

Awarded Projects for Iran-Switzerland Research Seed Money Grants 2018-2019

No.	Country of application	Project title	Institute in Switzerland	Researcher in Switzerland	Institute in Iran	Researcher in Iran
1	Iran	MEMS-based sensor for vibration detection in drilling operation in the Oil and Gas industry	EPFL	Luis Guillermo Villanueva	Urmia University	AmirMousa Abazari Ghader Rezazadeh
2	Iran	A feasibility study to develop an OCT-based ocular health kiosk to diagnose Diabetic Retinopathy	University of Basel	Azhar Zam	Isfahan University of Medical Sciences	Hossein Rabbani
3	Iran	Iranian Language Teachers as Global Citizenship Educators	University of Teachers Education Zurich	Samir Boulos	Shahid Rajaei Teacher Education University Tehran.	Farhad Ghorbandordnejad
4	Iran	The Learning Factory for Cyber Physical Production Systems	Zurich University of Applied Sciences	Hans Wernher van de Venn	Isfahan University of Technology, University of Isfahan, University of Tehran	Ashrafizaadehm , Ghaisari, Mosaddeghm Karimpour et al.
5	Iran	Launching a hydropolitical decision support dashboard based on system dynamics modelling: Case study the Helmand transboundary river between Iran and Afghanistan	University of Geneva	Christian Bréthaut	University of Tarbiat Modares	Mohammadreza Shahbazbegian
6	Iran	Development a biotic index for Karun River based on macroinvertebrate and fish assemblages	SUPSI	Andreas Bruder	Isfahan University of Technology	Eisa Ebrahimi
7	Switzerland	Genome Wide Association Mapping of Stripe Rust Resistance in Wheat	Agroscope	Mascher	Shiraz University	Dadkhodaie
8	Switzerland	Multifunctional Mineral Binders for the Production of Advanced Wood-Based Products	Bern University of Applied Sciences (BFH)	Thoemen	Tarbiat Modares University	Shalbahfan
9	Switzerland	Enhanced method for in situ rock burst prediction based on early detection of crack initiation using a novel type of fiber optic acoustic emission sensor.	University of Applied Sciences and Arts of Southern Switzerland (SUPSI)	Gardenghi	Amirkabir University of Technology (Tehran Polytechnic)	Kamali, Bandpey
10	Switzerland	Antimalarial Drug-Discovery of Natural Compound, Perovskone, with Semisynthetic Modifications	Swiss TPH	Kaiser	Shahid Beheshti University	Moradi, Farimani
11	Switzerland	Distant versus close language-pair bilingualism: does language distance affect the effective connectivity between language and control systems?	University of Fribourg	Annoni	Institute for research in fundamental sciences (IPM)	Radman
12	Switzerland	Blood-brain barrier transport of targeted nanoparticles	University of Basel	Huwlyer	Shiraz University of Medical Sciences	Dehshahri
13	Switzerland	Status of the implementation of the World Health Organization multimodal hand hygiene strategy in Iran health care facilities	Geneva University Hospitals	Pittet	Mashhad University of Medical Sciences	Aelami
14	Switzerland	Predicting diabetes: a first step for efficient prevention	University of Lausanne	Marques-Vidal	Shahid Sadoughi University of Medical Sciences	Mirzaei
15	Switzerland	Development of a sexual quality of life scale for the postpartum period and assessment of its psychometric properties	Zurich University of Applied Sciences	Grylka-Baesclin	Tehran University of Medical Sciences	Rahmani
16	Switzerland	Investigating the potential causes leading to narcolepsy with cataplexy in Iranian patients	University of Lausanne	Seifinejad Tafti	Tehran University of Medical Sciences	Sadeghniaat Haghghi