



AISSA
Associazione Italiana
Società Scientifiche Agrarie



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

DAFNAE
Department of Agronomy Food
Natural resources Animals Environment

I CONVEGNO AISSA#UNDER40

Acqua e Agricoltura

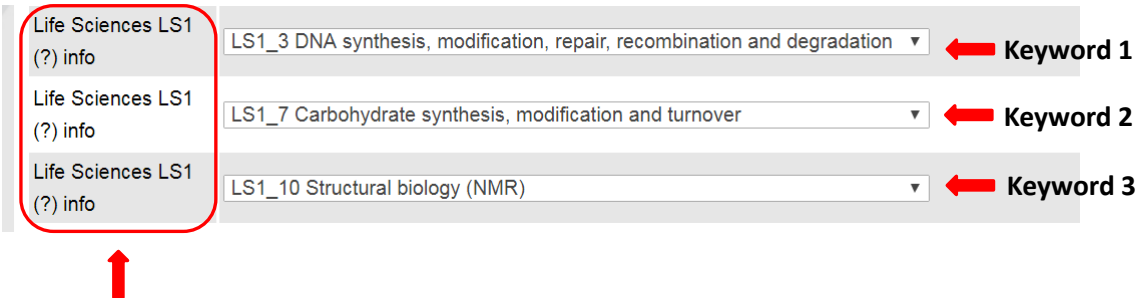
Questionario informativo

(la compilazione va effettuata al seguente [link](#))

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



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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