



## CRP - ICGEB RESEARCH GRANTS AWARDED 1988-2022

COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
<b>ALGERIA</b>		
1992	BOUSSEBOUA Hacène	Microbial strains and enzymes degrading plant cell wall in the North African dromedarian ( <i>closed</i> )
2020	DJEBBAR Abla	Development and production of a diagnostic kit for the SARS-CoV-2 virus by RT-PCR
2022	TAREK Yousfi	New 4-substituted Pyrazolidine and Isoxazolidine as potential antimicrobial agents ( <i>funded by COMSTECH-ICGEB Scientific Cooperation Programme</i> )
<b>ARGENTINA</b>		
1988	LA TORRE Jose L.	Genetic and Antigenic relationships between human and animal rotaviruses. Production of antigens on high density cultures of animal cells
1988	CARRILLO Nestor	Regulation of gene expression during developmental processes in higher plants
1990	BARRANTES Francisco J.	Ionic channels in plant cells: Molecular basis for plant improvement in semi-arid regions
1991	LEVIN Mariano J.	Improvement of Chagas disease diagnosis and prognosis of cardiac involvement
1991	MORDOH Jose	Humanization of monoclonal antibodies for cancer treatment
1991	KORNBLIHTT Alberto R.	Regulation of the fibronectin gene transcription in liver
1992	ROSA Alberto	Molecular genetics of pyruvate decarboxylase in fungi
1992	ALGRANATI Israel	Role of polyamines in the control of parasite proliferation
1992	FLAWIÁ Mirtha	Characterization of an intestinal polypeptide from <i>Triatoma infestans</i> that activates <i>Trypanosoma cruzi</i> adenylyl cyclase and determines the differentiation of epimastigote to trypomastigote forms
1993	CHARREAU Eduardo H.	Molecular mechanisms of progestins induction of murine mammary cancer
1993	PASSERON Susana	Molecular basis of dimorphism in the pathogenic fungus <i>Candida albicans</i> the causative agent of Candidosis

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1994	SCODELLER Eduardo	Production of biodegradable-biocompatible microspheres and their use for induction of mucosal and humoral immunity against Human Papilloma Virus
1994	TÉLLEZ-IÑÓN Maria Teresa	Morphogenetic mechanisms involved in potato tuberization
1995	KORNBLIHTT Alberto	Mutation analysis of the fibronectin gene promoter: influence on transcription and mRNA splicing in liver
1996	FLAWIÁ Mirtha María	Signal transduction mechanisms in <i>Trypanosoma cruzi</i>
1997	IRIBARREN Adolfo Marcelo	Design, synthesis and applications of modified oligonucleotides and ribozymes
1998	DE PRAT GAY Gonzalo	Structure-function analysis of transcription and oncogenesis in human Papillomavirus
1999	ALGRANATI Israel David	Molecular Biology of polyamine metabolism in Trypanosomatids
1999	GARDIOL Daniela	Identification and characterization of the mechanism of HPV E6-mediated degradation of the tumour suppressor DLG protein
2000	DE MENDOZA Diego	Use of Lactic Acid Bacteria as an Antigen Delivery System for Immunisation against Rotavirus
2000	KORNBLIHTT Alberto R.	Coupling between Transcription and Alternative Splicing
2002	DE PRAT GAY Gonzalo	Structure-function analysis of the E7 oncoprotein from high risk human papillomavirus (HPV)
2004	FARÍAS Ricardo Norberto	Properties of NDH-2 as a Cu(II)-reductase involved in copper metabolism
2005	CERDÁN Pablo D.	Regulation of flowering time by environmental factors
2007	CASAL Jorge José	Functional genomics of plant responses to the light environment of crops
2008	AGUILAR O. Mario	Sustainable agriculture: molecular studies on the genetic basis of nodulation preference in common bean-Rhizobium coevolution
2009	MALCHIODI Emilio Luis	Molecular and structural basis of NK cell receptors interaction with viral molecules
2010	DE PRAT GAY Gonzalo	Human respiratory syncytial virus biochemistry: uncovering novel antiviral targets
2011	YANOVSKY Marcelo J.	Genetic and genomic analysis of the role of alternative splicing in the regulation of circadian rhythms and flowering time
2013	ZWIRNER Norberto W.	Recombinant chimeric MICA: A novel approach to reinstate tumour immunity

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2014	MANAVELLA Pablo Andrés	Molecular regulation of microRNAs biogenesis and action in plants
2015	MAGADÁN Javier Guillermo	Mechanistic analysis of Influenza A virus glycoprotein compensation
2016	ESTEVEZ José M.	Masters molecular regulators of polarized growth in plant cells
2017	PALATNIK Javier	Control of cellular programs by microRNAs in plants
2018	SOLER BISTUE Alfonso	Genomic reprogramming of bacterial growth ( <i>Early Career Return Grant</i> )
2019	PAGNUSSAT Gabriela C.	Ferroptosis-like cell death in plants
2021	ARIEL Federico Damian	Long noncoding RNAs as non-transgenic biotechnological tools for acclimatization of vegetable crops
2022	PETRILLO Ezequiel	Identifying alternative splicing isoforms from coding genes that can act as long non-coding RNAs
<b>BANGLADESH</b>		
2002	KHAN Haseena	The development of microsatellite markers for genetic analysis and marker-assisted selection of jute
2010	ISLAM S.M. Shahinul	Rapid production of transgenic doubled haploid (DHs) plants with <i>p68</i> and <i>PDH47</i> genes for drought and/or salinity stress tolerance using Bangladeshi rice cultivars
2011	ISLAM Mohammad Nurul	Development of tomato leaf curl disease resistant tomato lines using antiviral strategy
2013	HAQUE Ariful	Arsenic induced regulation of GADD45a pre mRNA alternative splicing ( <i>closed</i> )
2017	KHAN Haseena	Elucidation of taxol biosynthetic pathway in entophytic fungi <i>Grammothele lineata</i> - SDL-CO-2015-S1
2019	ALAM A.N.M. Iftekhar Alam	Engineering pro-vitamin A rich orange eggplant: Potential to reduce vitamin A deficiency in developing countries
2020	UDDIN Mohammad K. Mafij	Drug metabolic phenotype and pharmacogenomics of multi-drug resistant and drug susceptible tuberculosis patients
2021	ISLAM Tahmina	Development of low erucic acid containing oilseed <i>Brassica</i> varieties in Bangladesh through genome editing ( <i>Early Career Return Grant</i> )
<b>BOSNIA AND HERZEGOVINA</b>		
2010	POJSKIC Naris	TroutSNP chip based autochthonous populations detection characterisation and conservation
2014	BAJROVIC Kasim	Genetic and bioactivity characterisation of some endemic B&H Lamiaceae

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2015	SULJAGIC Mirza	Multi-targeting survival pathways in human leukemic cells by combinatorial therapy with metformin and thymoquinone
2018	SOLJIC Violeta	Understanding the incomplete extravillous trophoblast invasion in pregnancies complicated with severe and non-severe preeclampsia
<b>BRAZIL</b>		
1988	CARNEIRO Mauro	Nutritional improvement of root crops by engineering
1990	ARMELIN Mari C.S.	Oncogenes and anti-oncogenes in cell proliferation control
1991	DE OLIVEIRA Dulce	Identification of regulatory factors of plant defense responses
1991	MILANI TIGANO Myrian S.	RFLP analysis of enthomopathogenic fungi
1993	LOBO DE SOUZA Marlinda	Molecular Biology of Virus-Host Interactions for AgMNPV, an Important Biocontrol Agent for a Major Pest of Soybean ( <i>closed</i> )
1993	ARMELIN Mari Cleide	Oncogenes and anti-oncogenes in cell proliferation control
1995	GOLDMAN Gustavo Henrique	Drug resistance mechanisms in filamentous fungi
1995	TIGANO Myrian Silvana	Molecular marker methods to study taxonomy and ecology of <i>Paecilomyces</i> entomopathogenic species ( <i>closed</i> )
1995	SOGAYAR Mari Cleide	Expression of protein kinases CK1 and CK2 in normal and transformed cells
1997	BOROJEVIC Radovan	Adhesion molecules, extracellular matrix and growth factors: Interdependence of expression and function on the self-renewal capacity of mammalian cells
1998	ALMEIDA Fabio C.L.	Structure-function analysis of transcription and oncogenesis in human Papillomavirus
1999	SOGAYAR Mari Cleide	The interaction of specific viral oncogene products, tumor suppressor proteins and protein kinase CK2
2002	LIMA SILVA Jerson	Structural biology and dynamics of proteins and viruses
2003	GALLER Ricardo	Development of yellow fever 17D vaccine virus as an expression vector
2004	DE BIASO VIOLA João Paulo	Involvement of NFAT transcription factor in cell cycle regulation
2005	CUNHA-NETO Edecio	Identification of novel promiscuous CD4+ T cell epitopes from HIV-1: recognition by HIV-1 patients and assessment of immunogenicity with HLA-transgenic mice
2005	GROSSI DE SA Maria Fatima	Cotton transformation applied to insect resistance

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2006	PINHEIRO MARGIS Márcia Maria	Genomics strategies to determine the functional role of stress-related genes in rice ( <i>Oryza sativa</i> )
2007	F. OLIVEIRA Marcus	Hemozoin formation as a potential target for chemotherapy of Schistosomiasis
2008	BELIZÁRIO José Ernesto	Production of transgenic rabbits for hybridome-free generation of monoclonal antibodies
2008	LIMA André Oliveira de Souza	Bioprospection of lipolytic and cellulolytic deep-sea bacteria ( <i>cancelled</i> )
2009	DE BIASO VIOLA João Paulo	Molecular mechanisms of NFAT transcription factors in cells transformation and tumour development
2010	BARBOSA PELEGRINI Patrícia	Interaction studies of cadherin from <i>Helicoverpa zea</i> as a receptor for BT toxins Cry1Ac
2011	LENZ Guido	The role of autophagy in the <i>in vivo</i> growth and response to therapy in gliomas
2013	DE FREITAS REBELO Mauro	Development of genetically modified bacteria for heavy metal removal from industrial wastewaters
2014	PANEPUCCI Rodrigo Alexandre	Large-scale functional evaluation of microRNAs in pluripotency, self-renewal and differentiation of stem cells
2015	DA SILVA MOHANA- Ronaldo	Deciphering the role of NS1 protein in Dengue pathogenesis
2016	DE MEIRELLES SANTOS Renata	The role of PRC2 in controlling T exhaustion during HIV infection ( <i>Early Career Return Grant</i> )
2017	ABRÃO POSSIK Patricia	The role of Chk1 in MAPK inhibitors-resistant melanoma ( <i>Early Career Return Grant</i> )
2018	SEQUERRA Eduardo Bouth	Investigation on the origin of the morphological pattern generated in Zika virus-derived brain malformations ( <i>Early Career Return Grant</i> )
2019	PEREIRA LIMA TEIXEIRA Paulo José	Mining the soybean leaf microbiome for disease-suppressive microbes ( <i>Early Career Return Grant</i> )
2020	GIOVANETTI Marta	One Health International Network for SARS-CoV-2 real time genomic monitoring ( <i>funded by IILA</i> )
2021	BORONI Mariana	ZNF429: A potential critical regulatory transcription factor for pathways in cancer
<b>BULGARIA</b>		
1988	ATANASSOV Atanas	Tomato Spotted Wilt Virus (TSWV): Genome structure & development of resistant tobacco plants
1988	DUDOV Kalin P.	Development of new vectors for gene expression in mammalian cells
1990	KALAYDJIEVA Luborodna	Molecular basis of cystic fibrosis in Bulgaria

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1991	PASHEV Iliya	Protein-DNA interactions in cell nucleus: A study by UV-Laser crosslinking <i>in vivo</i>
1992	BATCHVAROVA Rossitza	RFLP analysis and biochemical studies on resistance of rice to <i>Cercospora oryzae</i>
1993	RUSSEV George	Protein factors controlling DNA replication in mammalian cells
1994	ATANASSOV Atanas	Tagging of alien genes for fungal resistance in stable wheat- <i>aegilops</i> aneuploid lines
1995	KARAGYOZOV Luchezar	Identification of microsatellite genetic markers in tomato and pepper nuclear DNA
1998	IVANOV Ivan Georgiev	Alternative initiation and enhancement of translation in <i>Escherichia coli</i>
2002	MIRONOVA Roumyana Silvieva	Non-enzymatic glycosylation of proteins and nucleic acids in bacteria
2004	TONCHEVA Draqa Ivanova	Association studies in a linkage region of schizophrenia using pooled DNA genotyping and family-based controls
2006	PASHEVA Evdokia Alexandrova	Expression of HMGB1 protein in malignant human tumours of different histological grade: a putative prognostic marker
2007	PETKOVA BOGOEVA Vanya	Hydrophobic binding capacity of tumour specific galectins and anti-cancer effects of their synthetic ligands on tumour cell lines
2010	STOYNOV Stoyno	Coordination of DNA synthesis and unwinding by replicative checkpoint
2011	GOSPODINOV Anastas G.	Mammalian INO80-class chromatin remodelers in genome integrity maintenance
2016	NEDELICHEVA-VELEVA Marina	Dynamic changes in replication complex
<b>BURKINA FASO</b>		
2017	DJIGMA Florencia Wendkuuni	Implication of the host genetic factor in Human Papillomavirus infection and its associated cervical lesions and cancer in West African women
2020	SOMBIÉ Pierre A. Eric Djifaby	Determination of biochemical and molecular responses of cowpea ( <i>Vigna unguiculata</i> [L] Walp) genotypes from Burkina Faso under drought stress
<b>CAMEROON</b>		
2015	MOYOU-SOMO Roger	Identification of host protective mechanisms against Schistosomiasis: what role for interleukin-4 receptor?
2020	SUH Christopher	Fusarium toothpick technology for control of <i>Striga hermonthica</i> in cereal crops in smallholders farms in the Sudano Sahelian agroecological zone of Cameroon
2021	TONGO PASSO Marcel	Subtype-specific differences in HIV-1 Gag-protease and Nef Function of virus lineages circulating in Cameroon: the origin of the HIV-1 group M epidemic

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<b>CHILE</b>		
1988	VICUÑA Rafael	Microbial degradation of lignin studies on the basidiomycete ganoderma applanatum and bacteria metabolizing lignin-related compounds
1988	YUDELEVICH Arturo	Development of improved diagnostic and prevention systems for typhoid fever
1990	JEREZ Carlos A.	Studies of the stress response in biomining microorganisms. Possible implications in the improvement of the bioleaching process
1990	EYZAGUIRRE Jaime	Saccarification of straw: use of enzymes from native fungi
1991	ALLENDE Jorge E.	Protein phosphorylation as a regulatory mechanism for cellular proliferation
1992	PEREZ Luz	<i>Phaseolus vulgaris</i> : <i>In vitro</i> regeneration and other biotechnologies for disease control and resistance ( <i>closed</i> )
1992	SAN MARTIN Ricardo	Production and use saponins with adjuvant activity from the bark of <i>Quillaja saponaria</i> molina
1992	PARRA VIDAL Iván	Study of the water fern azolla for municipal wastewater treatment and its utilization as biofertilizer
1993	KRAUSKOPF Manuel	Studies of growth control in fish. Effect of environmental factors
1994	VENEGAS Alejandro	A meningitis vaccine based on recombinant porins and capsule antigens
1994	ORELLANA Omar	Protein engineering of aminoacyl-tRNA synthetases
1995	ALLENDE Jorge	Expression of protein kinases CK1 and CK2 in normal and transformed cells
1995	JEREZ Carlos	Changes in gene expression of <i>Thiobacillus ferrooxidans</i> and <i>Sulfolobus acidocaldarius</i> under different growth conditions. Implications for the biomining process
1996	LABARCA PRADO Pedro	The role of ion channels in the sperm acrosome reaction ( <i>closed</i> )
1997	MINGUELL José J.	Adhesion molecules, extracellular matrix and growth factors: Interdependence of expression and function on the self-renewal capacity of mammalian stem cells
1999	ALLENDE Jorge E.	The interaction of specific viral oncogene products, tumor suppressor proteins and protein kinase CK2
2000	JEREZ Carlos A.	Polyphosphate Metabolism in Extremophilic Biomining Microorganisms: Evolutionary and Biotechnological Implications
2000	QUEST Andrew F.G.	Functional Role of Caveolae-like Plasma Membrane Microdomains and Protein Kinase C Isoforms in Nerve Growth Factor-induced Differentiation of PC12 Cells
2002	FERREIRA Arturo	Targeting by genetic (DNA) immunisation of the inhibitor of apoptosis survivin, a generic tumour-associated antigen

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2003	ALLENDE Miquel L.	Translational control during early embryogenesis in Zebrafish
2005	GUTIÉRREZ Rodriqo A.	Functional genomics to improve nitrogen use efficiency in plants
2006	GONZALEZ BILLAULT Christian E.	Novel interactions of the light chain 1 subunit of microtubule-associated protein 1B on neurons
2008	HETZ Claudio	Role of the Unfolded Protein Response (UPR) in tumour suppression by caveolin-1
2009	LARRONDO Luis F.	Exploring light and circadian regulation in the plant pathogen <i>Botrytis cinerea</i>
2010	TAPÍA Julio C.	Role of the cyclooxygenase-2 (COX-2) and caveolin-1 in CK2-induced metastasis
2011	ALLENDE Miquel L.	Assessing the influence of oxidative stress and aging on tissue regeneration
2013	LARRAÍN Juan A.	Role of Sox2 <sup>+</sup> ependymal cells in spinal cord regeneration in <i>Xenopus</i>
2013	BUDINI Mauricio Fernando	Identification of factors involved or affected in TDP-43 aggregation
2014	GONZÁLEZ MUÑOZ Pablo Alberto	Role of Herpes Simplex Virus 2 (HSV-2) replication within dendritic cells on tissue inflammation, immunity and neuron infection in the mouse model
2015	AMIGO Julio D.	Molecular-functional dissection of pericyte contribution to sprouting angiogenesis in zebrafish
2016	MORSELLI Eugenia	Autophagy, primary cilium and inflammation in neurons and astrocytes
2017	CARRENO Leandro J.	Targeting type-I and type-II natural killer T cells to enhance effector and memory B cell responses ( <i>Early Career Return Grant</i> )
2018	PARRA ORTIZ Valentina María	Transcriptional networks for mitochondrial dynamics related to human cardiomyocyte dysfunction
2019	FEDERICI Fernan	Low cost and variability-tolerant cell-free biosensors for RNA viruses
2020	MÁRQUEZ BADILLA Chantal Loretto	Identifying host cell factors that control HIV-1 latency in different types of latent reservoirs ( <i>Early Career Return Grant</i> )
2022	KLEIN Andrés	Development of a yeast-cell precision medicine platform for uncovering genetic modifiers of Niemann-Pick C disease severity
<b>CHINA</b>		
1990	WANG Qi Song	A novel, efficient and powerful method for site-specific mutagenesis
1990	WANG Da Chenq	Studies on structural mechanism of prolonged-acting and highly potent human insulin



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1992	CHEN Zhanqiang	Molecular study of transgenic rice against virus infection
1993	ZHOU MingGuo	Resistance of fudaria on rice and wheat to fungicides
1993	WU Bing-quan	Modulation of Tumor Growth and Metastasis by IL-6 and IL-8 Gene Transfer
1995	LI Debao	Cloning and function of rice resistance genes to blast fungus ( <i>Magnaporthe grisea</i> )
1996	CHEN Yuanding	Genotypes of hepatitis C virus in Chinese patients with chronic hepatitis C
1997	GU Xiaocheng	Structure Function Relationship Studies of the Spider Neurotoxin HWTX-I containing the Cystine Knot Inhibitor Motif
1998	CHEN Wei-Feng	Identification, gene cloning and biology of chemo-kines produced by mouse thymic stromal cell lines
2000	XUE YanNing	Microbial Engineering of Metal-binding Peptides by Display Technology
2002	SONG Ping	Cloning and functional analysis of the genes involved in primordial germ cell formation in Zebrafish
2003	BAI Shu-Nong	Characterisation of the anther-specifically activated DNase and the molecular mechanism of regulation of female flower development in cucumber
2004	XIE Conghua	Identification of potato genes related to horizontal resistance to <i>Phytophthora</i> infestants and elucidation of their expression profiles
2005	ZHENG Xiaofeng	Structural and functional studies in novel proteins with important biological activities
2007	BAI Shu-Nong	Identification of genes involved in regulation of early stamen development through analysis of proteins binding to CsETR1 promoter in cucumber
2008	CHAN Paul Kay Sheung	Genomic sequence diversity and oncogenic potential of human papillomavirus type 58 variants across the world
2009	ZHENG Xiaofeng	Studies on the regulatory mechanisms of human proteins with important biological functions
2011	QU Shaogang	Molecular determinants of the interaction of the glutamate transporters with cation and the transporters' conformational transitions during the substrate transport
2013	ZHANG Linqiang	Osteoporosis therapy by silencing bone formation inhibitor
2014	YANG Guowei	Functional analysis of phospholipase in <i>Pseudomonas aeruginosa</i> type VI secretion system
2015	FAN Zhen-Chuan	The role of RABL4 small GTPase IFT27 in IFT-BBosome coupling of cilia

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2016	WAN XiangBo	Identification of novel hypoxia induced radioresistance signaling for endemic nasopharyngeal carcinoma ( <i>Early Career Return Grant</i> )
2019	CUI Sheng	Structural and functional study of Hepatitis A virus 2C protein and its role in virus replication
2020	CHEN Mingjia	Catabolism of modified nucleosides from RNA turnover in plants ( <i>Early Career Return Grant</i> )
2021	TIAN Lianqfei	The development of ultrasound based micro-array technology for high throughput screening ( <i>Early Career Return Grant</i> )
2022	SHENG Yue	The critical role and intervention study of Foxm1 in MDS through p21 and Klf4 regulation
<b>COLOMBIA</b>		
1999	FRANCO CORTÉS Manuel Antonio	Characterization of rotavirus-specific human T and B cells by ELISPOT
2002	GÓNGORA Carmenza E.	Use of chitinases from <i>Streptomyces albidoflavus</i> as phytochemical defences against herbivorous insects and phytopatogens in coffee plants
2004	OTERO MENDOZA Liliana	Genetic influence in the etiology of class III malocclusion in mandibular prognathism
2007	BERNAL GIRALDO Adriana Jimena	Molecular identification of pathogenic effectors in a cassava bacterial pathogen
2009	RESTREPO RESTREPO Silvia	Identification of pathogenicity factors in <i>Batrachochytrium dendrobatidis</i> by <i>in silico</i> comparative genomics
2011	GHNEIM HERRERA Thaura	Biological nitrogen fixation in rice ( <i>Oryza sativa</i> L.): Targeting American wild species ( <i>Oryza glumaepatula</i> and <i>Oryza latifolia</i> ) as new sources of endophytic diazotrophic bacteria populations with high N <sub>2</sub> -fixing capacity
2017	BUSTAMANTE OSORNO John	Development of a platform to interaction of cardiac cells in an <i>in-vitro</i> model to reproduce the tissue pattern behavior in the endomyocardial fibrosis
2018	NAVARRO ESCALANTE Lucio	Development of microbial-mediated RNA interference as a potential insect control method of the coffee berry borer, <i>Hypothenemus hampei</i> (Coleoptera) ( <i>Early Career Return Grant</i> )
2020	RUGELES LOPEZ Maria Teresa	Phenotypic and functional characterization of the adaptive immune response during differential progression of COVID-19 ( <i>funded by IILA</i> )
2021	CASTAÑO MONSALVE Diana	Elucidating structural components of extracellular vesicles associated with inflammatory responses in patients with seropositive rheumatoid arthritis as potential therapeutic targets and biomarkers
2022	MORENO SARMIENTO Nubia Carmenza	Poly-inoculum to drench application as control of rice phytopathogen ( <i>Burkholderia glumae</i> , <i>Pyricularia oryzae</i> , <i>Gaeumannomyces graminis</i> ) and its effect on the plant and soil microbiome
<b>COSTA RICA</b>		
1997	RAMÍREZ Pilar	MRFV-resistant transgenic maize using viral and plant-derived genes
1998	RAVENTÓS Henriette	Molecular screening for schizophrenia susceptibility genes in the Costa Rican population

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2002	RAMÍREZ FONSECA Pilar	Molecular diversity of emerging geminiviral diseases in cucurbits
2004	ARRIETA-ESPINOZA Griselda <i>Former PI: Ana M. ESPINOZA ESQUIVEL</i>	Development of new genetic resources for insect resistance in rice
2006	MOREIRA Lisela <i>Former PI: Carmen RIVERA HERRERO</i>	Identification of bacterial endophytes from coffee plants and their interaction with the phytopathogen <i>Xylella fastidiosa</i> responsible for Coffee Leaf Scorch (CLS) disease
2008	LOMONTE Bruno	Molecular and cellular basis of skeletal muscle necrosis caused by snakebites
2009	GARCÍA-PIÑERES Alfonso J.	Role of cell-mediated immune response in the natural history of HPV infection
2011	CHAVES OLARTE Esteban	Dynamics of the activation of the two component system BvrRS and the type four secretion system VirB during the initial stages of the intracellular replication of <i>B. abortus</i>
2013	LOMONTE Bruno	Mechanisms of muscle damage by snake venom phospholipases A <sub>2</sub>
2016	BARQUERO-CALVO Elías	Regulation of adaptive immunity during a Brucellosis infection
2018	MORA-RODRÍGUEZ Rodrigo	Development and validation of a genetically encoded fluorescent reporter for Dengue and Zika virus NS2B-NS3 protease activity and its application to explore the phenotypic diversity of viral infection in terms of replication, cell death induction and
2019	STYNOSKI Jennifer Lynn	Uncovering developmental and transcriptional mechanisms of the early synthesis of cytotoxic, antimicrobial, and cardiotoxic bufadienolides in toads ( <i>Early Career Return Grant</i> )
2020	GUZMÁN-VERRI Caterina	Understanding <i>Brucella</i> phylogeography: a road to specific diagnostic tools
2020	CORRALES-AGUILAR Eugenia	A cellular-based surrogate assay for the identification of neutralizing antibodies against SARS-CoV-2 and the screening of receptor-binding inhibitors
<b>CROATIA</b>		
1993	PETRANOVIC Dražo	Genes and enzymes involved in the inhibition of recombination
1994	WEYGAND-DURASEVIC Ivana	Protein engineering of aminoacyl-tRNA synthetases
1996	KOSTOVIC-KNEZEVIC Ljiljana	Functional and developmental analysis of mice carrying mutations in genes expressed in the central nervous system
1999	WEYGAND-DURASEVIC Ivana	Evolution of determinants in seryl-tRNA synthesis
2000	GAJOVIC Srecko	Expression and Function of Nucleolar Protein 1 (No1 1) in Mouse ( <i>funded 2001</i> )
2004	MARAVIC VLAHOVICEK Gordana	Functional analysis of aminoglycoside resistance determinants
2006	GAJOVIC Srecko	Endosomes and the mouse nervous system: function of signal transducing adaptor molecule 2 (STAM2)

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2007	VLAHOVICEK Kristian	Computational genomics of extremophyle microbial ecosystems
2008	MARAVIC VLAHOVICEK Gordana	Mechanisms of aminoglycoside resistance by ribosomal RNA methylation
2011	FULGOSI Hrvoje	Dissecting complex regulators of photosynthetic energy conversion
2014	MLADINIC PEJATOVIC Miranda	Role of Activating Transcription Factor 3 and related molecules in the activation of spinal cord endogenous stem/progenitor cells
2015	JURAK BEGONJA Antonija	Deciphering the role of phosphoinositol lipids in thrombopoiesis ( <i>Early Career Return Grant</i> )
2016	TOMAIC Vjekoslav	Biological factors determining Human Papillomavirus (HPV) driven carcinogenesis ( <i>Early Career Return Grant</i> )
2017	ZOLDOŠ Vlatka	Comprehensive toolbox for epigenetic modulation of gene expression
2020	VOJTA Lea	Redox-sensing and electron transfer at the inner envelope of chloroplasts – the role of the TROL-FNR interaction
<b>CUBA</b>		
1990	PEREZ TALAVERA Sergio	Transformation of sweet potato ( <i>Ipomoea batata</i> L.) for increasing its nutritional value as food and animal feed
1991	GAVILONDO Jorge V.	Modification of therapeutic monoclonal antibodies by recombinant DNA techniques
1991	SELMAN-HOUSEIN Guillermo	Genetic engineering of rice for pest resistance
1991	PEREA RODRIGUEZ Silvio E.	Mechanism of cell transformation by HPV-16
1992	HERRERA MARTINEZ Luis	Generation of therapeutic monoclonal antibodies against endothelial adhesion molecules
1993	DE LA FUENTE GARCIA Jose	Studies of growth control in fish. Transgenesis for manipulating growth in fish
1994	SILVA Ricardo	Epitope mapping of a high molecular weight antigen of <i>Neisseria meningitidis</i> . Study of its identity among several isolates
1994	ORAMAS FRENES Pedro	Molecular characterization of Geminiviruses
1995	COTO PÉREZ Orquídea	Changes in gene expression of <i>Thiobacillus ferrooxidans</i> and <i>Sulfolobus acidocaldarius</i> under different growth conditions. Implications for the biomining process
1996	MARTÍNEZ Gisela	Detection of minimal residual disease in acute leukemia by PCR technique: clinical evaluation
1997	GAVILONDO Jorge V.	Phage display as a tool for diagnostic hemagglutination

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1998	PEREA RODRIGUEZ Silvio E.	Impairment of the interferon system elicited by human Papillomavirus
2004	CASTRO Fidel Ovidio	Expression of proteins in egg yolk using vitellogenin based vectors ( <i>cancelled</i> )
2005	RODRÍGUEZ MOLTÓ María Pilar	Expression of proteins in egg yolk using vitellogenin based vectors
2006	GARCIA OJALVO Ariana <i>Former PI: Nelson SANTIAGO VISPO</i>	AAV-mediated delivery of VEGF family members to promote myocardial recovery after acute myocardial infarction in pigs
2010	MUSACCHIO LASA Alexis	Knowledge generation using a biological data warehouse system
<b>DJIBOUTI</b>		
2022	ALI Merito Ali	Study of Inflammatory Bowel Diseases (IBD) in Djibouti: Crohn's Disease (CD) and Ulcerative colitis (UC) ( <i>funded by AICS/BioTechNet</i> )
<b>ECUADOR</b>		
2016	BAILON MOSCOSO Natalia	Phytochemical study and anti-tumor activity of <i>Grias neuberthii</i> and <i>G. peruviana</i> two species of medicinal plants endemic in Ecuador ( <i>Early Career Return Grant</i> )
2020	GRANJA TRÁVEZ Rommel Santiago	Development of an <i>E. coli</i> based biosensor for tryptophan to produce the plant hormone indole-3-acetic acid: a synthetic biology approach ( <i>Early Career Return Grant</i> ) - CANCELLED
2020	RAMIREZ CANDO Lenin Javier <i>Former PI: Marco Larrea-Álvarez</i>	Microalgae biomass application in broilers as strategy to contain emerging <i>Salmonella enterica</i> serovar Infantis in Ecuador ( <i>Early Career Return Grant</i> )
<b>EGYPT</b>		
1993	ALI TEMTAMY Samia	New DNA techniques for identification of mutations in the beta globin gene in Egyptian beta thalassemia patients
1994	EL RIDI Rashika	Development of a recombinant subunit antigen vaccine against human schistosomiasis ( <i>cancelled</i> )
1996	MOURSY Hamdy A.	<i>In vitro</i> multiplication molecular characterization and sex determination of date palm
1998	EL RIDI Rashika	Synthetic peptide-based vaccine for <i>Schistosomiasis Mansoni</i>
2002	ESSAWY Gamal S.	Cloning and expression of sheep leptin and studying its biological actions
2003	SAKER Mahmoud M.	Towards transgenic date palm resistant to notorious pests
2005	BEKHEET Shawky A.	Production of insect resistant transgenic sugarbeet expressing <i>Bacillus thuringiensis</i> toxins
2007	TAHOUN Mahmoud Khairy Mohamed	<i>plg-1</i> gene expressing propionicin by lactic starters in dairying
2009	MOUSSA Saad Mohamed	Development of novel insecticides against <i>Spodoptera littoralis</i> using RNAi approach

COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
2014	AMIN Hala Abdel Salam	Surface immobilisation of saponin hydrolase enzyme on agricultural residues: Novel biocatalysts for soybean saponin hydrolysis
2018	ELSERAFY Menattallah	Genetic screening approaches to investigate cellular mechanisms that protect against DNA damage and associated diseases ( <i>Early Career Return Grant</i> )
2019	MAHRAN Rama	Piperine for the prevention of breast cancer ( <i>Early Career Return Grant</i> )
2021	ELTANAHY Eladi Galal	Anaerobic Digestate of Wastewater Sludge (ADWS) and microalgae-bacteria coculture as a zero-waste model for biofuel production
2022	ELHADIDY Mohamed Elhadidy	Implementing pathogen genomics and nanobiotics to combat antimicrobial resistance ( <i>funded by MAECI-DGCS/WeSTAR</i> )
2022	KALDAS Mina Mehanny Habeeb	Biomimetic membrane-coated nanoparticles for targeted cardiovascular therapy ( <i>funded by MAECI-DGCS/WeSTAR</i> )
<b>ETHIOPIA</b>		
2019	TIGISTU-SAHLE Feven	Comparative lipidomics for development of <i>Mycobacterium tuberculosis</i> -based lipid biomarkers ( <i>Early Career Return Grant</i> )
2020	ANDETA Addisu Fekadu	Examination of the interaction between <i>Leuconostoc mesenteroides</i> and <i>Lactobacillus plantarum</i> for safe and quality enset ( <i>Ensete ventricosum</i> ) fermentation ( <i>Early Career Return Grant</i> )
2021	BITEW Molaleqne	Unlocking the secrets of low virulence of SARS-CoV-2 in Ethiopia by sequencing and Spike binding efficiency test ( <i>funded by AICS/BioTechNet</i> )
2022	YISMAW Gizachew	Climate change and transmission dynamics of Dengue epidemiology in Ethiopia: A molecular and entomological study ( <i>funded by AICS/BioTechNet</i> )
<b>GREECE</b>		
1988	KOKKINIDIS Michael	Structural and genetic analysis on the four alpha-helix motif in proteins
1988	TZARTOS Socrates	Structure and pathogenicity of the acetylcholine receptor
1988	TSAGRIS Efthimia Mina	Analysis of the organization and expression of the Plum Pox Virus (PPV) genome
1990	GHANOTAKIS Demetrios F.	Photosynthetic water cleavage and inhibitory effect of herbicides
1990	MOSCHONAS Nicholas	Structural and functional analysis of human glutamate dehydrogenase
1991	PAPAMATHEAKIS Joseph	Structure and biological function of a novel eucaryotic homologue of the DNA-A replication factor
1992	SOTERIADOU Ketty	Study of membrane molecules of leishmania
1992	SEKERIS Constantine E.	Control of mitochondrial gene expression by steroid and thyroid hormones

COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
1993	MAVROMARA-NAZOS Penelope	Human papillomavirus (HPV) and cervical cancer in Greece: Epidemiological studies HPV typing, development of immunoreagents ( <i>cancelled</i> )
<b>HUNGARY</b>		
1988	BOROS Imre	Study of the mechanism of transactivation in HTLV and BLV
1990	NAGY Ferenc	Characterization of DNA binding proteins involved in the regulated expression of a wheat chlorophyll a/b binding protein
1990	OROSZ Laszlo	Structural studies on sequence specific DNA-protein interactions
1990	VASS Imre	Photosynthetic Water Cleavage and Inhibitory Effects of Herbicides
1991	DUDITS Denes	Cell cycle control and embryogenesis in somatic cells of higher plants
1991	MEDGYESY Peter	Identification of mitochondrial genes for male sterility in tobacco
1992	FODOR Istvan	Structural and antigenic properties of the rabies virus glycoprotein
1992	HALASZ Anna	Regulation of methionine synthesis in yeast and polymet code inserted hybrid
1993	SIMON István	Structural principles of repetitive sequence motifs in proteins
1993	HORNOK László	Strain specification, genome analysis and isolation of genes encoding lysing enzymes in the genus Trichoderma
1994	CSORDÁS TÓTH Éva	Protein kinase components of cell cycle regulation in hormone activated plant cells
1994	SEREGI Janos	Effective generation of selected Watanabe rabbits as disease models ( <i>closed</i> )
1995	CSERMELY Peter	Chaperones and artificial nucleases to study protein-DNA interactions
1996	BARTA Endre <i>Former PI: Peter FÁBIAN</i>	Improved methods and services for biological sequence evaluation
1997	BATTA Gyula	Structure - function analysis of calretinin - a neuronal calcium binding protein
1998	SÁFRÁNY Géza	Construction of novel genetically modified tumor vaccines
1998	PATTHY László	Study on the structure and mechanism of gelatinase A
1999	CSERMELY Peter	Interactions of molecular chaperons with RNA and DNA

COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
2000	JENES Barnabás	Quality Improvement of Crops by Gene Technology
2004	PERCZEL András	Structure-activity studies of protease inhibitor models
2007	DEÁK Peter	Determining the chemosensitivity of checkpoint mutations
2008	PERCZEL András	Assessing the protein folding - aggregation paradigm with NMR and molecular modeling
2009	SILHAVY Dániel	The role of nonsense-mediated mRNA decay in plant antiviral response
2011	BALÁZS Ervin	Molecular mode of action of smoke-derived germination cues
2013	SZÉKVÖLGYI Lóránt	Structural examination of histone mutations driving human disease
2014	VÉRTESSY Beáta G.	<i>In vivo</i> enzymology in genome integrity
2016	WIENER Zoltán	Exosomes in the inflammatory intestinal stem cell niche ( <i>Early Career Return Grant</i> )
2017	KALÓ Péter	The identification and analysis of genes controlled by the regulator of symbiosome differentiation (RSD) transcription factor during <i>Medicago truncatula</i> nodule development
2019	GÁCSER Attila	Examination of the interaction between <i>Candida</i> and oral squamous cell carcinoma cells on the level of extracellular vesicles
2020	HILLIER Daniel	Broad and efficient gene expression via systemic gene delivery of engineered AAVs in a preclinical species
2021	PIRCS Karolina Milena	From young to old and vice versa - Neuronal autophagy in human ageing ( <i>Early Career Return Grant</i> )
<b>INDIA</b>		
2014	AGASHE Deepa	Functional characterisation of gut microbial communities and their fitness effects during dietary switches in butterflies
2015	KULKARNI Kiran	Structural basis of Dock3-NEDD9 interactions and their role in tumour cell plasticity
2019	JAIN Manju	A molecular and immunological investigation of leishmaniasis from an unusual foci of cutaneous and visceral disease in India and Nepal
2020	SAHU Bhavani Shankar	Defining the central role of obesity-associated metabolic stress on regulated exocytosis ( <i>Early Career Return Grant</i> )
2021	PATANKAR Swati	Screening lead compounds for activity against the multiplicative and dormant stages of Apicomplexan parasites: <i>Plasmodium falciparum</i> and <i>Toxoplasma gondii</i>



COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
<b>IRAN</b>		
2003	MOUSAVI Amir	Towards transgenic date palm resistant to pests
2004	ZOMORODIPOUR Alireza	Molecular approach to achieve efficient expression of recombinant human factor VIII in mammalian cells
2005	AHMADIAN Gholamreza	Purification, cloning and characterisation of novel chitinases from <i>Bacillus subtilis</i> SG2
2007	SAHEBGHADAM LOTFI Abbas	Over production of alpha1-antitrypsin in yeast and its encapsulation for drug delivery purposes
2011	ARDEKANI Ali M.	DNA methylation pattern changes and detection of breast cancer
2015	RAFATI Sima	Identification of a protective sand fly salivary vaccine
2017	SOHEILI Zahra-Soheila	Studying the functional mechanism of miR-183 cluster in differentiation of retinal neurons from human retinal pigment epithelial (hRPE) cells; prediction and nomination of target genes ( <i>cancelled</i> )
2022	NAGHAVI Mohammad Reza	Overexpression of rate-limiting enzymes, DBTNBT and DBAT, in <i>Taxus</i> cell suspension culture using CRISPR-Cas9 system as a successful strategy for a substantial increase in Taxol ( <i>funded by COMSTECH-ICGEB Scientific Cooperation Programme</i> )
<b>JORDAN</b>		
2021	SUNOQROT Suhair	Aptamer-guided plant polyphenol nanoassemblies for effective cancer targeting
<b>KENYA</b>		
2013	ANAMI Sylvester E.	Enhancing drought stress tolerance in popular farmer preferred tropical sweetpotato ( <i>closed</i> )
2017	RUNO Steven	Deciphering resistance and virulence in sorghum- <i>Striga</i> interaction
2018	MBINDA Wilton Mwema	Generating blast resistant Finger Millet plants through gene-specific genome editing
2020	HESHBORNE Tindih Sheltone	Characterization of the SARS-CoV-2 virus and antibodies
2020	MWEU Cecilia Mbithe	Generation of cyanogen free Cassava with reduced post-harvest physiological deterioration through gene specific genome editing
<b>KUWAIT</b>		
2019	AL-ANZI Bader F.	Determination of signal flow in cellular systems using the yeast fat regulating network as a model
2022	RAHMEH Rita	Insights into the resistome of healthy and mastitis camel milk microbiome ( <i>funded by COMSTECH-ICGEB Scientific Cooperation Programme</i> )
<b>MALAYSIA</b>		
2013	MUDA Azah Kamilah	A new 3D descriptor of synthetic drug molecular structure for drug analysis

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2017	TONG Woei Yenn	Mode of action of a new antibiotic Phomopsidione on <i>Pseudomonas aeruginosa</i>
2017	RAJASURIAR Reena	D-amino acids as potential modulators of age-related functional decline in natural and accelerated aging
2018	MAHADI Mohd Kaisan Bin	Vagus nerve stimulation: Investigation on cholinergic anti-inflammatory activity and macrophage polarization in rats with induced myocardial infarction ( <i>Early Career Return Grant</i> )
2019	MOHTAR Mohamad Aimanuddin	CRISPRi genetic screen in identifying surfaceome addiction in glioblastoma multiforme ( <i>Early Career Return Grant</i> )
2020	TAN Linq Linq	Nanomaterials based-Genosensor (Nano-GS) for improved detection method of SARS-CoV-2 RNA as rapid COVID-19 diagnosis strategy
2021	BINTI AHMAD MOKHTAR Ana Masara	To elucidate the effect of RhoH Y38X mutation in regulating Rac-induced BAFF-R signalling in PID malignancy ( <i>Early Career Return Grant</i> )
2022	AHMAD Mardiana Idayu	Synthesis and heat transport mechanism of biodiesel from marine macroalgae feedstocks catalysed by activated palm kernel shell waste towards biofuel standard specification ( <i>funded by COMSTECH-ICGEB Scientific Cooperation Programme</i> )
<b>MAURITIUS</b>		
2016	GOVINDEN SOULANGE Joyce	Bioprospecting Mauritian phytomedicines for anticancer leads
2021	RANGHOO-SANMUKHIYA Vijayanti Mala	Unveiling the miRNAs of the medicinal <i>Mascarene</i> aloes and <i>in vivo</i> testing of their neuroprotective attributes in <i>Drosophila</i> models
<b>MEXICO</b>		
1991	GARIGLIO Patricio	Papillomavirus, cellular oncogenes and human cancer
1991	BLANCO Alejandro	Protein related to plant resistance to insects through enzyme inhibitors
1991	HERRERA-ESTRELLA Luis	Molecular study of the pathogenicity and virulence genes of the basidiomycete <i>Ustilago maydis</i>
1991	HERNANDEZ Georgina	Relation between ammonium assimilation and nitrogen fixation in Rhizobium during the symbiosis
1992	LOYOLA-VARGAS Victor	Regulation of Tryptophan decarboxylase from <i>Catharanthus roseus</i> transformed roots
1992	GOMEZ LIM Miquel	Molecular cloning and characterization of genes expressed during ripening of mango fruit
1993	LOZOYA GLORIA Edmundo	Molecular factors involved in a plant-defence response
1994	RIVERA BUSTAMANTE Rafael	Molecular characterization of Geminiviruses
1995	RUIZ-HERRERA Jose	Molecular studies on the dimorphism of <i>Paracoccidioides brasiliensis</i>

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1996	DARZON Alberto	The role of ion channels in the sperm acrosome reaction
1998	MORETT Enrique <i>Former PI: Gabriel ITURRIAGA</i>	Production of transgenic tomato fruits accumulating trehalose
1998	LÓPEZ-CASILLAS Fernando	Novel anti-TGF- $\beta$ agents for the study and treatment of experimental tuberculosis
1999	HERRERA-ESTRELLA Alfredo	Sporulation and light sensitivity studies in the biocontrol agent <i>Trichoderma harzianum</i>
2002	SCIUTTO CONDE Edda Lydia	Improving of the protective capacity of a peptide based anti-cysticercosis vaccine by a polymeric bacterial protein carrier
2003	GARIGLIO VIDAL Patricio	Retinoid receptors and cervical cancer development
2004	LOZOYA GLORIA Edmundo	Metabolomic profile of zoapatle ( <i>Montanoa tomentosa</i> )
2005	HERRERA-ESTRELLA Alfredo	Functional genomics of conidiation in the biocontrol agent <i>Trichoderma atroviride</i>
2006	CASTRO-OBREGÓN Susana	The role of SUMOylation on the function of the Nur family of orphan nuclear receptors
2007	ALVAREZ-MORALES Reynaldo Ariel	Analysis of the influence of citrate exudating transgenic maize and a transgenic strain of the biocontrol agent <i>Trichoderma</i> on soil microflora. Base line data for risk assessment on effects on soil non-target organisms
2008	GEORGELLIS Dimitrios	Signal transduction by the BarA/UvrY two-component system
2009	GÓMEZ LIM Miquel Anqel	Human health and melon biotechnology
2010	GONZÁLEZ Alicia	Paralogues evolution: relocalisation and expression profiles
2011	PEDRAZA ALVA Gustavo	Characterisation of the transduction pathways activated by <i>M. tuberculosis</i> leading to inefficient immune response
2013	OCHOA-ZARZOSA Alejandra	Innate immune-modulatory properties of plant antimicrobial peptides on mammalian cells during host-pathogen interactions
2015	MORENO-ESTRADA Andres	Human functional genomics of Native American variation in Mexico and Latin America ( <i>Early Career Return Grant</i> )
2016	AGUILAR ARNAL Lorena	Metabolic regulation of chromatin dynamics in obesity ( <i>Early Career Return Grant</i> )
2017	LUDERT Juan Ernesto	Antibody facilitated Zika virus infection of Hofbauer cells and study of the mechanisms used by the virus to cross the transplacental barrier
2019	ÁVILA ARCOS María C.	Paleogenomic characterization of human pathogens spanning the Native-European contact in Latin America

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2020	MORENO-ESTRADA Andrés	Large scale biobanks from underserved populations to accelerate COVID-19 host genetics studies in Latin America and Oceania ( <i>funded by IILA</i> )
2020	GONZÁLEZ SÁNCHEZ Hilda Minerva	Human germinal center organoids as a tool to understand B cell biology and for the identification of monoclonal antibodies with therapeutic potential against SARS-CoV2 ( <i>Early Career Return Grant</i> )
2021	RIOS BARRERA Luis Daniel	Study of the mechanisms that coordinate tracheal and epidermal development in the embryogenesis of <i>Drosophila melanogaster</i> ( <i>Early Career Return Grant</i> )
<b>MOLDOVA</b>		
2022	BURUIANA Sanda	Genetic alterations and treatment response in patients with diffuse large B-cell lymphoma
<b>MONTENEGRO</b>		
2019	ZINDOVIC Jelena	Next generation diagnostics and characterization for emerging viruses and virus-like agents of pome and stone fruits in Montenegro
<b>MOROCCO</b>		
1996	AITCHITT/EL HASSANI <i>Former PI: AITCHITT</i>	<i>In vitro</i> multiplication molecular characterization and sex determination of date palm ( <i>closed</i> )
2005	SEDRA Moulay Hassan	Genotyping Moroccan date palm cultivars using molecular markers ( <i>closed</i> )
2007	IRAQI Driss	Genetic engineering as a strategy for improving drought tolerance in wheat
2009	BENNANI MECHITA Mohcine	Molecular basis of hemoglobinopathies in Morocco
2013	IRAQI Driss	A transgenic approach to improve drought and salinity tolerance in wheat
<b>NAMIBIA</b>		
2013	SHIKONGO-NAMBABI Martha NNN	Control of <i>Crassostrea gigas</i> larvae mortality in aquacultures in Namibia ( <i>closed</i> )
2017	VERBEECK Roger K.	Precision medicine: pharmacogenomics of drug transporters and personalization of metformin therapy
2021	MWAPAGHA Lamech	The molecular role of Human papilloma virus association with head and neck squamous cell carcinoma (HNSCC) in Namibia
2022	SHATRI Albertina	The use of PLGA-Chitosan nanocarriers to improve gentamycin and a novel phytomedicine uptake while targeting <i>Enterococcus faecalis</i> biofilm formation in a root canal ( <i>funded by MAECI-DGCS/WeSTAR</i> )
<b>NIGERIA</b>		
1988	OKONKWO S.N.C.	Mass propagation of trees for wood pulp and paper industry in Nigeria
1990	FATUNLA Tunde	The biology of bananas, plantains and of sigatoka in the breeding for resistance to the sigatoka leaf spots
1990	OBASEIKI-EBOR Emmanuel E.	Screening of the antimutagenic and genotoxic activities of extracts of several edible vegetables plants and mushrooms commonly consumed in Nigeria

COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
1993	UZOEGWU Peter N.	Antioxidants, red cell atpase, malaria and sickle cell
1994	OKAFOR Nduka	Microbial detoxification and fermentation of enriched cassava mash
1997	OGUNMOLA Gabriel B.	Elevation of gamma chain expression in sickle cell disease in Nigeria ( <i>closed</i> )
2006	OGBADOYI Emmanuel Olofu	Antitrypanosomal potentials of three Nigerian medicinal plants ( <i>closed</i> )
2007	SMITH Stella Ifeanyi	Diagnostic methods for the detection of <i>Helicobacter pylori</i> and epidemiology of enteric <i>Helicobacter</i> infections from patients in Nigeria
2009	NASHIRU Oyekanmi	Surveillance for enterovirus 71 (EV71) infections in Nigeria
2009	NOK Andrew Jonathan	Cloning and expression of <i>Plasmodium</i> cysteine proteases gene for vaccine development ( <i>closed</i> )
2016	BABA Marycelin Mandu	Establishment of a laboratory facility for the diagnosis and surveillance of Arbovirus infections in Nigeria
2018	ABOLAJI Amos Olalekan	Unraveling the molecular therapeutic mechanisms of resveratrol rescue-driven in <i>Drosophila melanogaster</i> models of Parkinson's disease
2020	OLAJUYIGBE Folasade Mayowa	Enzymatic analysis of the cellulolytic system of ligninolytic <i>Stenotrophomonas</i> sp. and development of bifunctional chimeric enzyme for efficient simultaneous delignification and saccharification of lignocellulosic biomass
2021	AISUODIONOE-SHADRACH Oseremen	Characterization of metabolic markers of prostate cancer as determinants of tumour pathobiology in an African population
<b>NORTH MACEDONIA</b>		
1996	EFREMOV Georgi D.	Factors affecting the fetal hemoglobin levels
1998	EFREMOV Dimitar G.	Antigen-receptors on malignant B-lymphocytes: Role in pathogenesis of B-cell lymphoproliferative disorders and targets for active tumor-specific immunotherapy
2003	SPIROSKI Mirko	Ambiguities resolution of HLA genotypes in Macedonian population
2006	DIMOVSKI Aleksandar	Prognostic and predictive factors in colorectal cancer management
2009	PLASESKA-KARANFILSKA Dijana	Molecular profiling of infertile men
2013	POLENAKOVIC Momir	Genetic screening for mutations in GH1 and GHRHR in a cohort of patients with isolated growth hormone deficiency (IGHD); Elucidating the genetic cause(s) for a distinct association of IGHD and myopathy
2014	DIMOVSKI Aleksandar	Genetic factors for development and therapy of colorectal cancer
2019	POPOV Zivko	Diagnostic, prognostic and predictive biomarkers for bladder cancer management

COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
2020	PANOVSKA-STAVRIDIS Irina	Natural antibody responses in asymptomatic/mildly symptomatic, severely symptomatic and critically ill patients with COVID-19
<b>PAKISTAN</b>		
1996	MIRZA Sajjad M. <i>Former PI: Kauser A. MALIK</i>	Studies on molecular ecology of nitrogen fixing bacteria associated with rice and wheat
1997	RIAZUDDIN Sheikh	Molecular Characterization of a new <i>Bacillus Thuringiensis</i> Toxin Gene
2000	AHMED Nuzhat	Molecular Biology of Heavy Metal Bio-accumulation ( <i>funded 2001</i> )
2002	RIAZUDDIN Sheikh	Molecular and genetic basis of hereditary deafness
2003	MANSOOR Shahid	Use of RNA interference for engineering resistance against economically-important plant DNA viruses
2006	GILL Owais	Correlating cardiac ischemia on SPECT imaging with DNA mutations
2007	KHALID Zafar M.	Studies on protease coding genes in metagenomic extracts and pure extremophilic isolates
2008	RIAZUDDIN Sheikh	Genetic basis of hereditary hearing impairment
2010	RAHMAN Moazur	Structural and functional studies of C-terminal hydrophilic tail of the human zinc transporter Znt8
2013	IQBAL Mazhar	Structural and antigenic analyses of lipopolysaccharides of typhoidal pathogens
2014	AWAN Fazli Rabbi	Diagnosis of treatable inborn metabolic disorders of intellectual disability
2017	SHEHZAD Aamir <i>Former PI: Moazur Rahman</i>	Development of recombinant vaccine to combat inclusion-body hepatitis-hydropericardium syndrome in poultry
2020	AHMAD Niaz	Development of transgene-free <i>Brassica juncea</i> with low erucic acid and glucosinolate content using CRISPR technology
2021	FATIMA Ambrin	Exploring novel genes and mechanism behind genetic epilepsies for implementation in the Pakistani health care system ( <i>Early Career Return Grant</i> )
2022	SHAHZAD Zaiqham	Optimizing root system architecture to improve phosphorus use efficiency in rice ( <i>funded by COMSTECH-ICGEB Scientific Cooperation Programme</i> )
<b>PANAMA</b>		
2014	SPADAFORA Carmenza	Search for self destruction signals on <i>P. falciparum</i> parasites
2016	MONCAYO Gerald	SYK combinatory treatments against brain cancer ( <i>Early Career Return Grant - closed</i> )

COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
2017	RAMIREZ CAMEJO Luis Alberto	Probiotics against aspergillosis: a severe disease that affects people worldwide ( <i>cancelled</i> )
2019	CORONADO VÁSQUEZ Lorena Michelle	Design and test of <i>in vitro</i> and <i>in vivo</i> applicators for the use of electromagnetic energy against the malaria parasite
<b>PERU</b>		
1997	AREVALO Jorge	<i>Leishmania</i> polymorphic chromosomes: molecular epidemiology targets
1999	HERRERA-VELIT Patricia	Monocyte signalling and functional responses by natural products
2003	VALDIVIA CUYA Martha	Molecular analysis of alpaca's gametes interactions
2005	ORJEDA Gisella	Positional cloning of 4HL stripe rust resistance quantitative trait loci in barley
2007	DE STEFANO BELTRÁN Luis	Comparative genomics of red and black Maca ecotypes
2008	ZIMIC Mirko J.	An ELISA assay for cysticercosis based on a recombinant cathepsin-L
2009	ECHEVARRIA CUREE Luisa Ines	Hormonal and genetic characterization of ovarian follicular maturation in alpacas
2010	SHEEN Patricia	Transplanted proteins as new vaccine carriers
2011	ORJEDA Gisella	Races of rust affecting barley production of Andean farmers
2016	LOPEZ Juan	Molecular mechanism of <i>T. cruzi</i> virulence factors ( <i>Early Career Return Grant</i> )
2017	IBÁÑEZ GABILONDO Alfredo Jesús	Systems-level study of the ALT phenotype in <i>Saccharomyces cerevisiae</i> ( <i>Early Career Return Grant</i> )/ <i>cancelled</i>
2019	TUERO Iskra <i>Former PI: Edward Malaga-Trillo</i>	Are prion (PrP) and MARCKS proteins functional partners <i>in vivo</i> ? MARCKS proteins as potential components of prion and Alzheimer's neurodegenerative pathways
2020	ZIMIC Mirko	Role of a metallochaperone in the mechanisms of action and resistance to pyrazinamide a in <i>Mycobacterium tuberculosis</i>
2022	SHEEN Patricia	Evaluation of efflux pumps responsible for the pyrazinoic acid efflux rate, potentially related to the mechanisms of action and resistance to pyrazinamide in <i>Mycobacterium tuberculosis</i>
<b>POLAND</b>		
1993	NIEWIAROWSKI Wojciech	Biological Activity of CFTR (Cystic Fibrosis Transmembrane Regulator) protein mutants ( <i>cancelled</i> )
1995	NIEWIAROWSKI Wojciech	Inhibition of Activity of Multidrug Resistance-Associated Protein (MRP) in Human Cell Lines by Antisense Oligonucleotides ( <i>replaces CRP/POL93-01</i> )

COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
1997	KUZNICKI Jacek	Structure- function analysis of calretinin - a neuronal calcium binding protein
1998	CIERNIEWSKI Czeslaw S.	Regulation of the expression of integrin receptors ( $\alpha V\beta 3$ , $\alpha V\beta 5$ , $\alpha 5\beta 1$ , $\alpha 4\beta 1$ ) by antisense strategy
1998	MACKIEWICZ Andrzej	Construction of novel genetically modified tumor vaccines
2000	JASKÓLSKI Mariusz	Chrystallographic Studies of Pathogenesis-related Proteins from Lupine
2002	KACZMAREK Leszek	Matrix metalloproteinases in neuronal plasticity and cell death
2003	LEGOCKI Andrzej B.	RNAi phenomenon in functional genomics of cultivable plants
2004	NAWROT Barbara	Beta-site APP cleaving enzyme (BACE) as therapeutic target for prevention of Alzheimer's disease
2005	SILBERRING Jerzy	Proteome in the central nervous system in drug dependence
2007	DZIADEK Jaroslaw	d metabolism in pathogenesis of tuberculosis
2008	POZNANSKI Jaroslaw	TFE as the 3D-fold inducer. Application for domain 4 of <i>E. coli</i> RNAP $\sigma^{70}$
2011	JAWORSKI Jacek	mTOR-driven phosphorylation of ZBP1 and Ago2 in neuronal development
2013	LEWANDOWSKA Marzena Anna	Role of miRNA in gene regulation and as a potential biomarkers in prostate cancer
2016	JAZOWIECKA-RAKUS Joanna	Mesenchymal stem cells and myxoma virus in oncolytic melanoma therapy ( <i>Early Career Return Grant</i> )
<b>ROMANIA</b>		
2016	RISTOIU Violeta	Iba-1 (+) macrophages contribution to peripheral neuropathic pain development
2021	MILANESI Elena	The brain-gut axis linking inflammatory bowel disease with anxiety and depression: the inflammation-microbiome network
<b>RUSSIA</b>		
1993	GEORGIEV Georqii P.	The role of the metastasin 1 gene and its product in cancer metastasis
1993	KIRPICHNIKOV Mikhail P.	Engineering of proteins with pre-determined structure and biological functions based on <i>de novo</i> protein albebetin structure
1993	RAZIN/LUCHNIK Sergei	Characterization of the domain organisation of the eukaryotic genome. Domain/loop/replication as an integral functional unit



COUNTRY & YEAR AWARDED	PRINCIPAL INVESTIGATOR	PROJECT TITLE
1994	ILYIN Yuri	Genes controlling long distance interactions in eukaryotes
1994	ATABEKOV Joseph	Application of Virus-specific subgenomic promoters for constructing the virus-resistant plants ('suicide model')
1995	GNUCHEV Nikolai	The study of the mechanism of the lak-cells cytotoxic action on tumor cells
1997	GEORGIEV Georgii P.	Molecular mechanisms of metastasis induction by the Mts1 protein
1998	KIRPICHNIKOV Mikhail P.	Protein engineering of membrane-active chimeric protein and <i>de novo</i> protein possessing important biological properties
2004	LARIN Sergey <i>Former PI: Sergei L. KISELEV</i>	The role of the mammalian Tag7/PGRP-S protein in the immune response
2004	GABIBOV Alexander G.	Catalytic antibodies in multiple sclerosis: origin, potential diversity and possible role in pathogenesis
2005	GNUCHEV Nikolay V.	Tag7/PGRP-Hsp70 complex mediates cytotoxicity of LAK cells
2005	GAPONENKO Alexander K.	Development of sunflower chloroplast transformation system for obtaining highest level of transgene expression in genetically modified plants without risk for environment ( <i>closed</i> )
2008	MAKAROV Alexander A.	IsoAsp7-Abeta as potential trigger of Alzheimer's disease
2009	GABIBOV Aleksander G.	The role of B cell response in Multiple Sclerosis
2009	GNUCHEV Nikolay Vasilevich	Involvement of PGRP-S protein and its complex with Hsp70 in the cancer cells killing
2010	GEORGIEVA Sofia G.	The role of transcription factor SAYP in nuclear dependent transcription
2011	MITKEVICH Vladimir A.	Binase as a potential anticancer agent
2013	GNUCHEV Nikolay V.	Role of PGRP-S protein and its complexes with other proteins in anticancer immunodefence
2014	PETRUSHANKO Irina Yurievna	Role of Na,K-ATPase glutathionylation in cells at hypoxia
2015	KUDRYAVTSEVA Anna V.	Glycolysis regulation in tumour progression
2015	KIBARDIN Alexey V.	Investigation of the characteristic features of the Wnt pathway in human melanoma cell lines
2017	KOZIN Sergey A.	Role of zinc-driven interaction of amyloid-beta with neuronal proteins in Alzheimer's disease

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2018	GABIBOV Alexander	QM/MM Approach for remodeling of biocatalytic specificity
2020	MITKEVICH Vladimir A.	Enhancing the therapeutic potential of ribonuclease binase for tumor elimination
2021	GEORGIEVA Sofia G.	The role of distinct isoforms of PHF10 subunit of PBAF chromatin-remodeling complex in MYC dependent transcription activation
<b>SAUDI ARABIA</b>		
2020	CHOUAYEKH Hichem	Genetic dissection of the enzymatic potential of locally selected <i>Bacillus probiotic</i> strains and enzymes adaptation toward higher activity under aquaculture conditions
<b>SERBIA</b>		
1988	SAVIC Draquatin	Study of the new gene (NCU) that affects resistance to gyrase inhibitors ( <i>closed</i> )
1988	TOPISIROVIC Ljubisa	Development of vectors for gene expression in <i>Lactobacilli</i> ( <i>closed</i> )
1990	SAVIC Ana	Molecular Diagnostics of Genetic and Infectious Diseases ( <i>closed</i> )
1990	CRKVENJAKOV Radomir	Sequencing by hybridization: Method development on lambda vectors ( <i>closed</i> )
1990	GLISIN Vladimir	Genetics and protein engineering of penicillin acylase ( <i>closed</i> )
1996	LJUBIJANKIC Goran Former PI: Vladimir GLISIN	Bacterial heterodimeric penicillin G amidases in <i>Saccharomyces cerevisiae</i> ( <i>replaces and supercedes CRP/YUG90-04-R</i> )
1996	SAVIC Ana	Molecular diagnostics of genetic diseases( <i>replaces and supercedes CRP/YUG90-01</i> )
1997	ZARIC Jelena Former PI: Zvezdana POPOVIC	The hsp70 proteins in mutant cells
1999	STEVANOVIC Milena	Retinoic Acid Induction of SOX3 Gene Expression
1999	GLISIN Vladimir	Furniture for the ICGEB Practice lab in the ICGEB Affiliated Centre in Belgrade, F.R. Yugoslavia ( <i>cancelled</i> )
2000	VASILJEVIC Branka	Regulation of Gene Expression in Antibiotic Producer <i>Streptomyces Tenebrarius</i>
2002	KOJIC Milan	Regulation of gene expression in stationary phase in <i>Pseudomonas</i>
2003	STEFANOVIC Dragana	Creation and use of the library of aptamers highly specific for HsOrc <sub>4</sub>
2005	KOJIC Snezana	The role of human skeletal muscle protein Ankrd2/Arpp in striated muscle

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2006	FIRA Djordje	Molecular characterisation of bacteriocin-producing strains
2007	STEVANOVIC Milena	Regulation of human <i>SOX18</i> gene expression and its role in angiogenesis
2008	KUSIC Jelena	Structural alterations of DNA induced by initiator protein
2009	VASILJEVIC Branka	Microbial diversity in the copper mine Bor
2010	KOJIC Milan	Characterisation of large chromosomal inversion correlated with spectinomycin resistance in <i>Lactococcus lactis</i> subsp. <i>lactis</i> bv. diacetylactis S50
2011	BOZIC Natasa	Production and application of alpha-amylases from soil <i>Bacillus</i> strains
2013	BEGOVIC Jelena	Lactic acid bacteria bioactive compounds as inducers of autophagy
2014	KOJIC Milorad	Dss1's roles in genome integrity and protein oxidative damage control
2015	JOVCIC Branko	Survey for antimicrobials effective against carbapenem-resistant Gram-negative bacteria
2016	SENEROVIC Lidija	New synergistic strategy to treat chronic wound infections
2019	DIMKIC Ivica <i>Former PI: Djordje FIRA</i>	Development of bacterial inoculants for biological control of plant pathogens
<b>SLOVAKIA</b>		
2005	SKRABANA Rostislav	X-ray structure of the core of Alzheimer's disease Paired Helical Filaments (PHF)
2008	FILIPCIK Peter	Misfolded tau protein and oxidative defense system in tauopathies
2010	KOVACECH Branislav	Tau truncation: the self-renewing propagator of neurofibrillary degeneration in Alzheimer's disease
2013	DOBROTA Dusan	Molecular profiling of cancer: biomarkers of progression, therapeutics and predisposition
2016	PANIGAJ Martin	Cell-specific naked gene delivery mediated by DNA/RNA aptamers ( <i>Early Career Return Grant</i> )
2018	KOVAC Andrej	The tryptophan kynurenine pathway-therapeutic strategy for neuroprotection in tauopathies
2022	FRICOVA Dominika	Double-edged sword of Parkinson's disease: the study of extracellular vesicles as a mediator of pathology spreading and unique source of early diagnostics data

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<b>SLOVENIA</b>		
1998	KOMEL Radovan	Molecular genetic aspects of malignant growth
1999	TURK Dusan	Determination of crystal structures of dipeptidyl-peptidase I (cathespín C): in mature and zymogen forms and in complexes with a specific synthetic inhibitor and a cystatin type protease inhibitor
2000	ROZMAN Damjana	The Role of Lanosterol 14 $\alpha$ -Demethylase (CYP51) in Production of Meiosis Activating Sterols (MAS) in the Male Gonad
2002	TURK Boris	Role of PDZ domain proteins from MAGUK family in cell-cell detachment during apoptosis
2005	STERLINKO GRM Helena	Human Papillomavirus proteins and the host cell sumoylation system
2006	MAJDIC Gregor	Hormone independent sexual differentiation of the brain
2008	MANCEK KEBER Mateja	Molecular mechanism of the recognition of double stranded viral RNA mediated by TLR3
2009	FABBRETTI Elsa	Pesticides and neuronal sensitization: a pilot study
2011	LANISNIK RIZNER Tea	The role of progesterone metabolism in endometriosis
2013	BERGANT MARUSIC Martina	Understanding the molecular basis of infection by oncogenic human papillomaviruses
2014	GRADISAR Helena	Designed single-chain polypeptide- and DNA-based polyhedral nanostructures
2016	TURK Boris	Lysosomal proteases in semaphorin signaling and cell polarity
2018	HAFNER BRATKOVIČ Iva	Sonogenetics: ultrasound-inducible transcriptional regulation
2019	ROGELJ Boris	Regulation of intracellular complexes formed by dipeptide repeats from C9ORF72 mutation
2020	DE MARCO Ario	Complimentary diagnostic approaches for Covid-19
2022	KAMENSEK Urška	Development of oncolytic plasmids for cancer immunotherapy
<b>SOUTH AFRICA</b>		
2005	KOTWAL Girish J.	Host genetic factors in the progression of HIV to AIDS ( <i>closed</i> )
2006	STRAUSS Erick	Aldolase enzymes as biocatalysts for the preparation of anti-trypanosomal agents

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2007	MAYOSI Bonqani M.	Identification of genes that modify the risk of sudden death in inherited arrhythmogenic heart disease
2008	SEWELL Bryan Trevor	Structural studies of enzymes in the context of anti-malarial drug development
2011	MAYOSI Bongani M.	Genotyping and autonomic analysis of founder families with cardiomyopathy
2013	COWAN Don A.	Unravelling the sorghum root microbiome: a route to enhancing crop performance
2014	DAVIES Neil	Local, sustained non-viral RNAi delivery for heart failure therapy
2018	HAMMERBACHER Almuth	The role of insect gut microbial communities in overcoming the chemical defences of host plants by the pine emperor moth <i>Nudaurelia cytherea</i>
2019	THIMIRI GOVINDA RAJ Deepak Balaji	ValitaCHO: Faster and cheaper manufacturing of biopharmaceuticals using next generation "super" CHO cell lines generated using a novel directed evolution and synthetic biology strategy ( <i>Early Career Return Grant</i> )
2020	PRINCE Sharon	Investigation into the interaction and cooperation between the human papillomavirus oncoproteins E6/E7 with the oncogenic TBX3 transcription factor to promote cervical cancer cell proliferation and migration
2022	BABALOLA Olubukola Oluranti	Improving soybean yield and drought tolerance in South Africa ( <i>funded by MAECI-DGCS/WeSTAR</i> )
<b>SRI LANKA</b>		
1996	RAMASAMY Ranjan	Vaccination potential of merozoite surface proteins of <i>Plasmodium falciparum</i> ( <i>cancelled</i> )
2006	DE COSTA W.A.J.M.	Expression of candidate genes for salt tolerance in Sri Lankan rice germplasm
2008	HAPUGODA Menaka D.	Performance of recombinant proteins as diagnostic intermediates for Chikungunya, Dengue and Leptospirosis
2010	FERNANDOPULLE Neil Darrel	Characterisation and transfer of Drought Responsive Elements Binding (DREB) genes to rice and evaluation of their effects on drought tolerance
2013	RANAWAKE Aloka Lanka	Resolving cultivar identities in Sri Lanka traditional rice accessions using SSR markers
2017	HANDUNNETTI Shiroma Mangalika	Development of an antigen-based immunodiagnostic test for Leptospirosis
2018	ATTANAYAKE K.P. Renuka Nilmini	Genetic dissection of polyethylene degradation ability of <i>Perenniporia</i> sp. isolated from decaying hard woods in Sri Lanka
2020	WIJESINGHE Kaveesha Jayani	Investigating the role of Dengue NS1 protein in potentiating Dengue virus infection in uninfected cells by inducing changes in host plasma membrane proteome ( <i>Early Career Return Grant</i> )
<b>SUDAN</b>		
1996	EL HASSAN Ahmed M.	Genetic Epidemiology in Sudan

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1998	SIDDIG Mohamed A.M.	Application of rDNA technology in diagnosis and identification of plant parasitic nematodes infesting some cash crops in Sudan
2004	MUKHTAR Maowia M.	Proteomics of the urine of visceral leishmaniasis patients: characterisation of secreted parasite antigens as diagnostic markers
2010	MOHAMED Hiba Salah-Eldin	Genetic epidemiology of common cancers in East Africa
<b>SYRIA</b>		
2005	SAOUR George	Evaluation of insect resistant transgenic sugarbeet expressing <i>Bacillus thuringiensis</i> toxins
2007	AL-MARIRI Ayman	Bioconversion of wastewater sludge to produce <i>Bacillus thuringiensis</i> biopesticide
2010	AL-DAOUDE Antonious	Functional characterisation of RecQ homologues in <i>Arabidopsis thaliana</i> ( <i>closed</i> )
2011	ABBADY Abdul-Qader	Application of nanobody technology in the diagnosis of Leishmaniasis in Syria
<b>TANZANIA</b>		
2004	KITUA Andrew Yonah	A study on plants as a source of anti-mosquito and anti-malaria products in Tanzania
2013	HAMISY William Chrispo	Identification of molecular markers for biotic and abiotic stress genes in Finger millet ( <i>closed</i> )
2018	CHILONGOLA Jaffu Othniel	Inter-epidemic Transmission Dynamics of Rift Valley, Dengue and Chikungunya viruses in Tanzania
2019	NKYA Siana	Comparative study of Sickle Cell Disease modifiers in Ghana, Nigeria and Tanzania; investigation of fetal hemoglobin parameters and clinical manifestation
<b>TRINIDAD AND TOBAGO</b>		
2016	HARAKSINGH Rajini	Genetic contributors to Diabetes Mellitus in Indo-Trinidadians ( <i>Early Career Return Grant</i> )
2019	RAMBARAN Varma H.	The synthesis and testing of novel drugs for the treatment of Diabetes Mellitus
<b>TUNISIA</b>		
1991	BEJAR Samir	Overexpression and secretion of glucose isomerase of <i>S. violaceoniger</i> and <i>S. olivochromogenes</i>
1991	GARGOURI Radhia	Production of transgenic potato plants resistant to potato virus Y
1991	GARGOURI Ali Fawzi	Cloning and modifications of cellulases genes
1993	JAOUA Samir	<i>Bacillus thuringiensis</i> in crop protection: strains isolation and molecular characterization and production of the entomocidal toxins

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1994	MOKDAT-GARGOURI Raja	Production of recombinant human p53 protein and monoclonal anti-p53 antibodies for cancer diagnosis
1995	FATHALLAH Dahmani M.	Large scale production of soluble recombinant (SR) adhesion molecules CD11b/CD18 and CD 35: Assesment of their anti inflammatory and thrombo-occlusive, activities <i>in vivo</i> using two animal models
1999	AYADI Hammadi	Susceptibility gene localization in Thyroid Autoimmune Diseases (TAD)
2000	BEJAR Samir	Correlation between the aa Sequence and the Physico-chemicals Properties of Three Enzymes involved in the Glucose and Fructose Production
2004	AYADI Hammadi	Molecular study of susceptibility genes to autoimmune diseases
2006	MLIKI Ahmed	Major genes conferring tolerance to salinity in Tunisian grapevine
2009	KALLEL H�ela	Development of a novel vectored vaccine against Hepatitis E using Adeno-Associated Virus expressing truncated HEV capsid protein
2011	MASMOUDI Saber	Microarray-based system for the detection of North African mutations
2015	GARGOURI Mahmoud	Characterization of Mycorrhizal symbiotic interface in prickly pear for enhancing growth and stress tolerance of economically important-Mediterranean crops ( <i>Early Career Return Grant</i> )
<b>T�URKIYE</b>		
1993	BAGCI Huseyin	Determination of the Spectrum of b- thalassemia genes by use of Southern and Dot-Blot analysis of amplified $\beta$ -globin DNA from heterozygous subjects in Antalya-Turkey
1994	YURDUSEV Nevzat	Production of recombinant human p53 protein and monoclonal anti-p53 antibodies for cancer diagnosis
1997	�ZT�URK Mehmet	Viral etiology of chronic liver disease in Turkey
1998	Y�KSEL-APAK Memnune	Establishing a center of molecular cardiac arrhythmia: analysis of molecular and electrophysiological characteristics of inherited cardiac arrhythmia
1999	MANDACI Sevnur	Novel Electron Carriers in Rhodobacter species
2002	YAVUZER Ugur	Identification of the role of the nuclear matrix in maintenance of genomic integrity ( <i>cancelled</i> )
2004	�ZCELİK Tayfun	Identification of the molecular mechanisms in Rett syndrome
2007	AKKAYA Mahinur S.	Identification and functional assessment of the genes involved in response to yellow rust infection in wheat
2009	CEVHER KESKIN Birsen	Microarray analysis and functional characterization of drought stress related genes in wheat
2010	TOPALOGLU Ali Kemal	Identification of novel genes taking part in human puberty

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2014	SARIBASAK Huseyin	Involvement of APE1/REF1 during maturation of B cells ( <i>closed</i> )
2015	KOCABAS Fatih	Development of hematopoietic stem cell expansion technologies ( <i>Early Career Return Grant</i> )
2016	UNVER Turgay	Wheat eTMs and roles on miRNA activity under drought stress ( <i>closed</i> )
2017	KOCA CAYDASI Ayse	Functional and molecular characterization of novel mitotic exit inhibitors ( <i>Early Career Return Grant</i> )
2018	YAZICI Hilal	Cetuximab-mediated molecular targeted cancer therapy through nanoceria
2020	ACILAN AYHAN Ceyda	Is epigenetic regulation of lysosomal sequestration and exocytosis of cisplatin a new target of improving cancer therapy?
2021	FIRAT KARALAR Elif Nur	Dissecting the molecular underpinnings of centriole amplification in multiciliated epithelial cells
2022	OZLU Nurhan	Investigating the EML1-microtubule cytoskeleton interaction in heterotopia
<b>UNITED ARAB EMIRATES</b>		
2008	HASSAN Ahmed H.	Studying chromatin-modifying proteins in transcription regulation
<b>URUGUAY</b>		
1997	EHRlich Ricardo	Molecular approaches to <i>Echinococcus Granulosus</i> host adaptation
1998	RADI Rafael	Peroxynitrite scavengers for the inhibition of oxidative stress mediated injury
2006	RADI Rafael	MmPorphyrins in the protection against peroxynitrite-mediated injury
2007	MONTESANO Marcos	Modulation and characterisation of potato defence
2008	OSINAGA Eduardo	Design of anti-tumour vaccine by glycoprotein engineering
2009	RUBBO Homero	Nitroarachidonic acid: A novel anti-inflammatory nitrated lipid
2011	AGUILAR Pablo S.	Yeast mating as a model for cell-cell fusion
2014	COMINI Marcelo Alberto	The thioredoxin-fold diversity in trypanosomatids and tapeworms
2017	BATTISTONI Federico	Decoding the molecular interaction between the plant growth promoting bacteria <i>Streptomyces</i> sp. UYFA156 and its host <i>Fescue arundinacea</i>



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2018	DÍAZ Álvaro	Novel mechanisms of inflammatory macrophage proliferation
2019	PELUFFO Hugo	CD300f immune receptors in neuroinflammation and neuroplasticity: role for behavioral alterations relevant for major depression disorder
2020	LÓPEZ Gloria Virginia	Focused drug discovery against SARS-CoV-2: Targeting cell invasion and replication
2021	SIGNORELLI Santiago	Tweaking proline metabolism in plants to increase their tolerance to stress ( <i>Early Career Return Grant</i> )
2022	SMIRCICH Pablo	The role of trypanosome RNA binding protein TcUBP1 in post-transcriptional regulation
<b>VENEZUELA</b>		
1990	PEREZ Hilda A.	A pilot project of the application of nucleic acid probes to malaria diagnosis in Venezuela ( <i>closed</i> )
1992	INFANTE Dioqenes	Introduction of tomato yellow mosaic virus resistance in tomato by methods of cell and genetic engineering ( <i>closed</i> )
1993	DOMINGUEZ BELLO Maria Gloria	Study of the digestive microflora as a tool for overcoming nutritional constraints of tropical legumes
1994	PIVEN Nickolai	Development and improvement of methods for plant regeneration and transformation in commercially important crops from the <i>Solanaceae</i> family ( <i>closed</i> )
1995	SAN-BLAS Gioconda	Molecular studies on the dimorphism of <i>Paracoccidioides brasiliensis</i>
1997	TAKIFF Howard E.	Regulatory elements in the initiation of DNA replication in mycobacteria
1999	PÉREZ-SCHAEL Irene	Characterization of rotavirus-specific human T and B cells by ELISPOT
2000	SAN-BLAS Gioconda	Strain-typing and Evolution of the Fungal Human Pathogen <i>Paracoccidioides brasiliensis</i> . Understanding the Phylogenetic and Morphological Species Concept in it ( <i>funded 2001</i> )
2005	NIÑO-VEGA Gustavo	Analysis of $\alpha$ -1,3-glucan synthesis in <i>Paracoccidioides brasiliensis</i>
2011	FERNÁNDEZ MESTRE Mercedes	Study of genetic susceptibility of infectious diseases
2013	RODRIGUEZ-ACOSTA Francisco Alexis	Molecular cloning and characterisation of metalloproteinases and disintegrins, with therapeutic potential, encoded by cDNAs from venom glands of Venezuelan <i>Bothrops colombiensis</i> snake
<b>VIET NAM</b>		
1999	VU Duc Quang	Mapping of brown planthopper resistance genes for the use in rice breeding ( <i>closed</i> )
2000	VO Thi Thu	Isolation molecular characterisation and application of <i>Bacillus thuringiensis subsp. israelensis</i> for mosquito larvae control in Viet Nam ( <i>funded 2001</i> )

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2005	LE Thanh Hoa	Molecular understandings of zoonotic Clonorchiasis, Opisthorchiasis, human Fascioliasis and Fasciolopsiasis in Viet Nam
2006	PHAM Xuan Hoi	Identification and characterisation of salinity and dehydration responsive genes encoding transcription factors in rice to use as molecular tools for conferring abiotic stresses tolerance in plants
2011	LE Thanh Hoa	Mitogenomic analysis of neglected tropical parasitic heterophyid and paragonimid zoonoses for diagnostic and epidemiological application in Viet Nam
2013	NGUYEN BAO Quoc	Host induced gene silencing in the rice blast fungus <i>Magnaporthe oryzae</i>
2015	NGUYEN Chanh D.M. <i>Former PI: Truyen Ngoc QUACH</i>	Co-expression of the <i>Arabidopsis AVP1</i> and <i>NHX1</i> to enhance salt tolerance in transgenic soybean ( <i>Glycine max</i> (L.) Merrill) ( <i>Early Career Return Grant</i> )
2017	MAI Hanh Hong	Development a simple, low-cost, high sensitivity fluorescent biosensor for hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ), glucose and cholesterol sensing based on ZnO nanorods decorated metal nanoparticles
2018	NGUYEN Xuan-Hung	Identification of target autoantigens for narcolepsy type I ( <i>Early Career Return Grant</i> )
2019	KHONG Nqan Giang	Characterization of a GWAS-derived QTL for yield-related traits in Vietnamese landraces suitable for local rice breeding program