## **Projects COST 2021**

| Applicant                        | Gender | Project Title   | Affiliation         |
|----------------------------------|--------|---|---------------------|
| Zancolli, Giulia                 | f      | Pioneering a new field of research: Venom evo-devo  | UNIL                |
| Wiggenhauser,<br>Matthias        | m      | Isotope Fingerprints for Deciphering the Role of Chelating Thiols to separate Zinc from Cadmium in Plants (IsoThiolPrint)   | ETG                 |
| Wernli, Heini                    | m      | An object-based evaluation of the forecast uncertainty of Mediterranean cyclones and their associated surface weather extremes  | ETH Domain          |
| Utke, Ivo                        | m      | Tracing electron-induced surface reactions of organometallic adsorbates for 3D nanoprinting (TRAESUR)   | ETH Domain          |
| Sykiotis Gerasimos               | m      | A lipidomics approach to dissect the mechanisms of thyroid autoregulation.  | UNIL                |
| Schneider Voirol,<br>Marie-Paule | f      | Implementation of a new model of care for supporting adherence in people starting a new medication for a long-term condition (myCare Start project) - An implementation-effectiveness science study | UniGE               |
| Romppainen-Martius,<br>Olivia    | f      | Compound weather events associated with Mediterranean Cyclones - climatology and large-scale climate drivers (COMPOUND-MED)   | UniBE               |
| Raible, Christoph C.             | m      | Characterization and process understanding of extreme cyclones in the Mediterranean during the late Holocene (HARPYIE)  | UniBE               |
| Lehmann, Marco                   | m      | Disentangling the isotopic signal transfer from source water to tree rings (TreeWater)  | ETH Domain          |
| Landoni, Monica                  | f      | TADAA, Tools for Assessing and Developing Affecting & Attractive Narratives for Girls in Informatics  | USI                 |
| Karger, Dirk Nikolaus            | m      | Advantages of downscaling climate to high resolution for climate change impact studies  | ETH domain<br>(WSL) |
| Horsch, Antje                    | f      | Associating basic and clinical science to reduce childbirth-related traumatic flashbacks and posttraumatic stress   | UNIL                |
| Díaz Yáñez, Olalla               | f      | Unravelling the uncertainties of predictions of natural disturbances on landscape vegetation patterns   | ETH                 |
| Dasen, Véronique                 | f      | "Fashion in the West": Bodies, Dress and Identities in Apulian Iconography (5th-3rd cent.BC.)   | UniFR               |
| Da Silva Lima, Ricardo<br>J.     | m      | Are PEDs a suitable instrument to govern the Swiss energy transition?   | HEPIA               |
| Croll, Daniel                    | m      | Catching epigenetic pathogen evolution in action  | UniNE               |
| Chanson, Marc                    | m      | Role of latrophilin-2 in the hyperproliferative phenotype of repairing cystic fibrosis airway epithelial cells  | UniGE               |

| Boyarkine, Oleg   | m | Quantification of lipid enantiomers by IR/UV-MS fingerprinting using single chiral standards                           | EPFL         |
|-------------------|---|--|--------------|
| Bischof, Sylvain  | m | From Fundamental Epigenetic Mechanisms to Plant Breeding   | UniZH        |
| Benettin, Paolo   | m | Tracing the origins of transpired waters: theoretical developments and application to a vineyard in the Chianti region | EPFL         |
| Amati, Francesca  | f | Unraveling lipotoxicity, from subcellular mechanistic cues to clinical signatures                                      | UNIL         |
| Alet, Pierre-Jean | m | Positive Energy District Algorithms for Load forecasting and Optimal dispatch (PEDALO)                                 | Other (CSEM) |