



Topic	Key words	Target Audience	Speaker			
1. Human Biology & Medicine						
1.1	Fighting the enemy inside out: the implication of bacteria microbiota in invasive infection	commensal, probiotics, innate immunity, pathogen, infection, antibiotic resistance, human upper respiratory tract	teenagers, adults	Chung-Chi Chang	PhD Student	Dept. of Infectious Diseases & Hospital Epidemiology USZ & UZH
1.2	Gut microbiome, antibiotic resistance, vaccination, new vaccines	Vaccine, antibiotics, bacteria, microbiota, metabolic diseases, neonatal health, salmonella, E. coli, breath analysis	children, teenagers and adults	Prof. Emma Slack	Laboratory for Mucosal Immunology	Dept. of Health Sciences and Technology ETH
2. Engineering and Biology						
2.1	Tissue Engineering	substitutes, wound healing, macrophage, Regenerative Medicine and Immunotherapy	children, teenagers and adults	Muhammad Zohaib Iqbal	PhD Student	Tissue Biology Research Unit Children's Hospital Zurich & UZH
3. Environmental Sciences						
3.1	Biodiversity	A brief history of life on planet Earth. Why are there so many species? Species depend on each other. The services of Biodiversity	children	Prof. Jordi Bascompte		Dept. of Evolutionary Biology and Environmental Studies UZH



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4. Plant Sciences			
4.1 Plant Microbiology	plants, rhizosphere, bacteria, microorganisms, agriculture	children, teenagers and adults	Dr. Marta Torres Postdoctoral researcher Dept.of Plant and Microbial Biology UZH
5. Palaeontology			
5.1 Evolutionary Biology	fossils, evolution, species, phylogenies, diversification, extinction	children, teenagers and adults	Dr. Bethany Allen Postdoctoral researcher Dept. of Biosystems Science and Engineering ETH