**Annex 1**

Keywords related to each Technology Readiness Level (TRL)

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| **TRL 1** | **TRL 2** | **TRL 3** | **TRL 4-5** | **TRL 6-9 (clinical trials)** |
| * alcohol * bark * domestication * drug screening * flower * fruit * inbreeding * latex * leaf * oil * plant extract * plant stem * sap * Secondary metabolites * seed * traditional knowledge | * alkaloid * carbon nuclear magnetic resonance * chemical composition * Chromatography, High Pressure Liquid * drug isolation * drug mechanism * drug structure * drug synthesis * electrospray mass spectrometry * flavonoid\* * fractionation * gas chromatography * high performance liquid chromatography * HPLC-UV * isolation and purification * LC-MS * mass fragmentography * mass spectrometry * Molecular Structure * monoterpene * phenol derivative * Phenols * Polyphenols * proton nuclear magnetic resonance * Secondary metabolites * sesquiterpene * substance isolation * tandem mass spectrometry * Triterpene * Volatile oil | * amastigote * Amphotericin * animal cell * animal tissue * Anti-Bacterial Agents * Anti-Infective Agents * Anti-Inflammatory Agents * antifungal activity * antiinfective agent * antiinflammatory agent * antimalarial agent * antimicrobial activity * antineoplastic activity * antineoplastic agent * antioxidant * Antiprotozoal Agents * antitrypanosomal agent * apoptosis * biological activity * cancer * cell culture * cell line * Cell Line, Tumor * cell proliferation * cell survival * cell viability * concentration response * Cytotoxicity * Disk Diffusion Antimicrobial Tests * Dose-Response Relationship, Drug * drug activity * drug efficacy * enzyme activity * Enzyme inhibition * Escherichia coli * gastrointestinal disease * growth inhibition * growth, development and aging * IC 50 * IC50 * in silico * in vitro * inflammation * Inhibitory Concentration 50 * Leishmania * macrophage * Macrophages, Peritoneal * Malaria * mic - minimum inhibitory concentration * Microbial Sensitivity Tests * micronucleus test * nitric oxide * nonhuman * oxidative stress * Parasitic Sensitivity Tests * parasitology * peritoneum macrophage * Plasmodium falciparum * preclinical study * promastigote * Staphylococcus aureus * Trypanocidal Agents * Trypanosoma cruzi | * Amphotericin * Dose-Response Relationship, Drug * nitric oxide * drug efficacy * antineoplastic agent * cell viability * antineoplastic activity * concentration response * Macrophages, Peritoneal * inflammation * cell proliferation * apoptosis * Anti-Inflammatory Agents * growth inhibition * growth, development and aging * gastrointestinal disease * preclinical study * controlled study * Animals * mouse * Mice * animal experiment * adult * rat * In vivo * aged * Mus * Wistar * middle aged * Drug Evaluation, Preclinical * hot plate test * forced swimming test * Pre-clinical toxicology evaluation * Preclinical | * Dose-Response Relationship, Drug * major clinical study * clinical trial * clinical assessment * clinical evaluation * clinical feature * clinical outcome * clinical trial (topic * clinical competence * clinical practice * clinical protocol * Clinical studies * phase 2 clinical trial * phase 3 clinical trial * Clinical investigation * clinical observation * clinical research * Clinical routine * Clinical Trials * phase 1 clinical trial * phase 2 clinical trial |