



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

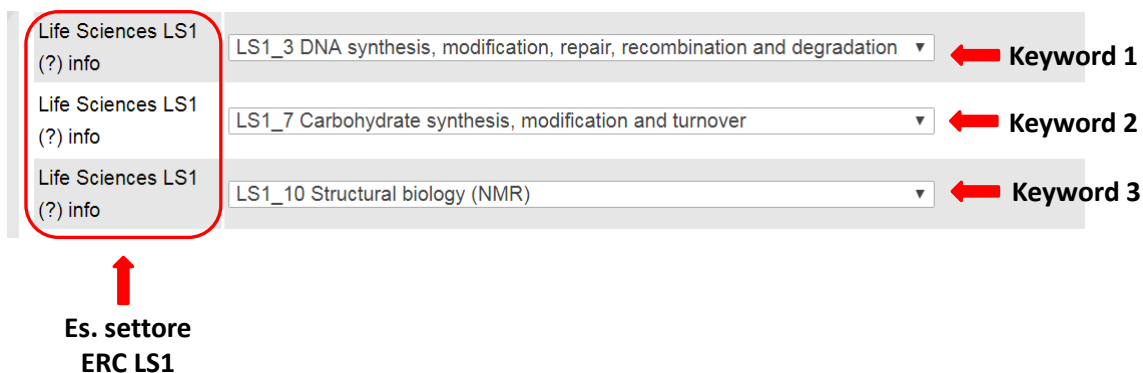
Questionario informativo

(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)



Life Sciences LS1
(?) info

LS1_3 DNA synthesis, modification, repair, recombination and degradation ← Keyword 1

Life Sciences LS1
(?) info

LS1_7 Carbohydrate synthesis, modification and turnover ← Keyword 2

Life Sciences LS1
(?) info

LS1_10 Structural biology (NMR) ← Keyword 3

↑
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)



Acqua e Agricoltura

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