I CONVEGNO AISSA#UNDER40

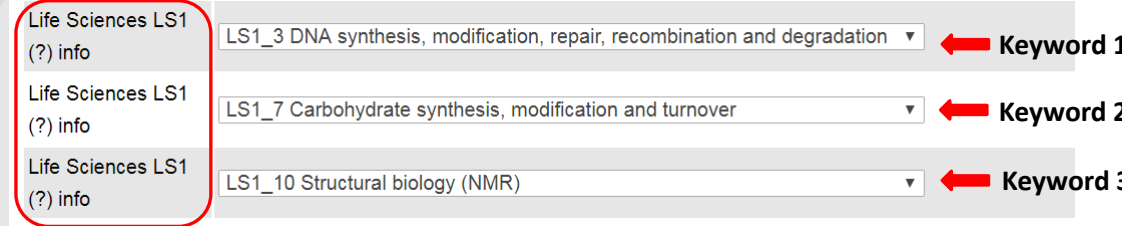## Acqua e Agricoltura

Questionario informativo
(la compilazione va effettuata al seguente link)

Nome	
Cognome	
Data di nascita (età)	
Università/Centro di ricerca	
Dipartimento/Istituto di afferenza	
Indirizzo del Dipartimento/Istituto di afferenza	
Ruolo ricoperto (es. dottorando, borsista, assegnista, RTDa, RTDb)	
Settore scientifico disciplinare	
Società scientifica di afferenza	
Contatto mail	
Contatto skype	
Telefono	

Descriversi indicando 1 settore ERC e massimo 3 keywords all'interno del settore scelto
(la compilazione va effettuata al seguente link come di seguito indicato in esempio)

Es. settore ERC LS1

Life Sciences
LS1 Molecular and Structural Biology and Biochemistry: Molecular synthesis, modification and interaction, biochemistry, biophysics, structural biology, metabolism, signal transduction
LS1_1 Molecular interactions
LS1_2 General biochemistry and metabolism
LS1_3 DNA synthesis, modification, repair, recombination and degradation
LS1_4 RNA synthesis, processing, modification and degradation
LS1_5 Protein synthesis, modification and turnover
LS1_6 Lipid synthesis, modification and turnover
LS1_7 Carbohydrate synthesis, modification and turnover
LS1_8 Biophysics (e.g. transport mechanisms, bioenergetics, fluorescence)
LS1_9 Structural biology (crystallography and EM)
LS1_10 Structural biology (NMR)
LS1_11 Biochemistry and molecular mechanisms of signal transduction

LS2 Genetics, Genomics, Bioinformatics and Systems Biology: Molecular and population genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, systems biology, genetic epidemiology

LS2_1 Genomics, comparative genomics, functional genomics

LS2_2 Transcriptomics

LS2_3 Proteomics

LS2_4 Metabolomics

LS2_5 Glycomics

LS2_6 Molecular genetics, reverse genetics and RNAi

LS2_7 Quantitative genetics

LS2_8 Epigenetics and gene regulation

LS2_9 Genetic epidemiology

LS2_10 Bioinformatics

LS2_11 Computational biology

LS2_12 Biostatistics

LS2_13 Systems biology

LS2_14 Biological systems analysis, modelling and simulation

LS3 Cellular and Developmental Biology: Cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals, stem cell biology

LS3_1 Morphology and functional imaging of cells

LS3_2 Cell biology and molecular transport mechanisms

LS3_3 Cell cycle and division

LS3_4 Apoptosis

LS3_5 Cell differentiation, physiology and dynamics

LS3_6 Organelle biology

LS3_7 Cell signalling and cellular interactions

LS3_8 Signal transduction

LS3_9 Development, developmental genetics, pattern formation and embryology in animals

LS3_10 Development, developmental genetics, pattern formation and embryology in plants

LS3_11 Cell genetics

LS3_12 Stem cell biology

LS4 Physiology, Pathophysiology and Endocrinology: Organ physiology, pathophysiology, endocrinology, metabolism, ageing, tumorigenesis, cardiovascular disease, metabolic syndrome

LS4_1 Organ physiology and pathophysiology

LS4_2 Comparative physiology and pathophysiology

LS4_3 Endocrinology

LS4_4 Ageing

LS4_5 Metabolism, biological basis of metabolism related disorders

LS4_6 Cancer and its biological basis

LS4_7 Cardiovascular diseases

LS4_8 Non-communicable diseases (except for neural/psychiatric, immunity-related, metabolism-related disorders, cancer and cardiovascular diseases)

LS5 Neurosciences and Neural Disorders: Neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological and psychiatric disorders

LS5_1 Neuroanatomy and neurophysiology

LS5_2 Molecular and cellular neuroscience

LS5_3 Neurochemistry and neuropharmacology

LS5_4 Sensory systems (e.g. visual system, auditory system)

LS5_5 Mechanisms of pain

LS5_6 Developmental neurobiology

LS5_7 Cognition (e.g. learning, memory, emotions, speech)

LS5_8 Behavioural neuroscience (e.g. sleep, consciousness, handedness)
LS5_9 Systems neuroscience
LS5_10 Neuroimaging and computational neuroscience
LS5_11 Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's disease)
LS5_12 Psychiatric disorders (e.g. schizophrenia, autism, Tourette's syndrome, obsessive compulsive disorder, depression, bipolar disorder, attention deficit hyperactivity disorder)

LS6 Immunity and Infection: The immune system and related disorders, infectious agents and diseases, prevention and treatment of infection
LS6_1 Innate immunity and inflammation
LS6_2 Adaptive immunity
LS6_3 Phagocytosis and cellular immunity
LS6_4 Immunosignalling
LS6_5 Immunological memory and tolerance
LS6_6 Immunogenetics
LS6_7 Microbiology
LS6_8 Virology
LS6_9 Bacteriology
LS6_10 Parasitology
LS6_11 Prevention and treatment of infection by pathogens (e.g. vaccination, antibiotics, fungicide)
LS6_12 Biological basis of immunity related disorders (e.g. autoimmunity)
LS6_13 Veterinary medicine and infectious diseases in animals

LS7 Diagnostic Tools, Therapies and Public Health: Aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
LS7_1 Medical engineering and technology
LS7_2 Diagnostic tools (e.g. genetic, imaging)
LS7_3 Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
LS7_4 Analgesia and Surgery
LS7_5 Toxicology
LS7_6 Gene therapy, cell therapy, regenerative medicine
LS7_7 Radiation therapy
LS7_8 Health services, health care research
metabolism-related disorders, cancer and cardiovascular diseases)
LS7_9 Public health and epidemiology
LS7_10 Environment and health risks, occupational medicine
LS7_11 Medical ethics

LS8 Evolutionary, Population and Environmental Biology: Evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology, eco-toxicology, microbial ecology
LS8_1 Ecology (theoretical and experimental; population, species and community level)
LS8_2 Population biology, population dynamics, population genetics
LS8_3 Systems evolution, biological adaptation, phylogenetics, systematics, comparative biology
LS8_4 Biodiversity, conservation biology, conservation genetics, invasion biology
LS8_5 Evolutionary biology: evolutionary ecology and genetics, co-evolution
LS8_6 Biogeography, macro-ecology
LS8_7 Animal behaviour
LS8_8 Environmental and marine biology
LS8_9 Environmental toxicology at the population and ecosystems level
LS8_10 Microbial ecology and evolution
LS8_11 Species interactions (e.g. food-webs, symbiosis, parasitism, mutualism)

LS9 Applied life Sciences and Non-Medical Biotechnology: Agricultural, animal, fishery, forestry and food sciences; biotechnology, genetic engineering, synthetic and chemical biology, industrial biosciences; environmental biotechnology and remediation

LS9_1 Applied genetic engineering, transgenic organisms, recombinant proteins, biosensors

LS9_2 Synthetic biology, chemical biology and new bio-engineering concepts

LS9_3 Agriculture related to animal husbandry, dairying, livestock raising

LS9_4 Aquaculture, fisheries

LS9_5 Agriculture related to crop production, soil biology and cultivation, applied plant biology

LS9_6 Food sciences

LS9_7 Forestry, biomass production (e.g. for biofuels)

LS9_8 Environmental biotechnology, bioremediation, biodegradation

LS9_9 Applied biotechnology (non-medical), bioreactors, applied microbiology

LS9_10 Biomimetics

LS9_11 Biohazards, biological containment, biosafety, biosecurity