

PhD theses defended in the PhD Programme in Biomedicine during the 2014-2015 academic year.

	STUDENT	INSTITUTION	SUPERVISOR	THESIS TITLE
14-15	Aivio, Suvi	IRB	Stracker, Travis	The Role of EXD2 in the Maintenance of Mitochondrial Homeostasis.
14-15	Alberdi Ibarzabal, Maria	UPF	Aramburu, José / López, Cristina	Regulation of T cell fates by the transcription factor NFAT5 in different microenvironments.
14-15	Antolin Hernandez, Albert	UPF	Mestres, Jordi	The Impact of Polypharmacology on Chemical Biology.
14-15	Balsiger, Alexander	IMIM	Gil Gómez, Gabriel	The role of Cyclin O in ER stress signalling
14-15	Barbaglia, Maria Gabriela	UPF	Alonso, Jordi	Common mental disorders: Evaluating their impact on disability and the role of socioeconomic factors.
14-15	Barra Quaglia, Carolina	IMIM	Cerutti, Andrea	Sinusoid-lining cells are novel myeloid-endothelial innate cells that form splenic niches for marginal zone B cell activation and plasma cell survival
14-15	Barrionuevo Rosas, Leslie	UPF	Borrell, Carme	Desigualdades sociales en salud y el cribado de cáncer de cuello uterino y de mama en el Perú.
14-15	Basora Marimon, Anna	UPF-TIC	SEBASTIAN GALLES, Núria / Burgaleta, Miguel	Exploring the role of genetics and environment on the neural substrates of word and rule learning
14-15	Bonet Martinez, Jaume	UPF	Oliva, Baldo	Exploiting Protein Fragments in Protein Modelling and Function Prediction
14-15	Bosch Morató, Mònica	UPF	Muñoz López, Paco	The role of intracellular amyloid β -peptide in the pathophysiology of GNE myopathy and Alzheimer's disease.
14-15	Branzi, Francesca Martina	UPF-TIC	Costa, Albert	The mechanisms and the scope of bilingual language production.
14-15	Cirera Viñolas, Eva	ASPB	Pérez, Catherine	Evolució de les lesions en la gent gran. Espanya 2000-2010
14-15	Colell, Esther	UPF-ASPB	García Benavides, Fernando / Domingo Salvany, Antònia	Trends in drug use in the Spanish population and the role of work-related stress
14-15	Conde Pueyo, Núria	UPF	Posas, Francesc / Solé, Ricard	Biological Computation in Yeast
14-15	Cornes Maragliano, Eric	IDIBELL	Cerón, Julián / Dupuy, Denis	A functional study of the conserved LSM proteins in <i>C. elegans</i> reveals their involvement in the stress response of metazoans.

14-15	Cutando Ruiz, Laura	UPF	Maldonado, Rafael / Ozaita, Andrés	Role of the endocannabinoid system in the control of cerebellar functions.
14-15	Czerniak, Natalia	CRG	Solon, Jerome	Head involution in <i>Drosophila melanogaster</i> . On the role of supracellular actomyosin structures in tissue bending, spreading and positioning.
14-15	Di Giacomo, Valeria	CRG	Keyes, William	Investigating a role for p63 in prostate stem cells, cancer and metastasis
14-15	Diaz Blanco, Noelia	CSIC	Piferrer, Francesc	Effect of environmental factors on the gonadal transcriptome of European sea bass (<i>Dicentrarchus labrax</i>), juvenile growth and sex ratios.
14-15	Nashwa Ahmed Ali Mohammed El Shaer	IBE	Piulachs, Maria Dolors	Molecular keys in structural evolution of insect ovaries
14-15	Ertl, Iris	CRG	Cerón Madrigal, Julián	Functional interplay of two SWI/SNF chromatin remodeling accessory subunits during <i>C. elegans</i> development.
14-15	Fornes Crespo, Oriol	UPF	Oliva, Baldo	On the characterization of protein-DNA interactions using statistical potentials and protein-protein interactions
14-15	Gallego, Ana	UPF	Moyano, Elisabeth / Bonfill, Mercedes	<i>Corylus avellana</i> : a new biotechnological source of anticancer agents.
14-15	Garcia Garcia, Javier	UPF	Oliva, Baldo	Protein-protein interaction network: management of databases and its applications on the computational study of protein-protein interactions.
14-15	Garcia Subirats, Irene	ASPB	Vazquez, Maria Luisa / Borrell, Carme	Acceso a la atención en los sistemas de salud de Colombia y Brasil. Un análisis de las barreras, los factores determinantes y la equidad en el acceso.
14-15	Gentile, Maurizio	IMIM	Cerutti, Andrea	Role of mTOR in the Activation of Marginal Zone B Cells by TACI
14-15	Gimeno-Santos, Elena	UPF	Garcia-Aymerich, Judith / Puhan, Milo A.	Physical activity as a crucial Patient-Reported Outcome in Chronic Obstructive Pulmonary Disease
14-15	Grippa, Alexandra	CRG	Carvalho, Pedro	Control of lipid droplets biogenesis by the seipin complex in budding yeast.
14-15	Guisasola, Laura	UPF	Serra, Consol / Tresserras, Ricard	Distribució de l'Impediment Visual a la població adulta de Catalunya
14-15	Hernando Herráez, Irene	UPF	Marquès Bonet, Tomàs	Evolutionary insights into human DNA methylation.
14-15	Hoermann, Astrid	CRG	Jaeger, Johannes	A systems-level study of giant regulation in <i>Drosophila melanogaster</i>
14-15	Homs Raubert, Aïda	UPF	Pérez Jurado, Luis Alberto / Cuscó Martí, Ivon	Epigenetic alterations in autism spectrum disorders (ASD)
14-15	Jungfleisch, Jennifer	UPF	Díez, Juana	Unraveling novel functions of the cellular decapping activators Lsm1-7 and Dhh1 in translation control through viral studies

14-15	Klischies, Sabine	IRB	Lüders, Jens	The role of the γ TuRC subunit GCP8 in microtubule regulation and cytoskeleton organization.
14-15	Knezevic, Iva	UPF	Ayté, José	INO80 regulates the G1-to-S transcriptional wave through MBF.
14-15	Kremsky, Isaac Jacob	UPF	Eyras, Eduardo	Assessing the relationship between chromatin and splicing factors in alternative splicing.
14-15	Kubesch, Nadine Janet	CREAL	Nieuwenhuijsen, Mark	Health effects of traffic-related air pollution and physical activity. A real-world exposure experimental study.
14-15	Lesnicar-pucko, Gaja	CRG	Sharpe, James	Cellular mechanisms behind vertebrate limb outgrowth
14-15	López Valenzuela, Maria	UPF	Espinosa Parrilla, Yolanda	Functional and evolutionary implications of single nucleotide substitutions in human microRNAs across primates
14-15	Loubat Casanovas, Jordina	IMIM	Garcia de Herreros, Antonio / Francí, Clara	Paper de Snail1 eb el pàncrees adult
14-15	Luisi, Pierre	UPF	Bertranpetit, Jaume / Laayouni, Hafid	Positive selection in humans: from single genes to interaction maps.
14-15	Martí Solano, Maria	UPF	Pastor, Manuel / Selent, Jana	Ligand selectivity at GPCRs: from multi-target binding profiles to biased agonism
14-15	Morrison, Joanna	IDIBAP	Pons Vigués, Mariona	Policies, health plans and interventions to address social inequalities in health in Europe: a qualitative perspective.
14-15	Najas Sales, Sonia	CSIC	Arbonés, Mariona	ROLE OF DYRK1A IN THE DEVELOPMENT OF THE CEREBRAL CORTEX. IMPLICATION IN DOWN SYNDROME
14-15	Nogueira da Graça Baia, Diogo	UPF	López-Botet, Miguel / Muntasell, Aura	Role of the LILRB1 HLA class I-specific inhibitory receptor in the regulation of macrophage function
14-15	Papantoniou, Kyriaki	CREAL	Kogevinas, Manolis	Cancer risk and hormonal changes in night shift workers.
14-15	Paulo Mirasol, Esther	UPF	Hidalgo, Elena	Regulation of the stress-dependent gene expression program by the MAP kinase Sty1 and the transcription factor Atf1
14-15	Pecoraro, Matteo	CRG	Keyes, William	The role of p63 and the chromatin remodeler Lsh in senescence, tumor development and lymphangiogenesis
14-15	Pedone, Elisa	CRG	Cosma, Maria Pia	β -catenin fluctuates in mouse ESCs and is essential for Nanog-mediated reprogramming of somatic cells to pluripotency
14-15	Perales Puchalt, Jaime	UPF	Alonso, Jordi / Haro, Josep M ^a	Health and Ageing: Active Ageing in Older Adults and Health Related Quality of Life in People with Dementia.

14-15	Pluta, Radoslaw	IRB	Coll, Miquel / Boer, Roeland	Structural basis of conjugative DNA transfer mediated by MobM, a prototype of the major relaxase family of Staphylococcus aureus
14-15	Pohl, Andrew	CRG	Beato, Miguel	Nucleosome dynamics and analysis in breast cancer cells.
14-15	Popota, Foteini	IDIBAP	Domingo, Juan / Pavía, Javier	Comparative study of dedicated Monte Carlo simulation codes for the performance evaluation of small animal PET systems
14-15	Povolotskaya, Inna	CRG	Kondrashov, Fyodor	Context-dependent selection in molecular evolution.
14-15	Prado Martínez, Javier	UPF	Marquès Bonet, Tomàs	Great ape genomics: Diversity and evolution.
14-15	Pryszcz, Leszek	CRG	Gabalton, Toni	Comparative genomics to unravel virulence mechanisms in fungal human pathogens
14-15	Ramaiola, Ilaria	CSIC	Badimon, Lina / Padro, Teresa	THOMBUS COMPOSITION IN ACUTE CORONARY SYNDROME
14-15	Raspopovic, Jelena	CRG	Sharpe, James	Molecular basis for digit patterning in the vertebrate limb
14-15	Rein, Katrin	IRB	Stracker, Travis H.	The MRE11 complex and EXO1 collaborate to support mammalian development and the cellular responses to DNA damage.
14-15	Ricci, Maria Aurelia	CRG	Pia Cosma, Maria	Chromatin fibers are formed by heterogeneous groups of nucleosomes in vivo.
14-15	Ruggiano, Annamaria	CRG	Carvalho, Pedro	Control of endoplasmic reticulum homeostasis by Doa 10-dependent protein degradation.
14-15	Salas, Lucas Andrés	CREAL	Villanueva Belmonte, Cristina M	Water pollution, cancer and molecular mechanisms
14-15	Sanchez Osuna, Maria	UAB	Yuste Mateos, Victor José	Study of the intracellular mechanism implicated in the resistance to apoptotic cell death in glioblastoma multiforme
14-15	Sanchez Quinto, Federico Andres	IBE	Lalueza, Carles	Addressing Neandertal evolutionary genetics at three different resolution levels: admixture with modern humans, demography and social structure
14-15	Schembari, Anna	CREAL	Nieuwenhuijsen, Mark	Ambient Air Pollution and Birth Outcomes - Insights on Exposure Determinants and New Outcomes
14-15	Schroeder, Michael	UPF	López Bigas, Núria / Gonzalez Perez,	Analysis and visualization of multidimensional cancer genomics data.
14-15	Scrofani, Jacopo	CRG	Vernos, Isabelle	Mechanism of RanGTP dependent microtubule assembly during mitosis
14-15	Stanley, Nathaniel	UPF	De Fabritiis, Gianni	Understanding disordered and membrane protein recognition by molecular dynamics
14-15	Storer, Mekayla	CRG	Keyes, William	Investigating the Roles of Cellular Senescence in Embryogenesis and Aging.

14-15	Suades Soler, Rosa	CSIC	Badimon Maestro, Lina / Padró Capmany, Teresa	Role of microparticles in atherothrombosis
14-15	Toufighi, Kiana	CRG	Lehner, Ben	Integrative study of gene expression and protein complexes
14-15	Vieitez Manrique, Cristina	UPF	Posas, Francesc / de Nadal, Eulàlia	The Role of Histone Modifications in Transcriptional Regulation upon Stress.
14-15	Vilahur Chiaraviglio, Nadia	UPF	SUNYER DEU, Jordi / Bustamante, Mariona	In utero exposure to xenoestrogens, associated health outcomes and epigenetic mechanisms in children.
14-15	Villarroel Williams, Nazmy Katherine	ASPB	Artazcoz, Lucia	Immigration and Health: Heterogeneous patterns in Spain.
14-15	Viñals Alvarez, Xavier	UPF	Robledo, Patricia / Maldonado, Rafael	Neurobiological substrates involved in the behavioural alterations induced by MDMA and THC administration in mice.

Recipients of a 2014-2015 PhD Extraordinary Award by the UPF Doctoral School