydrolases, Gemini Workshop**, S. DAVIET E. BONNIN L. SAULNIER , **Francia** ,

FORMACION ACADEMICA

NIVELES/GRADOS ACADEMICOS

- 05/05/2005 ; **DOCTORADO**, DIPLOME DE DOCTORAT EN SCIENCES DE L'AGROALIMENTAIRE, , UNIVERSITE DE NANTES, **Francia** , LOIRE ATLANTIQUE , **ENTIDADES EXTERNAS** , Degradation enzymatique des parois du grain de ble (Triticum aestivum) par une endoxylanase de Trichoderma viride. Application a l'etude de la structure des arabinoxylanes et de leur variabilite.
- 30/06/2002 ; **MAESTRIA**, MAESTRIA EN FISICOQUIMICA Y CALIDAD DE BIO-PRODUCTOS, , UNIVERSITE DE NANTES, **Francia** , LOIRE ATLANTIQUE , **ENTIDADES EXTERNAS** , Preparation de xylo-oligosaccharides par voie enzymatique et synthèse d'antigene anti-arabinoxylans
- 23/09/1994 ; **LICENCIATURA**, INGENIERO AGROINDUSTRIAL, **2314756**, UNIVERSIDAD AUTONOMA CHAPINGO / DEPARTAMENTO DE INGENIERIA AGROINDUSTRIAL, **México** , ESTADO DE MÉXICO , **INST. DE EDU. SUP. PUBLICAS** , Vida de anaquel y evaluación sensorial en tortillas de maíz elaboradas con conservadores y mejoradores

IDIOMAS

- ; **Español** LENGUA MATERNA
- 12/03/2012 ; **Inglés** Conversacion: Alto , Lectura: Alto , Escritura: Alto (**0**)
- 30/06/2000 ; **Francés** Conversacion: Alto , Lectura: Alto , Escritura: Alto (**0**)

FORMACION DE RECURSOS HUMANOS

DOCENCIA

- 01/2014 - 01/2014 ; **Plant metabolomics**, Tiempo en Horas (1) CRANFIELD UNIVERSITY, **MAESTRIA**
- 01/2014 - 01/2014 ; **HPLC-MS Labortory demonstrations**, Tiempo en Horas (2) CRANFIELD UNIVERSITY, **MAESTRIA**
- 12/2013 - 12/2013 ; **LC-MS Laboratory demonstrations**, Tiempo en Horas (3) CRANFIELD UNIVERSITY, **MAESTRIA**
- 11/2013 - 11/2013 ; **LC-MS Demonstrations**, Tiempo en Horas (2) CRANFIELD UNIVERSITY, **MAESTRIA**
- Introduction to HPLC**, Tiempo en Horas (1) CRANFIELD UNIVERSITY, **MAESTRIA**

- 11/2013 -
11/2013 ;
- 01/2013 - **Introduction to mass spectrometry techniques**, Tiempo en Horas (1) CRANFIELD UNIVERSITY,
01/2013 ; **MAESTRIA**
- 11/2012 -
11/2012 ; **LC-MS Laboratory Demonstrations**, Tiempo en Horas (1) CRANFIELD UNIVERSITY, **MAESTRIA**
- 11/2012 -
11/2012 ; **Plant Metabolomics**, Tiempo en Horas (1) CRANFIELD UNIVERSITY, **MAESTRIA**
- 11/2012 -
11/2012 ; **HPLC-MS Laboratory Demonstrations**, Tiempo en Horas (2) CRANFIELD UNIVERSITY,
11/2012 ; **MAESTRIA**
- 03/2012 -
03/2012 ; **Carbohydrate Analysis**, Tiempo en Horas (1) CRANFIELD UNIVERSITY, **MAESTRIA**
- 02/2012 -
02/2012 ; **Introduction to Mass Spectrometry**, Tiempo en Horas (1) CRANFIELD UNIVERSITY, **MAESTRIA**

TESIS DIRIGIDAS

- 29/08/2014 ; **Blackheart an emerging problem for the Great Britain potato packing industry**, CRANFIELD UNIVERSITY, **DOCTORADO**, Elisavet Kiaitsi **Reino Unido** ,
- 20/12/2012 ; **Storage of potatoes: effect of ethylene and 1-MCP on potato tuber quality and biochemistry**, CRANFIELD UNIVERSITY, **DOCTORADO**, Sofia Georgiou Foukaraki **Reino Unido** ,
- 29/06/2012 ; **Effects of using a novel palladium-promoted ethylene scavenger (e+ Ethylene Remover) on shelf-life of strawberries, pears and avocados**, CRANFIELD UNIVERSITY, **MAESTRIA**, Juan Alberto Garcia Cas **Reino Unido** ,
- 29/06/2012 ; **Effects of using a novel palladium-promoted ethylene scavenger (e+ Ethylene Remover) on ripening in climacteric fruit**, CRANFIELD UNIVERSITY, **MAESTRIA**, Emma Rebecca Collings **Reino Unido** ,
- 10/02/2011 ; **Postharvest biochemical and physiological characterisation of imported avocado fruit**, CRANFIELD UNIVERSITY, **DOCTORADO**, Manuela Donetti **Reino Unido** ,

INVESTIGACION CIENTIFICA Y TECNOLOGICA

ESTANCIAS DE INVESTIGACION

- 11/2010 -
10/2014 ; **CRANFIELD UNIVERSITY**, ENTIDADES EXTERNAS , **PLANT METABOLOMICS**, Reino Unido
- 02/2006 -
02/2009 ; **UNIVERSITY OF LEEDS**, ENTIDADES EXTERNAS , **PLANT CELL WALL**, Reino Unido
- 07/2005 -
12/2005 ; **INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) - CENTRE DE CLERMONT-FERRAND-THEIX**, ENTIDADES EXTERNAS , **PLANT CELL WALL**, Francia

PROYECTOS DE INVESTIGACIÓN

- 06/2013 - **Proyecto de Consultoria** , IDENTIFICATION AND QUANTIFICATION OF PHENOLIC COMPOUNDS IN
12/2013 ; **FOXTAIL MILLET**, UNILEVER R&D COLWORTH
Investigadores Participantes : LEON A. TERRY , JOSE JUAN ORDAZ ORTIZ
- 01/2013 - **Proyecto de Consultoria** , ANALYSIS OF FLAVONOID AGLYCONES AND GLUCOSIDES FROM MEALS
10/2013 ; **PREPARATIONS**, UNILEVER R&D COLWORTH
Investigadores Participantes : LEON A. TERRY , KATHERINE COOLS , JOSE JUAN ORDAZ ORTIZ
- 06/2012 - **Proyecto de Consultoria** , MEASUREMENT OF LACHRYMATORY FACTOR OF ONION BULBS BY
11/2012 ; **THERMAL DESORPTION GAS CHROMATOGRAPHY TIME OF FLIGHT MASS SPECTROMETRY**,
Empresas Participantes : MONSANTO EUROPE (CONFIDENTIAL)
Investigadores Participantes : LEON A. TERRY , JOSE JUAN ORDAZ ORTIZ
- 02/2012 - **Proyecto de Consultoria** , OXIDATIVE POLYMERIZATION OF FIVE FLAVONOIDS, UNILEVER R&D
07/2012 ; **COLWORTH**
Investigadores Participantes : LEON A. TERRY , JOSE JUAN ORDAZ ORTIZ , MARIA DEL CARMEN ALAMAR GAVIDIA

;APOYOS CONACYT

- 10/2000 -
03/2005 ; **37099**, Formación Académica , **BECA**