

CENTRO ANDALUZ DE BIOLOGÍA DEL DESARROLLO (CABD)

- N.º de proyectos internacionales vigentes: 2
- N.º de proyectos nacionales vigentes: 7
- N.º de publicaciones internacionales: 39
- N.º de publicaciones nacionales: 2
- N.º de tesis doctorales defendidas: 8

Conferencias impartidas en el CABD

- January 11.th. Dr. Vanesa Rawe. "Dynamics of proteasomes in human gametes, zygotes and early embryos: implications during fertilization". Centro de Estudios en Ginecología y Reproducción (CEGyR). Laboratorio de Biología, Investigación y Estudios Especiales (LABINEE). Buenos Aires, Argentina.
- January 18.th. Dr. Marco Milán. "Notch, wingless & growth in the drosophila wing". IRB-PCB. Barcelona.
- January 25.th. Dr. Pedro A. Lazo. "VRK: new P53 regulatory kinases and their implication in tumor biology". Instituto de Biología Molecular y Celular del Cáncer. Centro de Investigación del Cáncer. CSIC-Universidad de Salamanca.
- February 7.th. Dr. David Shafritz. "Cell competition and liver repopulation: role of host liver age in repopulation by transplanted fetal liver stem/progenitor cells". Marion Bessin Liver Research Center, Albert Einstein College of Medicine. NY, USA.
- February 8.th. Dr. Luis Angel Fernández. "Novel systems for the expression and selection of recombinant antibodies in escherichia coli: in vitro and in vivo applications". Departament of Microbial Biotechnology, Centro Nacional de Biotecnología-CSIC. Campus UAM. Cantoblanco, Madrid.
- February 22.nd. Dr. José López-Barneo. "Neurogenic niche in the carotid body and its applicability in cell therapy for Parkinson's disease". Instituto de Biomedicina de Sevilla (IBiS). Hospital Universitario Virgen del Rocío, CSIC, Universidad de Sevilla.
- March 7.th. Dr. Valter Longo. "From yeast to humans: turning anti-aging genes against cancer". University South California.

- March 28.th. Dr. Paolo Bernardi. "Toward a mitochondrial therapy of collagen VI muscular dystrophies". Department of Biomedical Sciences. University of Padova, Italy.
- March 28.th. Dr. Marie-Anne Felix. "C. Elegans in an evolutionary context: natural populations and vulva development variations". Institut Jacques Monod. Paris, France.
- April 7.th. Dr. María A. Blasco. "From telomere chromatin to stem cell biology". CNIO. Madrid.
- April 7.th.
Dr. Manuel Serrano. "Tumor suppressors in cancer and aging". CNIO. Madrid.
Dr. Enrique Martínez-Pérez. "Pairing and segregation of homologous chromosomes during C. Elegans meiosis". Dept. of Molecular Biology and Biotechnology, University of Sheffield, UK.
- May 15.th. Dr. Fátima Gebauer. "Sex and translation: regulation of X chromosome dosage compensation in Drosophila". Center for Genomic Regulation (CRG), Gene Regulation Program, Barcelona.
- May 16.th. Dr. Juan José Infante. "The Biotech companies in the roadmap towards a bio-based economy. Business model and activities of Bionaturis". R&D Director, BIONATURIS.
- May 21.st. Dr. Juliane Winkelmann. "Genetics of Restless Legs Syndrome". Institute of Human Genetics, GSF National Research Center of Environment and Health, D-85764 Neuherberg, Munich, Germany.
- June 6.th. Dr. Katja Röper. "Pickled eggs: a conserved cytoskeletal protein important for Drosophila oogenesis". Department of Physiology, Development and Neuroscience. University of Cambridge, UK.
- June 13.th. Dr. Veit Goder. "A yeast endoplasmic reticulum membrane protein complex suggests a connection between the luminal and the cytosolic redox-systems". Department of Cell Biology - Harvard Medical School, USA.
- July 9.th. Dr. Scott Dougan. "Patterning dynamic tissues in vertebrate embryos: A new role for extra-embryonic signals". Department of Cellular Biology. The University of Georgia, Paul D. Coverdell, Center for Biomedical Research. Athens, GA, USA.
- September 12.th. Dr. Federica Bertocchini. "Inhibition-induction interplay during embryogenesis: Axis formation in chick embryo development". Dept. of Anatomy and Developmental Biology. University College London, London, UK.
- October 24.th. Dr. Fernando Martín-Belmonte. "Molecular characterization of epithelial morphogenesis using in vitro 3D models". Centro de Biología Molecular Severo-Ochoa, CSIC-Universidad Autónoma de Madrid.

- November 7.th. Dr. Gabriele Amore. "Toward a more integrated view of regulation of gene expression". Stazione Zoologica Napoli, Italy.
- December 12.th. Dr. Raquel Seruca. "Hereditary diffuse gastric cancer as a model to unravel E-cadherin mediated signalling pathways". IPATIMUP (Institute of Molecular Pathology and Immunology of the University of Porto). Oporto, Portugal.
- December 17.th. Prof. Roger Patient. "On the origins and development of blood and cardiac adult stem cells". Weatherall Institute of Molecular Medicine. University of Oxford; John Radcliffe Hospital. Headington, Oxford, UK.

Cursos y Conferencias organizados por el CABD

Título: GABBA (Graduate Program in Areas of Basic and Applied Biology). Curso de Doctorado
Universidade do Porto, Portugal

Fecha de celebración: junio de 2008

Coordinadores del CABD: Dr. Fernando Casares y Dr. José Luis Gómez-Skarmeta

Fuentes de financiación: programa GABBA portugués

Título: European C. Elegans Meeting

Universidad Pablo de Olavide en Carmona, Sevilla

Fecha de celebración: marzo-abril de 2008

Coordinadores del CABD: Dr. Juan Carlos Rodríguez Aguilera

Fuentes de financiación: Universidad Pablo de Olavide

Título: First Internacional CABD Course on Developmental Biology and Functional Genomics

Fecha de celebración: junio de 2008

Coordinadores del CABD: Dr. Fernando Casares y Dr. José Luis Gómez-Skarmeta

Fuentes de financiación: CABD, Cells into Organs, EMBO, Genoma España, Universidad Pablo de Olavide, Promega

Título: Joint Meeting of the British and Spanish Developmental Biology Societies

Fecha de celebración: septiembre de 2008

Coordinadores del CABD: Dr. James Castelli-Gair Hombria y Dr. Acaimo González Reyes

Fuentes de financiación: ME y C, Universidad Pablo de Olavide, CSIC, EMBO, AstraZeneca, Leica, Genoma España

Presupuesto CABD 2008

CONCEPTO	CSIC	J.A.	UPO
Contratos con cargo a cap. 6			
1 Técnico superior de laboratorio		34.554,77	
4 Técnicos de laboratorio		86.850,99	
1 Técnico responsable animalario		25.395,75	
2 Auxiliares apoyo a la Admón.		43.430,17	
1 Técnico apoyo al Centro mant.		32.801,99	
1 Técnico aux. apoyo al Centro mant.		21.712,75	
Total Personal		244.746,42	
Cap- 6 Inversiones			
Mobiliario oficina, laboratorio e informático		9.878,04	
Equipamiento científico-inversiones	38.000,00	20.000,00	3.618,97
Total Inversiones	38.000,00	29.878,04	3.618,97
Cap 2 Gastos corrientes			
212 Edificio y otras construcciones		9.997,44	
Mantenimiento, reparaciones	20.580,00		19.900,45
213 Maquinaria, instalaciones, utillaje, a/ac.			16.186,59
216 Reparaciones equipos cient- inform	19.571,50		9.750,00
Total Artículo 21	40.151,50	9.997,44	45.837,04
22000 Ordinario no inventariable	1.750,00	4.633,00	-
22001 Otras suscripciones	6.000,00		
22002 Mat.aux. informático	2.966,83		
22500 Tasas, cánones			
22100 Energía eléctrica			155.309,10
22101 Agua		1.711,07	4.736,07
22199 Otros suministros			

CONCEPTO	CSIC	J.A.	UPO
Gas propano			37.166,18
Animalario		6.618,86	-
Fungible de servicios generales	58.652,24		
Gastos menores		12.579,23	1.232,52
22200 Comunicaciones telefónicas			6.838,16
22700 Servicio de limpieza	118.334,34		
22701 Servicio de seguridad			38.806,26
22706 Estudios y trabajos técnicos			1.915,02
22601 Atenciones protocolarias			1.650,00
22606 Reuniones, conferencias, cursos			6.621,00
Total Artículo 22	187.703,41	25.542,16	254.274,31
230 Dietas			2.589,20
231 Locomoción			3.844,54
Total artículo 23			6.433,74
Total cap 6 y cap 2	265.854,91	310.164,06	310.164,06
TOTAL PRESUPUESTO CABD AÑO 2008			886.183,03

Listado de Publicaciones más relevantes 2008

Instituto	Tipo	Codigo ISI	Autores	Título	Revista	Ano publicacion	Volumen	Paginalnicial/Nu mero articulo	Paginas
CABD	ARTICLE	ISI:000263217900002	Fidalgo, Manuel; Barrales, Ramon R.; Jimenez, Juan	Coding repeat instability in the FLO11 gene of Saccharomyces yeasts	YEAST	2008	25	879	11
CABD	ARTICLE	ISI:000262302100011	Cobrerros, Laura; Fernandez-Minan, Ana; Luque, Carlos M.; Gonzalez-Reyes, Acaimo; Martin-Bermudo, Maria D.	A role for the chaperone Hsp70 in the regulation of border cell migration in the Drosophila ovary	MECHANISMS OF DEVELOPMENT	2008	125	1048	11
CABD	ARTICLE	ISI:000262030600023	Balestra, Fernando R.; Jimenez, Juan	A G(2)-Phase Microtubule-Damage Response in Fission Yeast	GENETICS	2008	180	2073	8
CABD	ARTICLE	ISI:000260591800012	Fernandez-Minan, Ana; Cobrerros, Laura; Gonzalez-Reyes, Acaimo; Martin-Bermudo, Maria D.	Integrins contribute to the establishment and maintenance of cell polarity in the follicular epithelium of the Drosophila ovary	INTERNATIONAL JOURNAL OF DEVELOPMENTAL BIOLOGY	2008	52	925	8
CABD	ARTICLE	ISI:000260586800013	Luisa Rivas, Maria; Cobrerros, Laura; Zeidler, Martin P.; Hombria, James Castelli-Gair	Plasticity of Drosophila Stat DNA binding shows an evolutionary basis for Stat transcription factor preferences	EMBO REPORTS	2008	9	1114	7
CABD	ARTICLE	ISI:000259997000005	Ortiz, Trinidad; Burguillos, Miguel Angel; Lopez-Lluch, Guillermo; Navas, Placido; Herrador, Miguel; Gonzalez, Isabel; Pinero, Joaquin	Enhanced induction of apoptosis in a radio-resistant bladder tumor cell line by combined treatments with X-rays and wortmannin	RADIATION AND ENVIRONMENTAL BIOPHYSICS	2008	47	445	8
CABD	ARTICLE	ISI:000259927600006	Bras-Pereira, Catarina; Casares, Fernando	An antennal-specific role for bowl in repressing supernumerary appendage development in Drosophila	MECHANISMS OF DEVELOPMENT	2008	125	809	13
CABD	ARTICLE	ISI:000258989400004	Alarcon, Pilar; Rodriguez-Seguel, Elisa; Fernandez-Gonzalez, Ana; Rubio, Ruth; Gomez-Skarmeta, Jose Luis	A dual requirement for Iroquois genes during Xenopus kidney development	DEVELOPMENT	2008	135	3197	11
CABD	ARTICLE	ISI:000258488200010	Cammareri, Maria; Consiglio, Maria Federica; Pecchia, Paola; Corea, Gabriella; Lanzotti, Virginia; Ibeas, Jos Ignacio; Tava, Aldo; Conicella, Clara	Molecular characterization of beta-amyrin synthase from Aster sedifolius L. and triterpenoid saponin analysis	PLANT SCIENCE	2008	175	255	7
CABD	ARTICLE	ISI:000258580000017	Nakamura, Noriko; Miranda-Vizuete, Antonio; Miki, Kiyoshi; Mori, Chisato; Eddy, Edward M.	Cleavage of disulfide bonds in mouse spermatogenic cell-specific type 1 hexokinase isozyme is associated with increased hexokinase activity and initiation of sperm motility	BIOLOGY OF REPRODUCTION	2008	79	537	9
CABD	ARTICLE	ISI:000258262700008	Pearson, Kevin J.; Baur, Joseph A.; Lewis, Kaitlyn N.; Peshkin, Leonid; Price, Nathan L.; Labinskyy, Nazar; Swindell, William R.; Kamara, Davida; Minor, Robin K.; Perez, Evelyn; Jamieson, Hamish A.; Zhang, Yongqing; Dunn, Stephen R.; Sharma, Kumar; Pleshko, Nancy; Woollett, Laura A.; Csiszar, Anna; Ikeno, Yuji; Le Couteur, David; Elliott, Peter J.; Becker, Kevin G.; Navas, Placido; Ingram, Donald K.; Wolf, Norman S.; Ungvari, Zoltan; Sinclair, David A.; de Cabo, Rafael	Resveratrol delays age-related deterioration and mimics transcriptional aspects of dietary restriction without extending life span	CELL METABOLISM	2008	8	157	12
CABD	ARTICLE	ISI:000256961600010	Lu, Yuanyuan; Wang, Xin; Liu, Zhenxiang; Jin, Bin; Chu, Dake; Zhai, Huihong; Zhang, Faming; Li, Kai; Ren, Gui; Miranda-Vizuete, Antonio; Guo, Xuegang; Fan, Daiming	Identification and distribution of thioredoxin-like 2 as the antigen for the monoclonal antibody MC3 specific to colorectal cancer	PROTEOMICS	2008	8	2220	10
CABD	ARTICLE	ISI:000256470100004	Daga, Rafael R.; Nurse, Paul	Interphase microtubule bundles use global cell shape to guide spindle alignment in fission yeast	JOURNAL OF CELL SCIENCE	2008	121	1973	8
CABD	ARTICLE	ISI:000256442300003	Barbarroja, Nuria; Siendones, Emilio; Aristides Torres, Luis; Luque, M. Jose; Manuel Martinez, Julio; Dorado, Gabriel; Velasco, Francisco; Torres, Antonio; Lopez-Pedraza, Chary	MEK inhibition induces caspases activation, differentiation blockade and PML/RAR alpha degradation in acute promyelocytic leukaemia	BRITISH JOURNAL OF HAEMATOLOGY	2008	142	27	9
CABD	ARTICLE	ISI:000256352700027	Quinzii, Catarina M.; Lopez, Luis C.; Von-Moltke, Jakob; Naini, Ali; Krishna, Sindu; Schuelke, Markus; Salvati, Leonardo; Navas, Placido; DiMauro, Salvatore; Hirano, Michio	Respiratory chain dysfunction and oxidative stress correlate with severity of primary CoQ(10) deficiency	FASEB JOURNAL	2008	22	1874	12

Instituto	Tipo	Codigo ISI	Autores	Titulo	Revista	Ano publicacion	Volumen	Paginalnicial/ mero articulo	Paginas
CABD	ARTICLE	ISI:000256240100008	Montero, Raquel; Sanchez-Alcazar, Jose Antonio; Briones, Paz; Hernandez, Angeles Rodriguez; Cordero, Mario D.; Trevisson, Eva; Salvati, Leonardo; Pineda, Merce; Garcia-Cazorla, Angels; Navas, Placido; Artuch, Rafael	Analysis of Coenzyme Q(10) in muscle and fibroblasts for the diagnosis of CoQ(10) deficiency syndromes	CLINICAL BIOCHEMISTRY	2008	41	697	4
CABD	ARTICLE	ISI:000255180000032	Sotillos, Sol; Diaz-Meco, M. Teresa; Moscat, Jorge; Hombria, James Castelli-Gair	Polarized subcellular localization of JAK/STAT components is required for efficient signaling	CURRENT BIOLOGY	2008	18	624	6
CABD	ARTICLE	ISI:000254917500002	Iglesias, Marta; Luis Gomez-Skarmeta, Jose; Salo, Emili; Adell, Teresa	Silencing of Smed-beta catenin1 generates radial-like hypercephalized planarians	DEVELOPMENT	2008	135	1215	7
CABD	ARTICLE	ISI:000253469900016	Pearson, Kevin J.; Lewis, Kaitlyn N.; Price, Nathan L.; Chang, Joy W.; Perez, Evelyn; Victoria Cascajo, Maria; Tamashiro, Kellie L.; Poosala, Suresh; Csiszar, Anna; Ungvari, Zoltan; Kensler, Thomas W.; Yamamoto, Masayuki; Egan, Josephine M.; Longo, Dan L.; Ingram, Donald K.; Navas, Placido; de Cabo, Rafael	Nrf2 mediates cancer protection but not prolongevity induced by caloric restriction	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2008	105	2325	6
CABD	ARTICLE	ISI:000253018800002	Bessa, Jose; Tavares, Maria J.; Santos, Joana; Kikuta, Hiroshi; Laplante, Mary; Becker, Thomas S.; Gomez-Skarmeta, Jose Luis; Casares, Fernando	meis1 regulates cyclin D1 and c-myc expression, and controls the proliferation of the multipotent cells in the early developing zebrafish eye	DEVELOPMENT	2008	135	799	5
CABD	ARTICLE	ISI:000252742200012	Barrales, Ramon R.; Jimenez, Juan; Ibeas, Jose I.	Identification of novel activation mechanisms for FLO11 regulation in Saccharomyces cerevisiae	GENETICS	2008	178	145	12
CABD	ARTICLE	ISI:000252388400014	Dekel, B.; Metsuyanin, S.; Garcia, A. M.; Quintero, C.; Sanchez, M. J.; Izraeli, S.	Organ-injury-induced reactivation of hemangioblastic precursor cells	LEUKEMIA	2008	22	103	11
CABD	ARTICLE	ISI:000252254900013	Lopez-Onieva, Lourdes; Fernandez-Minan, Ana; Gonzalez-Reyes, Acaimo	Jak/Stat signalling in niche support cells regulates dpp transcription to control germline stem cell maintenance in the Drosophila ovary	DEVELOPMENT	2008	135	533	8
CABD	ARTICLE	ISI:000252080400038	Hervas, Ana B.; Canosa, Ines; Santero, Eduardo	Transcriptome analysis of Pseudomonas putida in response to nitrogen availability	JOURNAL OF BACTERIOLOGY	2008	190	416	5
CABD	REVIEW	ISI:000262670400008	Hombria, James Castelli-Gair; Sotillos, Sol	Disclosing JAK/STAT links to cell adhesion and cell polarity	SEMINARS IN CELL & DEVELOPMENTAL BIOLOGY	2008	19	370	9
CABD	REVIEW	ISI:000259997700005	Fontan-Lozano, Angela; Lopez-Lluch, Guillermo; Maria Delgado-Garcia, Jose; Navas, Placido; Manuel Carrion, Angel	Molecular Bases of Caloric Restriction Regulation of Neuronal Synaptic Plasticity	MOLECULAR NEUROBIOLOGY	2008	38	167	11
CABD	REVIEW	ISI:000259438400002	Lopez-Lluch, Guillermo; Irueta, Pablo M.; Navas, Placido; de Cabo, Rafael	Mitochondrial biogenesis and healthy aging	EXPERIMENTAL GERONTOLOGY	2008	43	813	7
CABD	ARTICLE	NC	Hernández A.; López Lluch G.; Bernal J.A.; Navas P.; Pintor Toro J.A.	Dicoumarol down-regulates human PTTG1/SEGURIN MRNA Expression through inhibition of HSP90	MOLECULAR CANCER THERAPEUTICS	2008	7	474	9
CABD	ARTICLE	NC	Pascal Dammeyer, Anastasios Damdimopoulos, Tomas Nordman, Alberto Jiménez, Antonio Miranda-Vizuete, Elias S.J. Arner	Induction of cell membrana protusions by the N-Terminal glutaredoxin domain of a rare splice variant of human thioredoxin reductase-1	THE JOURNAL OF BIOLOGICAL CHEMISTRY	2008	283	2814	8
CABD	REVIEW	NC	Callejo A.; Culi J.; Guerrero I.	Patched, the receptor of Hedgehog, is a lipoprotein receptor	PNAS	2008	105	916	6
CABD	ARTICLE	NC	Casarin A.; Jimenez J.C.; Trevisson E.; Pertegato V.; Doimo M.; Ferrero M.L.; Abbadi S.; Artruch R.; Quinzi C.; Hirano M.; Basso G.; Santos C.; Navas P.; Salvati L.	Enhanced induction of apoptosis in a radio-resistant bladder tumor cell line by combined treatments with x-rays and worthmanin	RADIATION AND ENVIRONMENTAL BIOPHYSICS	2008	47	445	8
CABD	REVIEW	NC	E. Alonso; B. Pernaute; M. Crespo; J.L. Gómez-Skarmeta and M. Manzanares	Understanding the regulatory genome	INT. J. DEVELOPMENT BIOLOGY	2008	NC	0	EN PRENSA