

Nom i Cognoms	Director(s) / Directora(es)	Títol de la Tesi	Data de Lectura
Núria Puigmal Domínguez	Víctor Ramos Pérez	<i>Skin-targeting platforms based on poly (6-amino ester)s for local immunotherapy</i>	15/07/2021
María Cristina García Bonillo	Salvador Borrós Gómez	<i>Nanostructured silver-based bacteriophobic surfaces against catheter-associated urinary tract infections.</i>	11/06/2021
Pol Cabanach Xifró	Salvador Borrós Gómez i Abdón Pena Francesch	<i>Zwitterionic materials for biomedical applications</i>	25/05/2021
Germán Febas Bosomba	Salvador Borrós Gómez	<i>New sealing system as a surgical technique to avoid the iatrogenic preterm premature rupture of fetal membranes (iprom)</i>	14/05/2021
Mario López Moya	Víctor Ramos Pérez i Salvador Borrós Gómez	<i>Local delivery strategies for nitric oxide and gene therapy delivery</i>	15/01/2021
Laura Balcells Garcia	Salvador Borrós Gómez i Anna Cascante Cirera	<i>Multi-faced study for the development of enhanced transfection systems</i>	02/10/2020
Laia Grifoll Romero	Antoni Planas Sauter	<i>Chitin and peptidoglycan deacetylases: discovery, characterization and engineering</i>	29/09/2020
Nuria Orive Milla	Magda Fajjes Simona i Antoni Planas Sauter	<i>Design of a new biological platform for the production of glycolipids</i>	28/09/2020
Alberto Ponce Arrones	Salvador Borrós Gómez i Víctor Ramos Pérez	<i>Design and elaboration of novel drug eluting stents to produce tailored releases aiming for the reduction of restenosis after implantation.</i>	17/07/2020
Alba Balmori Pastor	Salvador Borrós Gómez i David Sánchez Garcia	<i>Harnessing the interaction nanoparticle-protein for the design of smart carriers for drug delivery</i>	28/10/2019
Cristina Alsina Verdú	Antoni Planas Sauter	<i>Enginyeria de glicosintases derivades de quitinases gh18 per a la polimerització de quitooligosacàrids</i>	17/07/2019
Sara Bardaji Sierra	Salvador Borrós Gómez	<i>Development of resorbable bioceramic bone cements towards vertebroplasty application</i>	25/01/2019
Anna Mas Vinyals	Salvador Borrós Gómez	<i>New design proposal to mimic the joint structure between bone and hyaline cartilage</i>	14/12/2018
Pau Brugada Vilà	Salvador Borrós Gómez i Anna Cascante Cirera	<i>Boosting intravenous administration of therapeutic viral vectors using an oligopeptide-modified poly(β-aminoester)s-based coating technology</i>	20/11/2018
Estela Castilla Ypas	Antoni Planas Sauter i M ^a Teresa Pellicer Moya	<i>Biotechnological production of galactosides of pharmaceutical interest: enzyme screening, engineering and application.</i>	09/03/2018
Hugo Aragunde Pazos	Antoni Planas Sauter	<i>Ingeniería enzimática de quitina desacetilasas y glicosintasas como biocatalizadores: diseño racional de la especificidad y evolución dirigida</i>	29/09/2017
Pere Dosta Pons	Salvador Borrós Gómez i Víctor Ramos Perez	<i>Development of cell-specific rna1 delivery vectors based on poly(β-amino ester)s with therapeutic applications</i>	22/09/2017
Caterina Aloy Reverté	Carlos Eduardo Semino i Eduard Montanya Mias	<i>Development of biomimetic 3d platforms for the culture and redifferentiation of pancreatic beta cells</i>	18/09/2017
Joan Gilibert Porras	Salvador Borrós Gómez i Víctor Ramos Pérez	<i>Development and customization of new 3d generation tracheal prosthesis with different biological activities regarding to their functional side</i>	07/04/2017
Blanca Leticia Fernández Carballo	Salvador Borrós Gómez i Alexis F Sauer-Budge	<i>Low-cost point-of-care diagnostic devices for low resource settings</i>	07/03/2017
Sergi Abad Sánchez	Xavier Turon Casalprim i Antoni Planas Sauter	<i>Biotechnological production of polyunsaturated fatty acids omega-3 by heterotrophic microalgae</i>	15/02/2017
Lourdes Recha Sancho	Carlos Eduardo Semino Margrett	<i>Development of biomaterial self-assembling based platforms to obtain human cartilage tissue in vitro</i>	20/09/2016
Javier Romero García	Xevi Biarnés Fontal i Antoni Planas Sauter	<i>Relaciones secuencia-estructura-función en glicosiltransferasas con plegamiento gta: una aproximación bioinformática.</i>	29/07/2016
Cristina Val Cid	Magda Fajjes Simona i Antoni Planas Sauter	<i>Structural-functional analysis of lacto-n-biosidase from bifidobacterium bifidum: a potential biocatalyst for the production of human milk oligosaccharides</i>	08/07/2016
Sejin Oh	Salvador Borrós Gómez	<i>Development of mucus permeating nanoparticles-based drug delivery systems</i>	03/03/2016
Oscar Emilio Estrada Leypón	Salvador Borrós Gómez	<i>Micro-nano-bio systems for on-line monitoring of in vitro biofilm responses</i>	20/07/2015
M ^a Victoria Codera Pastor	Antoni Planas Sauter i Magda Fajjes Simona	<i>Glycosynthase technology for enzymatic synthesis of functionalized artificial polysaccharides as new biomaterials.</i>	17/07/2015
Marta Vila Rico	Antoni Planas Sauter i Francesc Canals Surís	<i>Transthyretin familial amyloid polyneuropathy: novel therapeutics derived from drug repurposing and new insights in diagnosis through proteomic analysis of clinical samples</i>	10/07/2015

Pilar Puig Sàrries	Bernat Crosas Navarro	<i>Structure-function study on rpn10 monoubiquitination</i>	18/06/2015
Maria Sánchez Purrà	Salvador Borrós Gómez i Víctor Ramos Pérez	<i>Development of novel vesicle-like nanocarriers for targeted drug delivery</i>	27/03/2015
Cristina Castells Sala	Carlos E. Semino Margrett	<i>Development of bioactive implant platforms to assist cardiac tissue repair after myocardial infarction</i>	24/03/2015
Primiano Pio Di Mauro	Salvador Borrós Gómez	<i>Development of novel and multifunctional polymeric nanoparticles for brain targeted drug delivery</i>	15/01/2015
Mireia Alemany Ribes	Carlos E. Semino Margrett	<i>Development of 3d cancer models to obtain mechanistic insights into disease progression</i>	11/12/2014
Nathaly Verónica Segovia Ramos	Víctor Ramos Pérez i Salvador Borrós Gómez	<i>Synthesis of novel poly(β-aminoesters) (pbaes) as innovative non-viral vectors for efficient nucleic acid delivery</i>	24/10/2014
Marta Anna Marszalek	Maria Teresa Pellicer Moya i Antoni Planas Sauter	<i>The dosr2 two-component system of mycobacterium tuberculosis: characterizing the activation mechanism of dosr response regulator as a potential target for novel antimycobacterial drugs</i>	23/07/2014
Anna Cuadrench Tripiàna	Montserrat Agut Bonsfills i Lluís Comellas	<i>Anàlisi i avaluació de l'exposició a les aflatoxines i a l'ocratoxina a, a partir de compost</i>	15/07/2014
Maria Teresa Fernández Muiños	Carlos E. Semino Margrett	<i>Effect of the microenvironment in the in vitro chondrogenic and osteogenic differentiation of mouse embryonic fibroblasts</i>	25/04/2014
Verònica Puig Sanvicens	Carlos E. Semino Margrett i Nicole I. Zur Nieden	<i>Cardiomyogenic potentiality of somatic and stem cells when cultured in the three-dimensional peptide scaffold rad16-i</i>	14/01/2014
Dayté Dayana Rodríguez Martínez	Isabel Usón Finkenzeller	<i>Arcimboldo, a supercomputing method for crystallographic ab initio protein structure solution below atomic resolution</i>	17/12/2013
Anna Cifuentes Rius	Salvador Borrós Gómez	<i>Tailoring carbon nanotubes properties for gene delivery applications</i>	16/12/2013
Gracia Patricia López Chicón	Santiago Nonell Marrugat i Montserrat Agut Bonsfills	<i>Fotoinactivación de especies fúngicas patógenas mediante hipericina, tmpyp y nmb como agentes sensibilizantes fotodinámicos</i>	20/01/2013