



RIO18
21st World Congress
of Soil Science

21 WORLD CONGRESS OF SOIL SCIENCE
Sunday 12 – Friday 17 August 2018
Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

POSTER SESSION – DIVISION 2

Thursday (Aug, 16)		TOTEN 10	
C2.3.2 C2.3.3		Molecular techniques as a useful tool to reveal soil biodiversity and biotechnological potential of microbial genomes Rhizosphere mineral dynamics: soil-plant-microorganism	
Schedule	ID	Title	Presenter
13:30 – 13:40	996	Soil Bacterial and Archaeal community largely reflects changes in soil properties induced by sheep grazing in an arid shrubland of Patagonia	Magali S. Marcos
13:40 – 13:50	1434	Structure of the microbial community in a saline soil from semi-arid region of Pernambuco.	Emanuelle Maria da Silva
13:50 – 14:00	2456	Survey of the bacterial community in soils of fruit orchards from all over Japan.	Andre Freire Cruz
14:00 – 14:10	2489	The microbiome of the high-alpine permafrost and its response to warming	Beat Frey
14:10 – 14:20	2323	Toward a development of bacterial colonization modelling of soil particles: Effect of humic acids on the formation of nitrogen-fixing bacteria biofilms	María E. Berrio
14:20 – 14:30	217	What controls the spatial distribution of microbial communities in agricultural fields?	Bernie Zebarth
14:30 – 14:40	2728	Abundance of N-fixing and nitrifying microorganisms in soybean rhizosphere under the influence of soil cronossequences	Luis Fernando Merloti
14:40 – 14:50	2891	Aggregation of soil is influenced by the use of inoculants with arbuscular mycorrhizal fungi?	Marisângela Viana Barbosa
14:50 – 15:00	2839	ALELOPATIC EFFECT OF AQUEOUS EXTRACTS FROM PIG BEAN PLANTS ON THE MAMONE SEED GERMINATION	Janildes de Jesus da Silva
15:00 – 15:10	3097	Allelopathic extracts of Canavalia ensiformis in the Emergence of Ricinus communis L.	Andreza de Jesus Correia



Brazilian Soil Science Society



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