

MEMBER COUNTRY:**National Report to SCAR for year: 2014**

Activity	Contact Name	Address	Telephone	Fax	Email	Website
National SCAR Committee						
	Uruguayan Antarctic Institute	8 de Octubre 2958, Montevideo Uruguay, Zip code 11600	(598)24878341-43	Fax(598)24876004	antartic@iau.gub.uy cientifica@iau.gub.uy	www.iau.gub.uy
SCAR Delegates						
1) Delegate	Prof.Dr.Bartolome A.Grillo	8 de Octubre 2958, Montevideo Uruguay, Zip code 11600	(598) 24878341-43	(598) 24876004	info@seakrill.com	www.iau.gub.uy
2) Alternate Delegate	Lic. Juan Abdala	8 de Octubre 2958, Montevideo Uruguay, Zip code 11600	(598) 24878341-43	(598) 24876004	jabdala@iau.gub.uy	www.iau.gub.uy
Standing Scientific Groups						
Life Sciences						
1) 2) 3) 4)	Silvia Batista	Instituto de Investigaciones Biológicas Clemente Estable, Av. Italia 3318 CP 11600, Montevideo, Uruguay	(598) 24871616	(598) 24875461	silvia@iibce.edu.uy	http://www.iibce.edu.uy/
Geosciences						
1) 2) 3) 4)						
Physical Sciences						
1) 2) 3) 4)						

Activity	Contact Name	Address	Telephone	Fax	Email	Website
Scientific Research Program AAA 1) 2) 3) 4)						
AntEco 1) 2) 3) 4)						
AnT-ERA 1) 2) 3) 4)						
AntClim21 1) 2) 3) 4)						
PAIS 1) 2) 3) 4)						
SERCE 1) 2) 3) 4)						

Activity	Contact Name	Address	Telephone	Fax	Email	Website
Standing Committees						
1) SCADM 2)						
1) SCAGI 2)						
Other Groups (optional)						
SOOS						

Scientific Highlights 2013-14

Research	General Objective	Locality	Duration	Contact Name	Address	Email
Assessing the impact of domestic effluents in Artigas Base (King George Island), by chemical and microbiological indicators	Assess domestic effluent contamination in sediments from different environments (land, sea and lake) near the Artigas Antarctic Scientific Base by using molecular biomarkers (steroids) and microbiological indicators.	King George Island	2013-2014	Ernesto Brugnoli	Sección Oceanografía y Ecología Marina Instituto de Ecología y Ciencias Ambientales. Facultad de Ciencias. Universidad de la República. Igua 4225 Esq. Mataojo CP 11400, Montevideo, Uruguay	ebo@fcien.edu.uy
Assessment of ecological status of Antarctic lakes in the area of influence of Artigas Antarctic Scientific Base	To assess the ecological status of Antarctic lakes in the area of influence of the Artigas Antarctic Scientific Base, according to the composition and abundance of benthic fauna. Contribute to the knowledge of this microbial biodiversity in this region.	King George Island	2013-2014	Ana Verdi	Sección Entomología. Facultad de Ciencias. Universidad de la República. Igua 4225 Esq. Mataojo CP 11400,	averdi@fcien.edu.uy
Isolation and identification of Antarctic microorganisms producers of extracellular lipases. Possible application to the synthesis of biodiesel.	Isolate and identify microorganisms in soils and ocean waters and Antarctic mainland and establish their biotechnological potential in the synthesis of biodiesel. Promote biocatalytic processes as an alternative to chemical processes traditional.	King George Island	2013-2014	Gabriela Irazoqui	Facultad de Química. Universidad de la República. Av. Gral. Flores 2124. CP 11800	mgidrv@fq.edu.uy
Survey of the insect fauna in the area of influence of the Artigas Base	Knowing the diversity of insects in the area of influence of Artigas Antarctic Scientific Base and propose bioindicator species for studies of environmental monitoring	King George Island	2013-2014	Enrique Morelli	Facultad de Ciencias. Universidad de la República. Igua 4225 Esq. Mataojo CP 11400,	emorelli@fcien.edu.uy
Bioprospecting and identification of filamentous fungi of Antarctica potential producers of antimicrobial metabolites	Select and identify strains of filamentous fungi from Antarctica potential producers of antimicrobial metabolites.	King George Island	2013-2014	Silvana Alborés	Facultad de Química. Universidad de la República. Av. Gral. Flores 2124. CP 11800	salbores@fq.edu.uy
Composición y estructura de la Artrópodo-fauna en áreas cercanas a la Base Científica Antártica Artigas	Study composition and structure of the fauna of ground and aerial arthropods present in areas near Artigas Antarctic Scientific Base.	King George Island	2013-2014	Álvaro Laborda	Sección Entomología. Facultad de Ciencias. Universidad de la República. Igua 4225 Esq. Mataojo CP 11400,	alaborda@fcien.edu.uy
Isolation of Antarctic microorganisms pigment producers	It seeks to select heterotrophic microorganisms present pigmentation, with prospects for developing the production of microbial carotenoids.	King George Island	2013-2014	Verónica Saravia Silvera	Facultad de Ingeniería. Universidad de la República. Julio Herrera y Reissig 565 CP 11300	vsaravia@fing.edu.uy

Assessment of the impacts of the Antarctic bases in aquatic ecosystems of the Fildes Peninsula	We have three main objectives: to establish pre-impact conditions in the lakes of Fildes Peninsula; determine the changes that occurred in these lakes due to the presence of Antarctic bases; and assist in monitoring lakes that supply drinking water to the bases.	King George Island	2013-2014	Dermot Antoniades	Facultad de Ciencias. Universidad de la República. Igua 4225 Esq. Mataojo CP 11400,	dermot.antoniades@cen.ulaval.ca
Molecular analysis of gastroenteric virus on wildlife and the environment in Antarctica	Detect and molecularly characterize the gastroenteric viruses in populations of pinnipeds (mainly phocids) and seabirds of Antarctic wildlife, and assess their environmental spread through water and contribute to establish the possible roll of Antarctica in the generation of new viral variants.	King George Island	2013-2014	Matías Victoria	Laboratorio de Virología Molecular, Regional Norte - sede Salto, Universidad de la República. Laboratorio de Virología Molecular, Centro de Investigaciones Nucleares, Facultad de Ciencias, Universidad de la República	matvicmon@yahoo.com