



**UNIVERSITÀ  
DEGLI STUDI DI BARI  
ALDO MORO**

Decreto n.2667

IL RETTORE

- VISTO lo Statuto dell'Università degli Studi di Bari Aldo Moro emanato con D.R. n. 3177 del 30 settembre 2021 e rettificato con DR 3235 del 4 ottobre 2021;
- VISTO il Regolamento Generale di Ateneo emanato con D.R. n. 12467 del 20.10.2008;
- VISTO il Regolamento per l'amministrazione, la finanza e la contabilità emanato con D.R. n. 3477 del 21 ottobre 2021;
- VISTO il Regolamento UE 2016/679 in materia di tutela dei dati personali e successive modifiche;
- VISTO il Gender Equality Plan - GEP UNIBA 2023-2025 - Azione 4.3;
- VISTO il documento di programmazione integrata di Ateneo per il triennio 2021- 2023, adottato con D.R. n. 244 del 29.01.2021, aggiornato dal Consiglio di Amministrazione del 25 marzo 2021 e del 21 luglio 2021, contenente nella Sezione II - Piano Triennale 2021-2023 l'Obiettivo B - "Promuovere la ricerca a livello globale e valorizzare il contributo alla competitività del Paese" - Azione B.3 - "Miglioramento delle infrastrutture e degli strumenti per la ricerca al fine dell'integrazione della ricerca nelle reti internazionali ed europee", attività di potenziamento Verticale Bottom Up (Finanziamento tramite bando a supporto della ricerca di giovani ricercatori);

- RITENUTO che per il raggiungimento del succitato obiettivo, l'Università degli Studi di Bari Aldo Moro deve promuovere e sostenere la ricerca scientifica di eccellenza tra i più giovani nella sua dimensione europea rivolgendosi ai giovani ricercatori/ricercatrici di talento, all'inizio della carriera, che hanno già prodotto lavoro scientifico di profilo internazionale e che si sentono pronti ad avviare nuove linee di ricerca in modo indipendente mostrando di avere il potenziale per essere leader nella ricerca;
- RITENUTO che l'Università degli Studi di Bari Aldo Moro possa perseguire il succitato obiettivo, fra l'altro, attraverso l'emanazione di un Bando competitivo di Ateneo per il finanziamento di progetti di ricerca, che mirino alla redazione di proposte progettuali candidabili sui bandi "*European Research Council - Starting Grant*" del programma quadro *Horizon Europe*;
- VISTO lo schema del "Bando competitivo di Ateneo per il finanziamento di progetti di ricerca dell'Università degli Studi di Bari Aldo Moro, denominato ERC SEEDS UNIBA";
- VISTA la delibera del Consiglio di Amministrazione del 15.06.2023;
- VISTA la delibera del Senato Accademico del 14.06.2023;
- ACCERTATO che per il finanziamento dei progetti presentati in riscontro al succitato Bando sono stati stanziati euro 500.000,00, che graveranno sul bilancio di Ateneo sull'art. 102200201, subaccantonamento n. 22/ 14931;
- SENTITO il Direttore Generale;

DECRETA

di emanare il Bando competitivo di Ateneo per il finanziamento di progetti di ricerca dell'Università degli Studi di Bari Aldo Moro, denominato ERC SEEDS UNIBA, integralmente riportato in allegato.

Il presente decreto verrà pubblicato nel sito di Ateneo e inviato per opportuna diffusione ai dipartimenti.

Bari, 14 Luglio 2023

IL RETTORE

F.to Stefano Bronzini

## **ERC SEEDS UNIBA**

### **Bando competitivo di Ateneo per il finanziamento di progetti di ricerca dell'Università degli Studi di Bari Aldo Moro.**

#### **Avviso per la presentazione di proposte progettuali.**

#### **Art. 1 (Finalità e ambito di applicazione)**

Il presente Bando di Ateneo, per la presentazione di proposte progettuali individuali di ricerca fondamentale o applicata da parte di giovani ricercatori/ricercatrici, si inserisce nel quadro delle iniziative intraprese dall'Università degli Studi di Bari Aldo Moro (di seguito UNIBA) finalizzate a sostenere la ricerca scientifica di eccellenza nel nostro Ateneo, con particolare riferimento al rafforzamento della competitività di UNIBA rispetto all'accesso ai finanziamenti europei. In particolare, questo bando si rivolge ai giovani ricercatori/ricercatrici di UNIBA con un curriculum di rilievo a livello internazionale, per supportarne la capacità progettuale, incoraggiandoli a presentare proposte in risposta ai bandi dell'*European Research Council - Starting Grant* (di seguito ERC) nell'ambito del programma quadro *Horizon Europe*.

#### **Art. 2 (Soggetti ammissibili)**

I soggetti ammissibili a presentare proposte progettuali in risposta al presente bando sono i ricercatori/ricercatrici dipendenti presso questa Università (RTDb, RTDa, Assegnisti di ricerca) in possesso dei seguenti due requisiti:

1. Aver maturato minimo 1 e massimo 5 anni di esperienza scientifica dal conseguimento del dottorato di ricerca (la data di riferimento utilizzata per il calcolo della finestra di ammissibilità è l'avvenuta difesa del dottorato di ricerca). Estensioni alla finestra di eleggibilità sono previste per motivi quali maternità, paternità, malattia, servizio nazionale, formazione, calamità naturali o richieste di asilo;
2. Aver prodotto almeno una pubblicazione come autore preminente o senza la partecipazione del tutor del dottorato, negli ultimi cinque anni;

3. E di almeno uno tra i seguenti:

- Aver tenuto almeno una presentazione orale in occasione di prestigiose conferenze o scuole avanzate nazionali o internazionali;  
oppure
- Essere in possesso di brevetti;  
oppure
- Aver conseguito premi attinenti all'attività scientifica e riconoscimenti internazionali;  
oppure
- Aver maturato esperienze di ricerca all'estero per almeno tre mesi consecutivi negli ultimi cinque anni.

### **Art. 3 (Caratteristiche delle proposte finanziabili)**

I progetti di ricerca ammissibili al finanziamento potranno afferire a qualsiasi macrosettore e settore scientifico disciplinare determinato dall'ERC indicati nell'Allegato 1, e dovranno altresì possedere le seguenti caratteristiche:

- Essere redatti in lingua inglese;
- Essere debitamente compilati in tutte le sue parti, secondo il modello fornito dall'Allegato 2 (parte integrante del presente Bando);
- Prevedere una durata delle attività pari a 12 mesi;
- Essere in linea con gli obiettivi dell'*ERC Starting Grant*, ovvero: originalità, ambizione e fattibilità (“ground-breaking nature, ambition, and feasibility”);
- Essere conformi ai principi DNSH (secondo il modello fornito dall'Allegato 3) e FAIR e OPEN SCIENCE;
- Descrivere le misure/azioni che si intendono adottare/realizzare per promuovere le pari opportunità tra uomini e donne o l'equilibrio di genere nell'attuazione del progetto di ricerca, in linea con il Gender Equality Plan di UNIBA.

### **Art. 4 (Dotazione finanziaria e spese ammissibili)**

Le risorse complessivamente a disposizione del presente Bando ammontano a **500.000,00 euro**.

L'importo massimo ammissibile per ciascuna proposta ammonta a **10.000,00 euro**.

Le spese ammissibili sono:

- spese di mobilità;
- spese per pubblicazioni scientifiche;

- spese di investimento (software applicativi acquisiti in proprietà o in licenza d'uso a tempo indeterminato; attrezzature generiche quali banconi, frigoriferi, carrelli etc.; impianti tecnologici e attrezzature scientifiche; attrezzature informatiche ed elettroniche);
- spese per acquisto di beni e servizi (es. reagenti) che non devono superare il 5% del budget totale della proposta, da rimodulare eventualmente in base al budget delle singole proposte e il numero delle proposte ricevute;
- spese per l'organizzazione di workshop utili per il progetto di ricerca;
- spese di accompagnamento alla redazione della proposta progettuale da sottomettere in risposta ad un bando del programma *ERC Starting Grant*.

**Art. 5 (Termini e modalità di presentazione della domanda e documentazione da trasmettere)**

Le proposte progettuali devono essere presentate esclusivamente per via telematica inviando una mail all'indirizzo di posta elettronica certificata [universitabari@pec.it](mailto:universitabari@pec.it), a partire dalla data di pubblicazione del Bando e fino al giorno 13 ottobre 2023, pena l'esclusione, indicando nell'oggetto: "ERC SEEDS UNIBA". Si fa presente che la dimensione del singolo messaggio di posta elettronica certificata non deve superare i 50 MB. Nel caso in cui fosse necessario superare tale dimensione, si invitano i candidati/candidate ad inviare ulteriori PEC, indicando nell'oggetto: "integrazione alla domanda ERC SEEDS UNIBA" numerando progressivamente ciascuna PEC di integrazione, che dovrà essere spedita entro il termine perentorio indicato all'Art. 5 del presente bando.

Le proposte dovranno essere presentate utilizzando lo schema dell'Allegato 2 debitamente compilato in tutte le sue parti e sottoscritto con firma olografa o digitale e corredato dai seguenti allegati in formato PDF:

- Dichiarazione di conformità ai principi DNSH redatta secondo il modello fornito dall'Allegato 3;
- Curriculum vitae del/della proponente redatto secondo il modello fornito dall'Allegato 4;
- Track record del/della proponente redatto secondo il modello fornito dall'Allegato 5;
- Elenco delle pubblicazioni scientifiche del/della proponente;
- Documento di riconoscimento del/della proponente.

**Art. 6 (Modalità di valutazione delle proposte progettuali)**

La valutazione delle candidature sarà affidata ad una Commissione di valutazione nominata dal Magnifico Rettore con apposito Decreto Rettorale. I candidati saranno valutati sulla base dei seguenti criteri:

Elementi oggetto di valutazione	Descrizione	Punteggio
Curriculum Vitae del/della proponente	Eccellenza del CV e capacità di indipendenza scientifica, dimostrabile con i criteri esposti all'Art.2.	Max 30
	a) PI che abbiano usufruito di un congedo per maternità/paternità (entro 24 mesi dal parto) o b) PI donne.	Di cui 3  Di cui 2
Track record del/della proponente	Qualità della produzione scientifica, anche utilizzando i parametri bibliometrici ove possibile.	Max 20
	Almeno una pubblicazione in open access.	Di cui 5
Originalità e impatto della proposta progettuale ( <i>ground-breaking nature</i> )	Originalità dell'idea progettuale. Capacità di realizzare un progresso nel settore di riferimento e più in generale nel progresso della conoscenza. Capacità di sviluppare nuovi concetti nella conoscenza.	Max 30
Impatto della proposta progettuale	Capacità della proposta di generare un impatto sociale, economico, tecnologico.	Max 10
	Capacità della proposta progettuale di generare un bilanciamento di genere e di promuovere le pari opportunità tra uomini e donne.	Di cui 2
Fattibilità della proposta progettuale	Realizzabilità della proposta progettuale. Pianificazione della organizzazione temporale e dell'uso delle risorse assegnate.	Max 10

La Commissione procederà a valutare le proposte, indicando, nel caso di ammissibilità del progetto al finanziamento, l'eventuale rimodulazione dei costi. Ai Proponenti dei progetti ammessi al finanziamento verrà richiesta l'accettazione dell'eventuale rimodulazione dei costi proposta dalla Commissione.

La graduatoria di merito finale verrà stilata sulla base del punteggio complessivo ottenuto da ciascuna proposta progettuale. Le proposte saranno finanziate nell'ordine di graduatoria, sino all'esaurimento dei fondi disponibili.

**Art. 7 (Modalità di erogazione del finanziamento e rendicontazione delle spese)**

Il finanziamento assegnato, da utilizzare esclusivamente per la realizzazione delle attività previste nella proposta ammessa, deve essere rendicontato dal proponente entro 60 giorni dal termine delle attività progettuali.

Unitamente alla rendicontazione delle spese, il soggetto proponente dovrà inoltre consegnare il seguente deliverable:

- una “Proposta Progettuale” completa sottomessa durante il periodo di durata del progetto o da sottomettere in risposta ad un bando del programma *ERC Starting Grant* entro e non oltre un anno dal termine delle attività del presente progetto.

#### **Art. 8 (Valutazione dei risultati)**

La Commissione di Valutazione effettuerà una valutazione ex post finalizzata alla verifica del raggiungimento dei risultati attesi. Saranno valutate eventuali ulteriori politiche premiali per tutti quei ricercatori/ricercatrici che avranno proceduto alla sottomissione di una “proposta progettuale” in risposta al Bando *ERC Starting Grant*. Nel caso questo non si sia ancora realizzato dopo un anno dalla conclusione del progetto, il PI dovrà predisporre una relazione indirizzata alla Commissione di Valutazione ed al Delegato alla Ricerca ed Innovazione per giustificare i motivi della mancata sottomissione, e predisporre un cronoprogramma per la sottomissione nel periodo immediatamente successivo.

#### **Art. 9 (Responsabile del Procedimento)**

Ai sensi di quanto disposto dall'art. 5 della legge 7 agosto 1990, n. 241, il responsabile del procedimento di cui al presente bando è la Dott.ssa Mariangela LUPO. Informazioni e chiarimenti relativi al Bando possono essere richiesti al seguente indirizzo mail: [ricerca@uniba.it](mailto:ricerca@uniba.it).

#### **Art. 10 (Trattamento dei dati personali)**

Il trattamento dei dati personali è disciplinato dal Regolamento UE 2016/679. I dati personali trasmessi saranno trattati esclusivamente per le finalità di gestione del presente Bando. Il Titolare del trattamento dei dati è l'Università degli Studi di Bari Aldo Moro. Il Responsabile della Protezione dei Dati personali (RPD) è la Dott.ssa Rosa Maria SANROCCO.

#### **Art. 11 (Pubblicità e diffusione del bando)**

Il presente bando e i relativi allegati sono pubblicati sul sito di Ateneo nella Sezione Ricerca, Innovazione e Impatto della Direzione Ricerca, Terza Missione e Internazionalizzazione al seguente link [Bando ERC SEEDS UNIBA](#) e sono inviati ai Direttori di Dipartimento affinché ne assicurino la massima diffusione.



**ERC SEEDS UNIBA**

**Allegato 1**

**Struttura dei Panel ERC Starting Grant (ERC Review Panel)**

**Macrosettori e settori disciplinari dei progetti di ricerca ammissibili**

**Physical Sciences and Engineering**

***PE1 Mathematics***

**All areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics**

- PE1\_1 Logic and foundations
- PE1\_2 Algebra
- PE1\_3 Number theory
- PE1\_4 Algebraic and complex geometry
- PE1\_5 Lie groups, Lie algebras
- PE1\_6 Geometry and global analysis
- PE1\_7 Topology
- PE1\_8 Analysis
- PE1\_9 Operator algebras and functional analysis
- PE1\_10 ODE and dynamical systems
- PE1\_11 Theoretical aspects of partial differential equations
- PE1\_12 Mathematical physics
- PE1\_13 Probability
- PE1\_14 Mathematical statistics
- PE1\_15 Generic statistical methodology and modelling
- PE1\_16 Discrete mathematics and combinatorics
- PE1\_17 Mathematical aspects of computer science
- PE1\_18 Numerical analysis
- PE1\_19 Scientific computing and data processing
- PE1\_20 Control theory, optimisation and operational research
- PE1\_21 Application of mathematics in sciences
- PE1\_22 Application of mathematics in industry and society

***PE2 Fundamental Constituents of Matter***

**Particle, nuclear, plasma, atomic, molecular, gas, and optical physics**

- PE2\_1 Theory of fundamental interactions

- PE2\_2 Phenomenology of fundamental interactions
- PE2\_3 Experimental particle physics with accelerators
- PE2\_4 Experimental particle physics without accelerators
- PE2\_5 Classical and quantum physics of gravitational interactions
- PE2\_6 Nuclear, hadron and heavy ion physics
- PE2\_7 Nuclear and particle astrophysics
- PE2\_8 Gas and plasma physics
- PE2\_9 Electromagnetism
- PE2\_10 Atomic, molecular physics
- PE2\_11 Ultra-cold atoms and molecules
- PE2\_12 Optics, non-linear optics and nano-optics
- PE2\_13 Quantum optics and quantum information
- PE2\_14 Lasers, ultra-short lasers and laser physics
- PE2\_15 Thermodynamics
- PE2\_16 Non-linear physics
- PE2\_17 Metrology and measurement
- PE2\_18 Equilibrium and non-equilibrium statistical mechanics: steady states and dynamics

### ***PE3 Condensed Matter Physics***

#### **Structure, electronic properties, fluids, nanosciences, biological physics**

- PE3\_1 Structure of solids, material growth and characterisation
- PE3\_2 Mechanical and acoustical properties of condensed matter, lattice dynamics
- PE3\_3 Transport properties of condensed matter
- PE3\_4 Electronic properties of materials, surfaces, interfaces, nanostructures
- PE3\_5 Physical properties of semiconductors and insulators
- PE3\_6 Macroscopic quantum phenomena, e.g. superconductivity, superfluidity, quantum Hall effect
- PE3\_7 Spintronics
- PE3\_8 Magnetism and strongly correlated systems
- PE3\_9 Condensed matter – beam interactions (photons, electrons, etc.)
- PE3\_10 Nanophysics, e.g. nanoelectronics, nanophotonics, nanomagnetism, nanoelectromechanics
- PE3\_11 Mesoscopic quantum physics and solid-state quantum technologies
- PE3\_12 Molecular electronics
- PE3\_13 Structure and dynamics of disordered systems, e.g. soft matter (gels, colloids, liquid crystals), granular matter, liquids, glasses, defects
- PE3\_14 Fluid dynamics (physics)
- PE3\_15 Statistical physics: phase transitions, condensed matter systems, models of complex systems, interdisciplinary applications
- PE3\_16 Physics of biological systems

### ***PE4 Physical and Analytical Chemical Sciences***

#### **Analytical chemistry, chemical theory, physical chemistry/chemical physics**

- PE4\_1 Physical chemistry
- PE4\_2 Spectroscopic and spectrometric techniques
- PE4\_3 Molecular architecture and Structure
- PE4\_4 Surface science and nanostructures
- PE4\_5 Analytical chemistry

PE4\_6 Chemical physics  
PE4\_7 Chemical instrumentation  
PE4\_8 Electrochemistry, electrodialysis, microfluidics, sensors  
PE4\_9 Method development in chemistry  
PE4\_10 Heterogeneous catalysis  
PE4\_11 Physical chemistry of biological systems  
PE4\_12 Chemical reactions: mechanisms, dynamics, kinetics and catalytic reactions  
PE4\_13 Theoretical and computational chemistry  
PE4\_14 Radiation and Nuclear chemistry  
PE4\_15 Photochemistry  
PE4\_16 Corrosion  
PE4\_17 Characterisation methods of materials  
PE4\_18 Environment chemistry

**PE5     *Synthetic Chemistry and Materials***

**New materials and new synthetic approaches, structure-properties relations, solid state chemistry, molecular architecture, organic chemistry**

PE5\_1 Structural properties of materials  
PE5\_2 Solid state materials chemistry  
PE5\_3 Surface modification  
PE5\_4 Thin films  
PE5\_5 Ionic liquids  
PE5\_6 New materials: oxides, alloys, composite, organic-inorganic hybrid, nanoparticles  
PE5\_7 Biomaterials synthesis  
PE5\_8 Intelligent materials synthesis – self assembled materials  
PE5\_9 Coordination chemistry  
PE5\_10 Colloid chemistry  
PE5\_11 Biological chemistry and chemical biology PE5\_12 Chemistry of condensed matter  
PE5\_13 Homogeneous catalysis PE5\_14 Macromolecular chemistry PE5\_15 Polymer chemistry  
PE5\_16 Supramolecular chemistry PE5\_17 Organic chemistry  
PE5\_18 Medicinal chemistry

**PE6     *Computer Science and Informatics***

**Informatics and information systems, computer science, scientific computing, intelligent systems**

PE6\_1 Computer architecture, embedded systems, operating systems  
PE6\_2 Distributed systems, parallel computing, sensor networks, cyber-physical systems  
PE6\_3 Software engineering, programming languages and systems  
PE6\_4 Theoretical computer science, formal methods, automata  
PE6\_5 Security, privacy, cryptology, quantum cryptography  
PE6\_6 Algorithms and complexity, distributed, parallel and network algorithms, algorithmic game theory  
PE6\_7 Artificial intelligence, intelligent systems, natural language processing  
PE6\_8 Computer graphics, computer vision, multimedia, computer games  
PE6\_9 Human computer interaction and interface, visualisation  
PE6\_10 Web and information systems, data management systems, information retrieval and digital libraries, data fusion  
PE6\_11 Machine learning, statistical data processing and applications using signal processing (e.g. speech, image, video)

PE6\_12 Scientific computing, simulation and modelling tools  
PE6\_13 Bioinformatics, bio-inspired computing, and natural computing  
PE6\_14 Quantum computing (formal methods, algorithms and other computer science aspects)

**PE7    *Systems and Communication Engineering***

**Electrical, electronic, communication, optical and systems engineering**

PE7\_1 Control engineering  
PE7\_2 Electrical engineering: power components and/or systems  
PE7\_3 Simulation engineering and modelling  
PE7\_4 (Micro- and nano-) systems engineering  
PE7\_5 (Micro- and nano-) electronic, optoelectronic and photonic components  
PE7\_6 Communication systems, wireless technology, high-frequency technology  
PE7\_7 Signal processing  
PE7\_8 Networks, e.g. communication networks and nodes, Internet of Things, sensor networks, networks of robots  
PE7\_9 Man-machine interfaces  
PE7\_10 Robotics  
PE7\_11 Components and systems for applications (in e.g. medicine, biology, environment)  
PE7\_12 Electrical energy production, distribution, applications

**PE8    *Products and Processes Engineering***

**Product and process design, chemical, civil, environmental, mechanical, vehicle engineering, energy processes and relevant computational methods**

PE8\_1 Aerospace engineering  
PE8\_2 Chemical engineering, technical chemistry  
PE8\_3 Civil engineering, architecture, offshore construction, lightweight construction, geotechnics  
PE8\_4 Computational engineering  
PE8\_5 Fluid mechanics  
PE8\_6 Energy processes engineering  
PE8\_7 Mechanical engineering  
PE8\_8 Propulsion engineering, e.g. hydraulic, turbo, piston, hybrid engines  
PE8\_9 Production technology, process engineering  
PE8\_10 Manufacturing engineering and industrial design  
PE8\_11 Environmental engineering, e.g. sustainable design, waste and water treatment, recycling, regeneration or recovery of compounds, carbon capture & storage  
PE8\_12 Naval/marine engineering  
PE8\_13 Industrial bioengineering  
PE8\_14 Automotive and rail engineering; multi-/inter-modal transport engineering

**PE9    *Universe Sciences***

**Astro-physics/-chemistry/-biology; solar system; planetary systems; stellar, galactic and extragalactic astronomy; cosmology; space sciences; astronomical instrumentation and data**

PE9\_1 Solar physics – the Sun and the heliosphere  
PE9\_2 Solar system science  
PE9\_3 Exoplanetary science, formation and characterization of extrasolar planets

PE9\_4 Astrobiology  
PE9\_5 Interstellar medium and star formation  
PE9\_6 Stars – stellar physics, stellar systems  
PE9\_7 The Milky Way  
PE9\_8 Galaxies – formation, evolution, clusters  
PE9\_9 Cosmology and large-scale structure, dark matter, dark energy  
PE9\_10 Relativistic astrophysics and compact objects  
PE9\_11 Gravitational wave astronomy  
PE9\_12 High-energy and particle astronomy  
PE9\_13 Astronomical instrumentation and data, e.g. telescopes, detectors, techniques, archives, analyses

### ***PE10 Earth System Science***

**Physical geography, geology, geophysics, atmospheric sciences, oceanography, climatology, cryology, ecology, global environmental change, biogeochemical cycles, natural resources management**

PE10\_1 Atmospheric chemistry, atmospheric composition, air pollution  
PE10\_2 Meteorology, atmospheric physics and dynamics  
PE10\_3 Climatology and climate change  
PE10\_4 Terrestrial ecology, land cover change  
PE10\_5 Geology, tectonics, volcanology  
PE10\_6 Palaeoclimatology, palaeoecology  
PE10\_7 Physics of earth's interior, seismology, geodynamics  
PE10\_8 Oceanography (physical, chemical, biological, geological)  
PE10\_9 Biogeochemistry, biogeochemical cycles, environmental chemistry  
PE10\_10 Mineralogy, petrology, igneous petrology, metamorphic petrology  
PE10\_11 Geochemistry, cosmochemistry, crystal chemistry, isotope geochemistry, thermodynamics  
PE10\_12 Sedimentology, soil science, palaeontology, earth evolution  
PE10\_13 Physical geography, geomorphology  
PE10\_14 Earth observations from space/remote sensing  
PE10\_15 Geomagnetism, palaeomagnetism  
PE10\_16 Ozone, upper atmosphere, ionosphere  
PE10\_17 Hydrology, hydrogeology, engineering and environmental geology, water and soil pollution  
PE10\_18 Cryosphere, dynamics of snow and ice cover, sea ice, permafrosts and ice sheets  
PE10\_19 Planetary geology and geophysics  
PE10\_20 Geohazards  
PE10\_21 Earth system modelling and interactions

### ***PE11 Materials Engineering***

**Advanced materials development: performance enhancement, modelling, large-scale preparation, modification, tailoring, optimisation, novel and combined use of materials, etc.**

PE11\_1 Engineering of biomaterials, biomimetic, bioinspired and bio-enabled materials  
PE11\_2 Engineering of metals and alloys  
PE11\_3 Engineering of ceramics and glasses  
PE11\_4 Engineering of polymers and plastics

PE11\_5 Engineering of composites and hybrid materials  
PE11\_6 Engineering of carbon materials  
PE11\_7 Engineering of metal oxides  
PE11\_8 Engineering of alternative established or emergent materials  
PE11\_9 Nanomaterials engineering, e.g. nanoparticles, nanoporous materials, 1D & 2D nanomaterials  
PE11\_10 Soft materials engineering, e.g. gels, foams, colloids  
PE11\_11 Porous materials engineering, e.g. covalent-organic, metal-organic, porous aromatic frameworks  
PE11\_12 Semi-conducting and magnetic materials engineering  
PE11\_13 Metamaterials engineering  
PE11\_14 Computational methods for materials engineering

## **Life Sciences**

### ***LS1 Molecules of Life: Biological Mechanisms, Structures and Functions***

*For all organisms:*

Molecular biology, biochemistry, structural biology, molecular biophysics, synthetic and chemical biology, drug design, innovative methods and modelling

LS1\_1 Macromolecular complexes including interactions involving nucleic acids, proteins, lipids and carbohydrates

LS1\_2 Biochemistry

LS1\_3 DNA and RNA biology

LS1\_4 Protein biology

LS1\_5 Lipid biology

LS1\_6 Glycobiology

LS1\_7 Molecular biophysics, biomechanics, bioenergetics

LS1\_8 Structural biology

LS1\_9 Molecular mechanisms of signalling processes

LS1\_10 Synthetic biology

LS1\_11 Chemical biology

LS1\_12 Protein design

LS1\_13 Early translational research and drug design

LS1\_14 Innovative methods and modelling in molecular, structural and synthetic biology

### ***LS2 Integrative Biology: from Genes and Genomes to Systems***

*For all organisms:*

Genetics, epigenetics, genomics and other ‘omics studies, bioinformatics, systems biology, genetic diseases, gene editing, innovative methods and modelling, ‘omics for personalised medicine

LS2\_1 Genetics

LS2\_2 Gene editing

LS2\_3 Epigenetics

LS2\_4 Gene regulation

LS2\_5 Genomics

LS2\_6 Metagenomics

LS2\_7 Transcriptomics

LS2\_8 Proteomics

LS2\_9 Metabolomics

LS2\_10 Glycomics/Lipidomics

LS2\_11 Bioinformatics and computational biology

LS2\_12 Biostatistics

LS2\_13 Systems biology

LS2\_14 Genetic diseases

LS2\_15 Integrative biology for personalised medicine

LS2\_16 Innovative methods and modelling in integrative biology

### ***LS3 Cell Biology, Development, Stem Cells and Regeneration***

*For all organisms:*

Structure and function of the cell, cell-cell communication, embryogenesis, tissue differentiation, organogenesis, growth, development, evolution of development, organoids, stem cells, regeneration, therapeutic approaches

LS3\_1 Cell cycle, cell division and growth

LS3\_2 Cell senescence, cell death, autophagy, cell ageing

LS3\_3 Cell behaviour, including control of cell shape, cell migration

LS3\_4 Cell junctions, cell adhesion, the extracellular matrix, cell communication

LS3\_5 Cell signalling and signal transduction, exosome biology

LS3\_6 Organelle biology and trafficking

LS3\_7 Mechanobiology of cells, tissues and organs

LS3\_8 Embryogenesis, pattern formation, morphogenesis

LS3\_9 Cell differentiation, formation of tissues and organs

LS3\_10 Developmental genetics

LS3\_11 Evolution of developmental strategies

LS3\_12 Organoids

LS3\_13 Stem cells

LS3\_14 Regeneration

LS3\_15 Development of cell-based therapeutic approaches for tissue regeneration

LS3\_16 Functional imaging of cells and tissues

LS3\_17 Theoretical modelling in cellular, developmental and regenerative biology

### ***LS4 Physiology in Health, Disease and Ageing***

**Organ and tissue physiology, comparative physiology, physiology of ageing, pathophysiology, inter-organ and tissue communication, endocrinology, nutrition, metabolism, interaction with the microbiome, non-communicable diseases including cancer (and except disorders of the nervous system and immunity-related diseases)**

LS4\_1 Organ and tissue physiology and pathophysiology

LS4\_2 Comparative physiology

LS4\_3 Physiology of ageing

LS4\_4 Endocrinology

LS4\_5 Non-hormonal mechanisms of inter-organ and tissue communication

LS4\_6 Microbiome and host physiology

LS4\_7 Nutrition and exercise physiology

LS4\_8 Impact of stress (including environmental stress) on physiology

LS4\_9 Metabolism and metabolic disorders, including diabetes and obesity

LS4\_10 The cardiovascular system and cardiovascular diseases

LS4\_11 Haematopoiesis and blood diseases

LS4\_12 Cancer

LS4\_13 Other non-communicable diseases (except disorders of the nervous system and immunity-related diseases)



## **LS5    *Neuroscience and Disorders of the Nervous System***

**Nervous system development, homeostasis and ageing, nervous system function and dysfunction, systems neuroscience and modelling, biological basis of cognitive processes and of behaviour, neurological and mental disorders**

*– In humans and all other organisms*

LS5\_1 Neuronal cells

LS5\_2 Glial cells and neuronal-glia communication

LS5\_3 Neural development and related disorders

LS5\_4 Neural stem cells

LS5\_5 Neural networks and plasticity

LS5\_6 Neurovascular biology and blood-brain barrier

LS5\_7 Sensory systems, sensation and perception, including pain

LS5\_8 Neural basis of behaviour (e.g. sleep, consciousness, addiction)

LS5\_9 Neural basis of cognition (e.g. learning, memory, attention, emotions, speech)

LS5\_10 Ageing of the nervous system

LS5\_11 Neurological and neurodegenerative disorders

LS5\_12 Mental disorders

LS5\_13 Nervous system injuries and trauma, stroke

LS5\_14 Repair and regeneration of the nervous system

LS5\_15 Neuroimmunology, neuroinflammation

LS5\_16 Systems and computational neuroscience (e.g. modelling, simulation, brain oscillations, connectomics)

LS5\_17 Imaging in neuroscience

LS5\_18 Innovative methods and tools for neuroscience

## **LS6    *Immunity, Infection and Immunotherapy***

**The immune system, related disorders and their mechanisms, biology of infectious agents and infection, biological basis of prevention and treatment of infectious diseases, innovative immunological tools and approaches, including therapies**

LS6\_1 Innate immunity

LS6\_2 Adaptive immunity

LS6\_3 Regulation of the immune response

LS6\_4 Immune-related diseases

LS6\_5 Biology of pathogens (e.g. bacteria, viruses, parasites, fungi)

LS6\_6 Infectious diseases

LS6\_7 Mechanisms of infection

LS6\_8 Biological basis of prevention and treatment of infection

LS6\_9 Antimicrobials, antimicrobial resistance

LS6\_10 Vaccine development

LS6\_11 Innovative immunological tools and approaches, including therapies

## **LS7    *Prevention, Diagnosis and Treatment of Human Diseases***

**Medical technologies and tools for prevention, diagnosis and treatment of human diseases, therapeutic approaches and interventions, pharmacology, preventative medicine, epidemiology and public health, digital medicine**

LS7\_1 Medical imaging for prevention, diagnosis and monitoring of diseases

LS7\_2 Medical technologies and tools (including genetic tools and biomarkers) for prevention, diagnosis, monitoring and treatment of diseases  
LS7\_3 Nanomedicine  
LS7\_4 Regenerative medicine  
LS7\_5 Applied gene, cell and immune therapies  
LS7\_6 Other medical therapeutic interventions, including transplantation  
LS7\_7 Pharmacology and toxicology  
LS7\_8 Effectiveness of interventions, including resistance to therapies  
LS7\_9 Public health and epidemiology  
LS7\_10 Preventative and prognostic medicine  
LS7\_11 Environmental health, occupational medicine  
LS7\_12 Health care, including care for the ageing population  
LS7\_13 Palliative medicine  
LS7\_14 Digital medicine, e-medicine, medical applications of artificial intelligence  
LS7\_15 Medical ethics

### ***LS8 Environmental Biology, Ecology and Evolution***

*For all organisms:*

Ecology, biodiversity, environmental change, evolutionary biology, behavioural ecology, microbial ecology, marine biology, ecophysiology, theoretical developments and modelling

LS8\_1 Ecosystem and community ecology, macroecology  
LS8\_2 Biodiversity  
LS8\_3 Conservation biology  
LS8\_4 Population biology, population dynamics, population genetics  
LS8\_5 Biological aspects of environmental change, including climate change  
LS8\_6 Evolutionary ecology  
LS8\_7 Evolutionary genetics  
LS8\_8 Phylogenetics, systematics, comparative biology  
LS8\_9 Macroevolution and paleobiology  
LS8\_10 Ecology and evolution of species interactions  
LS8\_11 Behavioural ecology and evolution  
LS8\_12 Microbial ecology and evolution  
LS8\_13 Marine biology and ecology  
LS8\_14 Ecophysiology, from organisms to ecosystems  
LS8\_15 Theoretical developments and modelling in environmental biology, ecology, and evolution

### ***LS9 Biotechnology and Biosystems Engineering***

**Biotechnology using all organisms, biotechnology for environment and food applications, applied plant and animal sciences, bioengineering and synthetic biology, biomass and biofuels, biohazards**

LS9\_1 Bioengineering for synthetic and chemical biology  
LS9\_2 Applied genetics, gene editing and transgenic organisms  
LS9\_3 Bioengineering of cells, tissues, organs and organisms  
LS9\_4 Microbial biotechnology and bioengineering  
LS9\_5 Food biotechnology and bioengineering

LS9\_6 Marine biotechnology and bioengineering

LS9\_7 Environmental biotechnology and bioengineering

LS9\_8 Applied plant sciences, plant breeding, agroecology and soil biology

LS9\_9 Plant pathology and pest resistance

LS9\_10 Veterinary and applied animal sciences

LS9\_11 Biomass production and utilisation, biofuels LS9\_12 Ecotoxicology, biohazards and biosafety

## **Social Sciences and Humanities**

### ***SH1 Individuals, Markets and Organisations***

#### **Economics, finance, management**

- SH1\_1 Macroeconomics; monetary economics; economic growth, labour economics
- SH1\_2 International trade; international business; spatial economics
- SH1\_3 Development economics political economics
- SH1\_4 Finance; financial markets
- SH1\_5 Corporate finance; international finance
- SH1\_6 Banking, insurance
- SH1\_7 Accounting, asset prices, auditing
- SH1\_8 Econometrics, game theory, decision theory
- SH1\_9 Behavioural economics; experimental economics; neuro-economics
- SH1\_10 Microeconomics, industrial organisation, applied microeconomics
- SH1\_11 Innovation, research & development, entrepreneurship
- SH1\_12 Management; operations management, international management
- SH1\_13 Human resource management; organisational behaviour
- SH1\_14 Strategy, operation research
- SH1\_15 Marketing, consumer behaviour
- SH1\_16 Quantitative economic history, economic systems, institutional economics

### ***SH2 Institutions, Governance and Legal Systems***

#### **Political science, international relations, law**

- SH2\_1 Political systems, governance
- SH2\_2 Democratisation and social movements
- SH2\_3 Conflict resolution, war, peace building
- SH2\_4 Legal studies, comparative law, law and economics
- SH2\_5 Constitutions, human rights, international law
- SH2\_6 International relations, global and transnational governance
- SH2\_7 Humanitarian assistance and development
- SH2\_8 Political and legal philosophy
- SH2\_9 Digital approaches to political science and law

### ***SH3 The Social World and Its Interactions***

#### **Sociology, social psychology, education sciences, communication studies**

- SH3\_1 Social structure, social mobility, social innovation
- SH3\_2 Inequalities, discrimination, prejudice
- SH3\_3 Aggression and violence, antisocial behaviour, crime
- SH3\_4 Social integration, exclusion, prosocial behaviour
- SH3\_5 Social attitudes and beliefs
- SH3\_6 Social influence; power and group behaviour
- SH3\_7 Social policies, welfare, work and employment
- SH3\_8 Poverty and poverty alleviation
- SH3\_9 Social aspects of teaching and learning, curriculum studies, education and educational policies
- SH3\_10 Communication and information, networks, media
- SH3\_11 Digital social research

SH3\_12 Social studies of science and technology

**SH4 *The Human Mind and Its Complexity***

**Cognitive science, psychology, linguistics**

SH4\_1 Cognitive basis of human development, developmental disorders; comparative cognition

SH4\_2 Personality and social cognition; emotion

SH4\_3 Clinical and health psychology

SH4\_4 Neurocognitive psychology

SH4\_5 Attention, perception, action, consciousness

SH4\_6 Learning, memory; cognition in ageing

SH4\_7 Reasoning, decision-making; intelligence

SH4\_8 Language learning and processing (first and second languages)

SH4\_9 Theoretical linguistics; computational linguistics

SH4\_10 Language typology; historical linguistics

SH4\_11 Pragmatics, sociolinguistics, linguistic anthropology, discourse analysis

**SH5 *Texts and Concepts***

**Literary studies, literature, philosophy**

SH5\_1 Classics, ancient literature

SH5\_2 Theory and history of literature, comparative literature

SH5\_3 Book studies

SH5\_4 Philology; text and image studies

SH5\_5 Palaeography and codicology

SH5\_6 Philosophy of mind, philosophy of language

SH5\_7 Philosophy of science, epistemology, logic

SH5\_8 Metaphysics, philosophical anthropology; aesthetics

SH5\_9 Ethics and its applications; social philosophy

SH5\_10 History of philosophy

SH5\_11 Digital humanities; digital approaches to literary studies and philosophy

**SH6 *The Study of the Human Past***

**Archaeology and history**

SH6\_1 Archaeological methods and theory, history of archaeology

SH6\_2 Prehistoric archaeology, archaeology of non-literate societies

SH6\_3 Archaeology of early literate societies and early civilizations

SH6\_4 Medieval and post-medieval archaeologies

SH6\_5 Archaeological science, bioarchaeology, environmental archaeology, geoarchaeology SH6\_6  
Digital, computational, virtual and geospatial archaeologies

SH6\_7 Historiography, theory and methods of history, including the analysis of digital data SH6\_8  
Ancient history, medieval history

SH6\_9 Early modern, modern, and contemporary history

SH6\_10 Colonial and post-colonial history

SH6\_11 Global, transnational, and comparative history

SH6\_12 Social and economic history

SH6\_13 Cultural history, intellectual history

SH6\_14 History of science and technologies, environmental history

**SH7 *Human Mobility, Environment, and Space***

**Human geography, demography, health, sustainability science, territorial planning, spatial analysis**

SH7\_1 Human, economic and social geography

SH7\_2 Migration

SH7\_3 Population dynamics: households, family and fertility

SH7\_4 Social aspects of health, ageing and society

SH7\_5 Sustainability sciences, environment and resources, ecosystem services

SH7\_6 Environmental and climate change, societal impact and policy

SH7\_7 Cities; urban, regional and rural studies

SH7\_8 Land use and planning

SH7\_9 Energy, transportation and mobility

SH7\_10 GIS, spatial analysis; digital geography

**SH8 *Studies of Cultures and Arts***

**Social anthropology, studies of cultures, studies of arts**

SH8\_1 Kinship; diversity and identities, gender, interethnic relations

SH8\_2 Religious studies, ritual; symbolic representation

SH8\_3 Cultural studies and theory, cultural identities and memories, cultural heritage

SH8\_4 Museums, exhibitions, conservation and restoration

SH8\_5 History of art and of architecture

SH8\_6 Architecture, design, craft, creative industries

SH8\_7 Music and musicology; history of music

SH8\_8 Visual and performing arts, screen, arts-based research

SH8\_9 Digital approaches to anthropology, cultural studies and art

**Allegato 2**

**Formulario per la presentazione di candidature  
al bando competitivo di Ateneo per il finanziamento  
di progetti di ricerca**

**ERC SEEDS UNIBA**

**European Research Council (ERC)**

**Titolo della proposta\*:**

---

\*La proposta deve essere redatta in conformità con quanto specificato all'Art.3 del Bando.

**Proposal details**

<b>Proposal title (up to 200 characters)</b>	
<b>Project Acronym</b>	
<b>Duration in months</b>	
<b>Primary ERC Review Panel (as per the list of the Annex 1)</b>	
<b>Secondary ERC Review Panel (as per the list of the Annex 1)</b>	
<b>ERC Keyword 1</b>	
<b>ERC Keyword 2</b>	
<b>ERC Keyword 3</b>	
<b>ERC Keyword 4</b>	

**Principal Investigator data**

<b>First name</b>	
<b>Last name</b>	
<b>Gender</b>	
<b>Current position in the Organisation (RTDb, RTDa, Postdoc fellow)</b>	
<b>Country of residence</b>	
<b>Nationality</b>	
<b>Country of Birth</b>	
<b>Date of Birth (DD/MM/YYYY)</b>	
<b>Place of Birth</b>	
<b>Date of successful defence of the first PhD</b>	
<b>Researcher ID</b>	
<b>SSD</b>	
<b>ORCID</b>	
<b>Period of maternity/paternity leave (from – to)</b>	

**Contact details of the PI**

<b>Current dept/faculty/institute/lab</b>	
<b>Street</b>	
<b>Country</b>	
<b>Phone</b>	
<b>E-mail</b>	



## Scientific proposal template

Please respect the following formatting constraints: Times New Roman, Arial or similar, at least font size, 11, margins (2.0 cm side and 1.5 cm top and bottom), single line spacing.

### 1. Project idea and objectives (up to 2000 characters including spaces and line breaks)

- Please, provide a clear understanding of the objectives of your research proposal and how they will be achieved.

### 2. Extended synopsis of the scientific proposal (max. 5 pages, references do not count towards the page limits)

- Please, provide a concise presentation of the scientific proposal, with particular attention to the ground-breaking nature of your research project and the feasibility of the outlined scientific approach, in compliance with the ERC Starting Grant criterion (ground-breaking nature, ambition and feasibility).
- Please, describe the proposed work in the context of the state of the art of the field.
- Please, outline what is the scientific conceptual/theoretical challenge of your proposal and what will be the expected impact.
- Please outline how your proposal is in line with the FAIR and OPEN SCIENCE principles.

### 3. Gender Equality Plan (up to 2000 characters including spaces and line breaks)

- Please, describe the measures/actions you intend to carry out to promote equal opportunities between men and women or gender balance in the implementation of the research project, in line with the UNIBA Gender Equality Plan.

### 4. Costs of the project

- Please, specify the total cost of the project broken down by cost items.

Cost Items	Amount (euro)	Description
<i>Mobility costs</i>		
<i>Scientific publications</i>		
<i>Investments</i> (application software purchased as proprietary or licensed for use indefinitely; generic equipment such as counters, refrigerators, trolleys, etc.; technological systems and scientific equipment; computer and electronic equipment)		

<i>Purchase of goods and services (up to the 5% of the total budget of the proposal)</i>		
<i>Organization of workshops useful for the project</i>		
<i>Consultancy costs for the drafting of the project proposal</i>		
<b>TOTAL</b>		

**The Applicant  
Signature**



**ERC SEEDS UNIBA**

**Allegato 3**

**Dichiarazione di conformità ai principi DNSH**

**Declaration of compliance with the DNSH principle and the relevant national and European environmental legislation**

The undersigned \_\_\_\_\_, born in \_\_\_\_\_, on \_\_\_\_\_, tax code \_\_\_\_\_ (the “Applicant”), address line \_\_\_\_\_, No. \_\_\_\_\_, city \_\_\_\_\_, Region \_\_\_\_\_, State \_\_\_\_\_, postcode \_\_\_\_\_, phone \_\_\_\_\_, e-mail \_\_\_\_\_,

pursuant to Articles 46 and 47 of Presidential Decree No. 445/2000 and therefore aware of the administrative, civil and criminal liability in the event of false statements, pursuant to Article 76 of the above Presidential Decree, under the agreement referred to in Article 15 of Law 241 of 1990, in relation to the project proposal named \_\_\_\_\_,

**DECLARES UNDER HIS/HER OWN RESPONSIBILITY THAT**

1. The implementation of the project activities, in accordance with Article 17 of Regulation (EU) 2020/852, and subject to further verification through the acquisition of relevant documentation to be produced by the Applicant, is expected not to cause significant harm to environmental objectives, and specifically to the following goals:
  - i. mitigation of climate change, as the activities do not lead to significant greenhouse gases;
  - ii. adaptation to climate change, as the activities do have an increased negative impact on the current and future climate, on the activities themselves or on people, nature or property;
  - iii. sustainable use and protection of water and marine resources, as the activities are not detrimental to the good health of water bodies (surface, groundwater or marine) or harm its quality or reduce its ecological potential;
  - iv. transition to the circular economy, including waste prevention and recycling, as the activities do not result in significant inefficiencies in the use of recovered or recycled materials, increase the direct or indirect use of natural resources, or significantly increase waste or the burning or

- disposal thereof, causing significant long-term environmental damage;
- v. prevention and reduction of air, water and soil pollution, as the activities must not cause increased emissions of pollutants in the air, water or soil;
  - vi. protection and restoration of biodiversity and health of ecosystems, as the activities must not harm the good condition and resilience of ecosystems or the conservation status of habitats and species, including those of interest to the European Union.
2. The research activities within the project do not include “brown” research and innovation activities, pursuant to the Communication of the European Commission 2021/C58/01:
    - i. fossil fuel related activities, including downstream use;
    - ii. activities under the EU Emissions Trading System (ETS) that result in greenhouse gas emission projections that are not lower than the relevant benchmarks;
    - iii. activities related to waste landfills, incinerators and mechanical biological treatment plants;
    - iv. activities where the long-term disposal of waste may cause damage to the environment.
  3. The research activities are compliant with the relevant national and European environmental legislation.

**AND JUSTIFIES THAT**

all the previous declarations, describing how the “do no significant harm” principle has been fulfilled with regards to the environmental objectives, producing appropriate evidentiary documentation, and completing the following table:

<b>Environmental goal</b>	<b>Was the DNSH principle fulfilled with regards to the environmental objective? (Yes/No)<sup>1</sup></b>	<b>Justifications:</b>
Climate change mitigation		
Climate change adaptation		
The sustainable use and protection of water and marine resources		
The circular economy, including waste prevention and recycling		
Pollution prevention and control to air, water or land		
The protection and restoration of biodiversity and ecosystems		

**The Applicant  
Signature**

---

<sup>1</sup> If the research activities do not have a significant impact on the environmental objective, a “Yes” answer can be provided. Justifications must be always provided for each row.

**ERC SEEDS UNIBA**

**Allegato 4**

**Curriculum Vitae del/della proponente**

**Curriculum Vitae (max. 2 pages)**

*Please follow the template below as much as possible. Please respect the following formatting constraints: Times New Roman, Arial or similar, at least font size, 11, margins (2.0cm side and 1.5cm top and bottom), single line spacing.*

**PERSONAL INFORMATION**

Family name, First name:

Researcher unique identifier(s) (such as ORCID, Research ID, etc. ...):

Date of birth:

Nationality:

URL for web site:

• **EDUCATION**

- 200?          PhD  
                  Name of Faculty/ Department, Name of University/ Institution, Country  
                  Name of PhD Supervisor
- 199?          Master  
                  Name of Faculty/ Department, Name of University/ Institution, Country

• **CURRENT POSITION(S)**

- 201? –          Current Position  
                  Name of Faculty/ Department, Name of University/ Institution/ Country
- 200? –          Current Position  
                  Name of Faculty/ Department, Name of University/ Institution/ Country

• **PREVIOUS POSITION(S)**

- 200? – 200?    Position held  
                  Name of Faculty/ Department, Name of University/ Institution/ Country
- 200? – 200?    Position held  
                  Name of Faculty/ Department, Name of University/ Institution/ Country

• **FELLOWSHIPS AND AWARDS**

200? – 200? Scholarship, Name of Faculty/ Department/Centre, Name of University/ Institution/  
Country  
200? Award, Name of Institution/Country  
199? – 199? Scholarship, Name of Faculty/ Department/Centre, Name of University/ Institution/  
Country

• **TEACHING ACTIVITIES (if applicable)**

200? – Teaching position – Topic, Name of University/ Institution/ Country  
200? – 200? Teaching position – Topic, Name of University/ Institution/ Country

• **ORGANISATION OF SCIENTIFIC MEETINGS (if applicable)**

201? Please specify your role and the name of event / Country  
200? Please specify type of event / number of participants / Country

• **INSTITUTIONAL RESPONSIBILITIES (if applicable)**

201? – Faculty member, Name of University/ Institution/ Country  
201? – 201? Graduate Student Advisor, Name of University/ Institution/ Country  
200? – 200? Member of the Faculty Committee, Name of University/ Institution/ Country  
200? – 200? Organiser of the Internal Seminar, Name of University/ Institution/ Country  
200? – 200? Member of a Committee; role, Name of University/ Institution/ Country

• **REVIEWING ACTIVITIES (if applicable)**

201? – Scientific Advisory Board, Name of University/ Institution/ Country  
201? – Review Board, Name of University/ Institution/ Country  
201? – Review panel member, Name of University/ Institution/ Country  
201? – Editorial Board, Name of University/ Institution/ Country  
200? – Scientific Advisory Board, Name of University/ Institution/ Country  
200? – Reviewer, Name of University/ Institution/ Country  
200? – Scientific Evaluation, Name of University/ Institution/ Country  
200? – Evaluator, Name of University/ Institution/ Country

• **MEMBERSHIPS OF SCIENTIFIC SOCIETIES (if applicable)**

201? – Member, Research Network “*Name of Research Network*”  
200? – Associated Member, Name of Faculty/ Department/Centre, Name of University/  
Institution/ Country  
200? – Founding Member, Name of Faculty/ Department/Centre, Name of University/  
Institution/ Country

• **MAJOR COLLABORATIONS (if applicable)**

Name of collaborators, Topic, Name of Faculty/ Department/Centre, Name of  
University/ Institution/ Country

- **CAREER BREAKS (if applicable)**

Exact dates Please indicate the reason and the duration in months.

- **COVID-19 IMPACT TO SCIENTIFIC PRODUCTIVITY (if applicable)**

Please specify which of the following situations apply to you:

- Increased caring responsibility for dependent person, including home schooling of children;
- No access to laboratory facilities, archives, or other necessary facilities;
- No access to field work;
- Adaptation to online teaching;
- Physical and/or mental health issues;
- Other(s)\_\_\_\_\_

*(optional)*

Explain with objective facts how your productivity was affected by the COVID-19 pandemic. There is a limit of 300 characters, spaces and line breaks included.

**Appendix: All current grants and on-going and submitted grant applications of the PI (Funding ID)**

*Mandatory information (does not count towards the page limits)*

**Current grants (Please indicate "No funding" when applicable):**

<i>Project Title</i>	<i>Funding source</i>	<i>Amount (Euros)</i>	<i>Period</i>	<i>Role of the PI</i>	<i>Relation to current ERC proposal<sup>1</sup></i>

**On-going and submitted grant applications (Please indicate "None" when applicable):**

<i>Project Title</i>	<i>Funding source</i>	<i>Amount (Euros)</i>	<i>Period</i>	<i>Role of the PI</i>	<i>Relation to current ERC proposal<sup>1</sup></i>

<sup>1</sup> Describe clearly any scientific overlap between your ERC application and the current research grant or on-going grant application.

**ERC SEEDS UNIBA**

**Allegato 5**

**Track record del/della proponente**

**Early achievements track-record (max. 2 pages)**

*Please respect the following formatting constraints: Times New Roman, Arial or similar, at least font size, 11, margins (2.0 cm side and 1.5 cm top and bottom), single line spacing.*

Provide a list of achievements reflecting the Principal Investigator's track record.

You may include a short narrative describing the scientific importance of the research outputs and the role that the Principal Investigator played in their production, including:

1. ***Up to five publications in major international peer-reviewed multi-disciplinary scientific journals and/or in the leading international peer-reviewed journals, peer-reviewed conferences proceedings and/or monographs of their respective research fields, highlighting those as main author or without the presence as co-author of their PhD supervisor (properly referenced, field relevant bibliometric indicators may also be included); preprints may be included, if freely available from a preprint server (preprints should be properly referenced and either a link to the preprint or a DOI should be provided);***
2. ***Research monographs and any translations thereof;***
3. ***Granted patent(s);***
4. ***Invited presentations to internationally established conferences and/or international advanced schools;***
5. ***Prizes/ Awards/ Academy memberships.***