

Año concurso	Código proyecto	Nombre proyecto	Duración (meses)	Investigador(a) Responsable
2017	1170017	Forecasting the impact of climate change in chilean drosophilids: physiological, ecological and evolutionary responses	48	Enrico Rezende Landaeta
2017	1170093	Role of heteromers formed by c-c chemokine receptor 9 and the dopamine receptor d5 in the gut-homing of cd4+ t-cells in inflammatory bowel diseases	36	Rodrigo Andrés Pacheco Rivera
2017	1170121	The vvvx survey of the milky way	48	Dante Minniti
2017	1170167	Predictive control for energy transformation with multilevel converters	48	Jose Ramón Rodríguez Pérez
2017	1170259	System-level analysis of arabidopsis thaliana –pseudomonas syringae interaction: dual assessment of the transcriptomic and metabolomic responses to unravel bacterial effects leading to resistance or susceptibility through the regulatory node wrky7/11/17	48	María Francisca Blanco Herrera
2017	1170480	Metal-organic 2d materials for clean energy conversion: first-principles calculations	48	Walter Orellana Muñoz
2017	1170733	Ligand and temperature activation in trpv1 channels: a thermodynamics and molecular simulations analysis	48	Fernando Danilo González Nilo
2017	1170765	Boundary dynamics in anti-de sitter gravity and gauge/gravity duality	48	Rodrigo Gonzalo Olea Aceituno
2017	1170871	Antioxidant chilean plants as possible gastroprotective agents	36	Beatriz Irene Sepúlveda Villalta
2017	1170878	Epigenetic silencing of the osteogenic master regulator runx2-p57 in pluripotent cells	48	Martín Alejandro Montecino Leonard
2017	1170881	Integral impact assessment of heavy metals and organic toxic compounds: effects on the development, growth, and ecosystem function of marine algae	36	Loretto Matilde Contreras Porcia
2017	1170887	Homo- and heterometallic coordination polymers. Structure and functionality	48	Verónica Paredes García
2017	1171056	Direct and indirect effects of artificial light pollution on a sandy beach arthropod guild	36	Cristian Hernán Duarte Valenzuela
2017	1171146	Lengua, traducción, pensamiento: hegel - freud - hamacher	36	Niklas Siegfried Bornhauser Neuber
2017	1171199	Role of embryonic origin in neutrophils subpopulation behavior during inflammation in zebrafish	36	Carmen Gloria Feijoo García
2017	1171307	Pathogen-induced immune-like response of fish skeletal muscle: stress-induced immunosuppression and growth impairment}	48	Alfredo Iván Molina Sirguiado
2017	1171318	Challenging the stress response paradigm in fish: role of cortisol membrane-initiated signaling in metabolic adaptations of skeletal muscle	36	Juan Antonio Valdés Muñoz
2017	1171397	Investigating the role of type ii toxin-antitoxin systems in clostridium difficile antibiotic tolerance and persistence in the host	48	Fernando Rafael Gil Michell
2017	1171417	An assessment of domestic cats and land use changes as drivers of pathogen pollution into rivers and the sea. Toxoplasma gondii as a model zoonotic pathogen and otters (lontra felina, lontra provocax) as indicator species of ecosystem health	36	Gonzalo Medina Vogel
2017	1171654	Role of the lipopolysaccharide core oligosaccharide structure on the lipopolysaccharide layer thermotropic phase behavior and its relation to the amp antimicrobial activity	36	Daniel Rodrigo Aguayo Villegas
2017	1171655	Salmonella persistence and the small non-coding rnas: new insights into their regulatory roles in gene expression	48	Iván Luis Calderón Lizana
2017	1171898	Prácticas de enseñanza de la escritura de los docentes de sexto grado de educación básica	36	Gerardo Bañales Faz
2016	1160060	Structure-based drug design of new tubulin binding agents with potential anticancer properties	48	Verónica Andrea Jiménez Curihual
2016	1160315	Identification and characterization of non-cognate partners of the salmonella typhimurium arcab two-component system in response to hydrogen peroxide and hypochlorous acid	48	Claudia Paz Saavedra Sánchez
2016	1160546	Constructing m/re (m = pd, pt, cu, ag, ru or ir) heterobimetallic complexes from the versatile fragment [(dimpz) re(co)3br]: choosing its luminescent properties according to the nature and geometry of their second metal	48	Andrés Igor Vega Carvallo
2016	1160584	Identification of biomarkers associated with mealiness in peach using mqtl and meqtl	48	Claudio Antonio Meneses Araya
2016	1160631	Ventilator induced lung injury: spatial correlation between regional strain, altered mechanotransduction and inflammation	36	Pablo Ilich Cruces Romero
2016	1160749	Potential uses of rhenium complexes as photosensitizers, bactericides or molecular probes: a photophysical and photochemical study	47	Nancy Alejandra Pizarro Urzua
2016	1160838	Maximizing the effectiveness of peer interaction on second language learning: a series of pedagogical interventions	24	Masatoshi Sato
2016	1160968	Estudio y edición crítica anotada de "la restauración de la imperial y conversión de las almas infieles" (h1693) de juan de barrenechea y albis	36	Stefanie Susana Massmann Wyneken
2016	1160975	On the structure of graphs with the same weighted graph polynomial and/or symmetric chromatic function	47	Jose Eduardo Aliste Prieto
2016	1160986	The role of the insula in anxiety and in anxiety-related disorders in the rat	47	Jimmy Ran Stehberg Liberman
2016	1161221	Thermodynamics formalism in dynamical systems and its interactions with statistical mechanics	48	Álvaro Daniel Coronel Soto
2016	1161288	Participation of trpm7 in the generation of endothelial dysfunction characteristics, enhanced inflammatory response, and multiple organ failure during endotoxemia	47	Felipe Alonso Simón Pino
2016	1161438	Systematically evaluation of the mechanistic synergism between mapk kinase inhibitor with clinically approved cytotoxic agents	36	Cristian Andrés Vilos Ortiz
2016	1161475	Fertility status and protoscolex production in hydatid cysts of echinococcus granulosus in ruminant is positive modulated by fasciola hepatica co-infection	35	Rodolfo Jose Paredes Esparza
2016	1161525	Gestational hypothyroxinemia increases the transmigration of immune cells into the central nervous system of the offspring implications on autoimmune disease susceptibility	35	Claudia Andrea Riedel Soria
2016	1161526	New heuristic search algorithms for large and dynamic domains	35	Carlos Marcelo Hernández Ulloa
2016	1161593	Investigating cross-species transmission of vector-borne pathogens among free-ranging dogs and wild foxes in chile	35	Javier Millan Gasca
2016	1161624	Antecedent social factors of moral behaviour: expectations, decisions and justificatory principles in social dilemmas	35	Mauricio Esteban Salgado Oyarce
2016	1161646	Mechanisms involved in the cachexia induced by chronic liver diseases	48	Claudio Alejandro Cabello Verrugio
2016	1161818	Tectonic evolution of middle jurassic to early cretaceous oceanic basins related to the drift of antarctic peninsula away from south america and generation of chilean ophiolitic complexes	48	Mauricio Roberto Calderón Nettle
2015	1150222	Computability and computational complexity in analysis, geometry and dynamical systems	48	Luis Cristóbal Rojas González
2015	1150274	Role of orexin and non-opioid dynorphin peptides in energy balance and individual susceptibility to obesity	48	Claudio Esteban Pérez Leighton
2015	1150334	Galaxy formation and chemical evolution	48	Patricia Beatriz Tissera
2015	1150492	Discovery of biomarker candidates linked to table grape berry firmness based on transcriptomic and metabolomic analyses	48	Reinaldo Campos Vargas
2015	1150629	Tuning the molecular antenna effect in organometallic complexes	48	Ramiro Arratia Pérez
2015	1150695	Identification and characterization of the iron uptake system in different chilean renibacterium salmoninarum isolates and its influence on pathogenesis and immunogenicity in atlantic salmon and rainbow trout	48	Rubén Esteban Avendaño Herrera
2015	1150704	Qm/mm study on the catalytic mechanism of glucansucrase from streptococcus mutans: a target enzyme for the molecular design of anti-caries agents	48	Gonzalo Alfredo Jaña Villalobos
2015	1150816	Regulation of e-cadherin expression by twist and snail during neural crest cell epithelial-to-mesenchymal transition	36	Ariel Eduardo Reyes Zambrano
2015	1150933	Adult neurogenesis, hippocampal plasticity and memory: regulation by wnt signaling	48	Lorena Patricia Varela Nallar
2015	1151025	Clostridium difficile spore-host interactions: dissecting the mechanism of c difficile spore-entry into intestinal epithelial cells and its role in persistent infections	48	Daniel Gonzalo Paredes Sabja
2015	1151107	The conformal symmetry and black holes and their relation with higher spin, conformal and massive gravity	48	Rodrigo Marcelo Aros
2015	1151255	The importance of sulfur and phosphate metabolism on the biosynthesis and properties of copper and lithium nanoparticles produced by bacteria	48	José Manuel Pérez Donoso
2015	1151335	The role of the udp-rhamnose transporters in the biosynthesis of rhamnogalacturonan -i ano -11 in arabidopsis thauana	48	Ariel Alejandro Orellana López
2015	1151393	Loss of key functions orives salmonella lyphi adaptive pathogenesis to humans	48	Guido Carlos Mora Longa
2015	1151409	String theory in ramond-ramond backgrounds and ads/cft	48	Brenno Caruni Vallilo
2015	1151503	Explicando el cambio partidario desde una sociología institucional y del entorno: el caso de estudio de las derechas chilenas	36	Stephanie Solange Evelyne
2014	1140296	Higher spin quantum gravity and strings	48	Per Anders Sundell Flood
2014	1140301	Role of psd95 in nmdar-mediated refinement of the neuronal structure and consolidation of fear memories	48	Brigitte Adriana Johanna Van Zundert Mathyssen
2014	1140335	Quantum gravitational collapse and observable effects of quantum gravity	48	Tomasz Henryk Pawłowski
2014	1140340	Reaction force constabt as an indicative of the degree of synchronicity/nonsynchronicity in reaction mechanisms: applications to onde-bond and multi-bond chemical reactions	48	Pablo Cesar Jaque Olmedo
2014	1140341	New insights from theoretically-defined electrophilicity and nucleophilicity descriptors within the context of density functional theory	48	Patricia Del Carmen Pérez López
2014	1140343	Understanding spin-polarization and charge-transfer processes within the spin-polarized density functional theory (sp-dft) framework	48	Eduardo Enrique Chamorro Jiménez
2014	1140352	Supernovae diversity as a tool to study stellar evolution	48	Giuliano Pignata
2014	1140353	Genome-wide transcription and transcription factor occupancy induced by wnt/b-catenin signaling in neuronal cells and selected brain regions affected in common neurological disorders	48	Giancarlo De Ferrari Valentini