



## LEADING HOUSE FOR THE MIDDLE EAST AND NORTH AFRICA RESEARCH PARTNERSHIP GRANTS 2023 – AWARDED PROJECTS

Project title	Swiss main applicant	Academic partner in the MENA region
Compétences globales dans l'enseignement supérieur: regards croisés Suisse-Maroc et perspectives de recherche	Lamia Ben Hamida, HES-SO	Amel Nejjari, Université Abdelmalek Essaadi, Morocco
New Interconnection Perspectives for Electrical Energy Exchange between Europe and North Africa	Petr Korba, ZHAW	Mokhtar Benasla, Université Ibn Khaldoun de Tiaret, Algeria
Deciphering orbital and suborbital signatures from lacustrine sediments: Insights into the MIS-3 and the Last Termination in Northwest Africa	Heather Stoll, EPFZ	Yassine Ait Brahim, Université Mohammed VI Polytechnique, Morocco
Efficacy of DNA polymerase inhibitors in breast cancer using breast intraductal mouse model	Cathrin Brisken, EPFL	Nadine Darwiche, American University of Beirut, Lebanon
Méthodes numériques pour la prédiction des déformations et l'anticipation des retraits thermiques en fabrication additive. Def@Fab	Eric Boillat, HES-SO	Sana Koubaa, Université de Sfax, Tunisia
Characterizing human adipose stem and precursor cells at the single nucleus level in obese and diabetic patients	Bart Deplancke, EPFL	Meritxell Espino-Guarch, Sidra Medicine, Qatar
Wood Anatomy-based Hydroclimatic Reconstruction for Enhancing Understanding of Climate Variability in the MENA Region	Patrick Fonti, WSL	Université de Gabès, Tunisia ; INRF, Algeria ; Ecole Nationale Forestière d'Ingénieurs, Salé, Morocco
Youth in crisis: A cross-cultural investigation of the mental health problems faced by the young people in Lebanon and Switzerland	Chantal Martin-Soelch, Université de Fribourg	Nadine Zalaket, Université Saint-Esprit de Kaslik, Lebanon
Immersive Imperfection	Simone Stürwald, OST	Christian Schmitt, German University Cairo, Egypt
Recherche-Action: Elaboration d'un référentiel des compétences pédagogiques des enseignant·e·s-chercheur·e·s de l'enseignement supérieur agricole en Tunisie	Marc Laperrrouza, EPFL	Thouraya Souissi, IRESA, Tunisia
Development of a prototype of low-tech, space efficient soilless cultivation (aquaponics) for refugee camps in Jordan	Zala Schmautz, ZHAW	National Agricultural Research Center, Jordan
Preliminary study: valorization of camel milk through improved feeding with by-products and development of high potential dairy products	Pascale Waelti Maumier, BFH	Said Gharby, Université Ibn Zohr, Morocco
Pile à combustible	Moncef Justin Lalou HES-SO	Bechara Nehme, Université Saint-Esprit de Kaslik, Lebanon

