

## Beatrice Bizzarri

Date of birth: [REDACTED] | Nationality: Italian | Gender: Female |

Phone number: [REDACTED] (Mobile) | Phone number:

[REDACTED] (Work) | Email address: [REDACTED] |

Address: [REDACTED] |

Address: Via Elce di Sotto, 8, 06123, Perugia, Italy (Work)

### • ABOUT ME

I am currently working as fellow at the University of Perugia after 4 years' professional experience in the field of administration at Institute of Chemical Sciences and Technologies "Giulio Natta" CNR-SCITEC of Perugia. I hold a Master degree in "Applied Biomolecular Sciences" with mark 110/110 with honours.

### • WORK EXPERIENCE

01/09/2022 – CURRENT Perugia, Italy

#### RESEARCH FELLOW AT UNIVERSITY OF PERUGIA, UNIVERSITY OF PERUGIA

- Funding scouting initiatives, both national and international, and evaluation of the criteria for participation;
- Planning of activities and resources of existing funded projects;
- Professional, administrative and organizational support for visitors and fellows at DCBB;
- Management of secretarial activities.

2020 – 2022 Perugia, Italy

#### RESEARCH FELLOW AT INSTITUTE OF CHEMICAL SCIENCES AND TECHNOLOGIES "G. NATTA" CNR-SCITEC OF PERUGIA CNR-SCITEC

- Database management of chemical analysis and spectral data in order to ensure the management and access of the results themselves and the processing of periodic reports relating to the scientific activity carried out within the IPERION HS project;
- Database management of chemical analysis and photovoltaic data and their inclusion in websites;
- Funding scouting initiatives, both national and international, and evaluation of the criteria for participation;
- Planning of activities and resources of existing funded projects, management of tools for the dissemination of the results produced (website, conferences, publications), support to scientific and financial reporting;
- Management of secretarial activities of international conferences, in particular: management and updating of conference websites, management of conference e-mail correspondence and in contacting and assisting conference sponsors (correspondence, sponsorship payment management, information);
- Professional, administrative and organizational support for visitors and fellows at CNR-SCITEC and DCBB;
- Management and support to the scientific community through the use of social profiles (Twitter, Instagram and Facebook).

2017 – 2021 Perugia, Italy

**FELLOW AT INSTITUTE OF CHEMICAL SCIENCES AND TECHNOLOGIES "GIULIO NATTA" CNR-SCITEC OF PERUGIA CNR-SCITEC**

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- Database management of chemical analysis and photovoltaic data and their inclusion in websites;
- Funding scouting initiatives, both national and international, and evaluation of the criteria for participation;
- Planning of activities and resources of existing funded projects, management of tools for the dissemination of the results produced (website, conferences, publications), support to scientific and financial reporting;
- Management of secretarial activities of international conferences, in particular: management and updating of conference websites, management of conference e-mail correspondence and in contacting and assisting conference sponsors (correspondence, sponsorship payment management, information);
- Professional, administrative and organizational support for visitors and fellows at CNR-SCITEC and DCBB;
- Management and support to the scientific community through the use of social profiles (Twitter, Instagram and Facebook).

**Website** <http://www.scitec.cnr.it/>

2017 Perugia, Italy

**TRAINING INTERNSHIP EXTRACURRICULAR UNIVERSITY OF PERUGIA - LABORATORY OF GENERAL AND APPLIED MICROBIOLOGY**

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Work planning with the aid of scientific literature, sampling, storage and processing of samples. Management of the work in autonomy and respect of the deliveries, comparison, sense of organization and collaboration in project and group contexts and reception of trainees and Erasmus students.

● **EDUCATION AND TRAINING**

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19/11/2018 Perugia, Italy

**ACQUISITION OF THE 24 CFU FOR FIT REGISTRATION** University of Perugia

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**Address** Department of Philosophy, Social, Human and Educational Sciences, Piazza G. Ermini, 1, 06123, Perugia, Italy |

**Website** <https://www.fissuf.unipg.it/>

2015 – 2017 Perugia, Italy

**TRAINING INTERNSHIP** University of Perugia - Laboratory of General and Applied Microbiology

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Preparation of culture media, techniques of cultivation, isolation and identification of environmental bacteria, molecular methods of extraction of DNA from colony and filter, PCR, electrophoresis and DNA purification. Organizational skills and competences in managing time and work.

25/04/2017 Perugia, Italy

**DEGREE OF APPLIED BIOMOLECULAR SCIENCES (LM-6)** University of Perugia

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**Address** Department of Chemistry, Biology and Biotechnology, Via Elce di Sotto, 8, 06123, Perugia, Italy |

**Website** <https://www.unipg.it/> | **Final grade** 110/110 with honours |

**Thesis** "Applicazione del Next Generation Sequencing alla caratterizzazione delle comunità batteriche"

2016 Perugia, Italy

**TRAINING INTERNSHIP** Azienda Ospedaliera di Perugia-Laboratorio di Microbiologia

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Search for pathogenic bacteria in biological samples, sowing in solid and liquid media, preparation of slides and fresh microscopic examination. Organization, division of work within an analysis and collaboration laboratory.

16/07/2014 Perugia, Italy

**DEGREE OF BIOLOGICAL SCIENCES** University of Perugia

**Address** Department of Chemistry, Biology and Biotechnology, Via Elce di Sotto, 8, 06123, Perugia, Italy |

**Website** <https://www.unipg.it/> | **Final grade** 102/110 | **Thesis** "Infezioni da Streptococco beta emolitico di gruppo B"

2005 Perugia, Italy

**SCIENTIFIC DIPLOMA** Istituto Tecnico per Attività Sociali, Giordano Bruno di PERUGIA (PG)

**Address** Via Mario Angelucci, 1, 06129, Perugia, Italy | **Final grade** 80/100

## ● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	B2	B2	B2	B2	B2
<b>SPANISH</b>	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● DIGITAL SKILLS

Use of data storage and management platforms such as DropBox Google Drive and WeTransfer | Good knowledge of Internet, of Search Engines and of others web resources | Good command of Office package programs such as Word, Excel and Power Point | Website management (WordPress and Joomla) | Use of Social Networks (Facebook, Instagram, Twitter, Pinterest, TikTok, Snapchat, Youtube)

## ● ADDITIONAL INFORMATION

### VOLUNTEERING

2013 - CURRENT MEA Concerti srl-PERUGIA (PG)

**Hostess for musical and cultural events** Ability to relate to a large number of people of different ages and professions. Organization, planning and dynamism.

### IT TRAINING COURSES

02/08/2020

**Corso sull'uso didattico della LIM - 300 ore**

02/08/2020

**Corso sull'utilizzo del Tablet - 300 ore**

02/04/2020

**Corso di CODING - 150 ore**

2018

**Corso WordPress Basic**

2017

**Corso Joomla Basic**

18/06/2017

**ECDL IT-Security - Livello Specialised**

## PUBLICATIONS

### Chemical bond analysis for the entire periodic table: Energy Decomposition and Natural Orbitals for Chemical Valence in the Four-Component Relativistic Framework

- 2023

Sorbelli D.; Belanzoni P.; Storchi L.; Bizzarri O.; Bizzarri B.; Mosconi E.; Belpassi L.  
*Molecular Physics*

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DOI: 10.48550/arXiv.2306.15386

### Modeling the Interaction of Coronavirus Membrane Phospholipids with Photocatalytically Active Titanium Dioxide

- 2023

Soriano-Díaz I.; Radicchi E.; Bizzarri B.; Bizzarri O.; Mosconi E.; Ashraf M. W.; De Angelis F.; Nunzi F.  
*J. Phys. Chem. Lett.*

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DOI: 10.1021/acs.jpcclett.3c01372

### Structural and Optical Properties of Solvated PbI<sub>2</sub> in $\gamma$ -Butyrolactone: Insight into the Solution Chemistry of Lead Halide Perovskite Precursors

- 2020

Radicchi E.; Kachmar A.; Mosconi E.; Bizzarri B.; Nunzi F.; De Angelis F.  
*J. Phys. Chem. Lett.*

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DOI:10.1021/acs.jpcclett.0c01890

## TRAINING COURSES

DOI: 10.48550/arXiv.2306.15386

12/05/2023

Online event "MSCA Postdoctoral Fellowship: How to write a successful proposal"

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29/03/2023 - 30/03/2023

Corso di formazione "PNRR Missione 4 Componente 2: aspetti giuridici, gestione e rendicontazione"

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J. Phys. Chem. Lett.

12/01/2023

Webinar "Come scrivere un Data Management Plan"

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17/11/2022

La fase di preparazione del contratto HORIZON EUROPE: Grant Agreement Preparation (GAP)

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10/11/2022

Webinar "L'iniziativa europea per la riforma della valutazione della ricerca"

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27/10/2022

I CONTROLLI DI REGOLARITA' AMMINISTRATIVO-CONTABILE SU PROCEDURE E SPESE DEGLI INTERVENTI PNRR

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27/06/2022

Corso di formazione su problemi inerenti la salute e la sicurezza nei luoghi di lavoro per i lavoratori del CNR

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16/03/2022 - 16/03/2022

Evento informativo sul bando Prin 2022 MUR

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10/01/2022

Webinar ERC Advanced Grant Call 2022

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14/12/2021

COVID-19: andamento epidemico, vaccini e misure di prevenzione nelle strutture del CNR

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29/11/2021

La prevenzione della corruzione e la trasparenza nei procedimenti di erogazione di sovvenzioni e contributi alla luce delle nuove linee guida ANAC in materia

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24/11/2021

La norma UNI ISO 37001.2016: sistemi di gestione per la prevenzione della corruzione

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22/11/2021

**I sistemi di gestione del rischio di corruzione nella Pubblica Amministrazione**

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16/11/2021 - 17/11/2021

**Aspetti legali e finanziari in Horizon Europe**

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15/11/2021

**La prevenzione della corruzione nell'area di rischio della "gestione economica"**

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10/11/2021

**Bandi ERC in Horizon Europe: novità e accordi ERC-CNR**

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03/11/2021

**Horizon Europe: tutto quello che volete sapere sull'Open Access alle pubblicazioni**

---

25/10/2021

**La prevenzione della corruzione: norme e adempimenti**

---

12/10/2021 - 13/10/2021

**La ricerca collaborativa in Horizon Europe: come scrivere progetti di successo**

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06/10/2021

**Horizon Europe: la strategia per una scienza europea aperta**

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06/2021

**PILLOLE FORMATIVE PER LA PRESENTAZIONE DELLA DOMANDA AL PROGRAMMA SMARTup**

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- Le pillole formative sono articolate in 5 moduli:
- Lean Business Model Canvas;
  - PROBLEM/SOLUTION FIT;
  - PRODUCT/MARKET FIT;
  - Struttura costi/ricavi.

14/12/2020

**"Digital Europe": il programma della Commissione Europea inteso a stimolare gli investimenti in supercalcolo, intelligenza artificiale, sicurezza informatica, competenze digitali avanzate**

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14/10/2020

**Webinar "Il codice di comportamento dei dipendenti pubblici"**

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12/10/2020

**Webinar "La prevenzione della corruzione e la trasparenza negli appalti pubblici"**

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05/10/2020

**Webinar "Prevenzione e contrasto dei fenomeni di corruzione nelle procedure di concorso/assunzione di personale e progressioni di carriera"**

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29/09/2020

**Scoprire il CNR Discovery Service**

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28/09/2020

**Webinar "Prevenzione e contrasto dei fenomeni di corruzione nell'area di rischio delle sovvenzioni, sussidi, contributi, vantaggi economici"**

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21/09/2020

**Webinar "La mappatura dei processi e la valutazione del rischio di corruzione"**

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26/05/2020 - 28/05/2020

**Webinar "Partecipare a Horizon 2020: focus sulle regole finanziarie con particolare riguardo alla posizione del CNR"**

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04/05/2020 - 07/05/2020

**Corso On-line: Laboratorio sull'attività di rendicontazione nel programma Horizon 2020**

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09/12/2019

**La strategia di prevenzione della corruzione ed illegalità alla luce del PNA 2019-2021: la trasparenza e i doveri di comportamento dei dipendenti pubblici, la gestione e stima dei rischi corruttivi e le misure di prevenzione generali e specifiche**

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24/11/2019

**"Partecipare a Horizon 2020: focus sulle regole finanziarie con particolare riguardo alla posizione del CNR"**

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26/06/2019

**La responsabilità disciplinare del pubblico dipendente**

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06/03/2019

**Il portale del partecipante in Horizon 2020: presentazione di una proposta, preparazione del Grant Agreement e rendicontazione**

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## **CONFERENCES AND SEMINARS**

18/09/2023 – 20/09/2023 – Oxford, UK

**6th International Conference on Perovskite Solar Cells and Optoelectronics (PSCO-2023)** Active contribution in the management and organization of the conference.

Link <https://www.pSCO-conference.org/index.php>

12/09/2023 – 15/09/2023 – Perugia, Italy

**49° National Congress of Inorganic Chemistry** Active contribution in the management and organization of the conference.

Link <https://inorg2023.chm.unipg.it/>

26/10/2022 – University of Perugia - Department of Chemistry, Biology and Biotechnology

**Webinar informativo sul BANDO PRIN 2022 PNRR (D.D. MUR n. 1409 - 14/09/2022)**

- Presentation of the call;
- Submission and Evaluation Process;
- Support for the proposal and budget preparation.

## **CONFERENCES AND SEMINARS**

26/09/2022 – 30/09/2022 – Assisi, Italy

**13th International Conference on Relativistic Effects in Heavy-Element Chemistry and Physics (REHE 2020-2022)**

- Website creation and management
- Registration management
- Management of conference e-mail correspondence
- Accommodation for Invited Speakers and organizers
- Contacting and assisting conference sponsors
- Collection of abstracts and BOA creation
- Drafting of the program and organization of the days
- Secretarial activities/Help desk during the conference
- Budget management

Link <https://www.rehe2020.it/>

2019 – 2022 – Virtual Conference

**13th International Conference on Relativistic Effects in Heavy-Element Chemistry and Physics (REHE 2020-2022)**

- Website creation
- Management and updating of conference websites
- Registration management
- Management of conference e-mail correspondence
- Management of Virtual Talks

29/09/2019 – 01/10/2019 – Lausanne, Switzerland

**5th International Conference on Perovskite Solar Cells and Optoelectronics (PSCO-2019)** Active contribution in the management and organization of the conference.

Link <https://www.pSCO-conference.org/>

29/09/2018 – 01/10/2018 – Lausanne, Switzerland

**4th International Conference on Perovskite Solar Cells and Optoelectronics (PSCO-2018)** Active contribution in the management and organization of the conference.

Link <https://www.pSCO-conference.org/>

23/09/2018 – 25/09/2018 – Assisi, Italy

**Conferenza di Dipartimento DSCTM 2018** Support of secretarial activities concerning the conference.

Link <https://www.dsctm.cnr.it/it/conferenza-di-dipartimento-2018.html>

## **PROJECT MANAGEMENT - EUROPEAN PROJECTS**

### **Horizon Europe - Project: 101082176 - VALHALLA - Perovskite solar cells with enhanced stability and applicability**

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- Support in accessing and registering on the Funding & Tenders Portal;
- Preparatory checklist for the online application submission process;
- Support in the compilation of the PART A of the proposal;
- Person/months to be allocated to the project;
- Project effort;
- Budget management.

### **H2020-INFRAIA 2018-2020 - project 871034 IPERION HS: Integrating Platforms for the European Research Infrastructure ON Heritage Science**

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- Construction of integrated timesheets for the staff employed in the project;
- Requests for letters of engagement;
- Budget management.

Link <https://www.iperionhs.eu/>

### **H2020-INFRAEOSC 2018-2020 - project 823782 SSHOC: Social Sciences & Humanities Open Cloud**

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- Construction of integrated timesheets for the staff employed in the project;
- Requests for certificates, declarations and letters of engagement;
- Definition of the hourly cost;
- Construction of the Financial Statement;
- Collection of documentation for other direct costs;
- Budget management.

### **H2020-LCE 2016-2017 - project 764047 ESPRESSO: Efficient Structures and Processes for Reliable Perovskite Solar Modules**

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- Construction of integrated timesheets for the staff employed in the project;
- Requests for certificates, declarations and letters of engagement;
- Definition of the hourly cost;
- Construction of the Financial Statement;
- Collection of documentation for other direct costs;
- Budget management.

Link <https://www.espresso-h2020.eu/>

### **H2020-INFRADEV 2016-2017 - project 739503 E-RIHS PP: The European Research Infrastructure for Heritage Science Preparatory Phase**

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- Construction of integrated timesheets for the staff employed in the project;
- Requests for certificates, declarations and letters of engagement;
- Definition of the hourly cost;
- Construction of the Financial Statement;
- Collection of documentation for other direct costs;
- Budget management.

Link <http://www.e-rihs.eu/>

### **H2020-INFRAIA 2015-2016 - project 654028 IPERION CH: Integrated Platform for the European Research Infrastructure ON Cultural Heritage**

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- Construction of integrated timesheets for the staff employed in the project;
- Requests for certificates, declarations and letters of engagement;
- Definition of the hourly cost;
- Construction of the Financial Statement;

- Collection of documentation for other direct costs;
- Budget management.

Link <http://www.iperionch.eu/>

## **PROJECT MANAGEMENT - NATIONAL PROJECTS**

### **FISR 2020 COVID: Proposte progettuali di ricerca (D.D. MUR n. 562 del 05/05/2020). Un Dispositivo Fotocatalitico Locale a Basso Costo per Sanificazione di Aria Interna (PHOTOCAIR)**

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- Identification of the call;
- Completing of the application;
- Budget management;
- Analysis of the state of the art of scientific literature;
- Construction of integrated timesheets for the staff employed in the project;
- Requests for certificates, declarations and letters of engagement;
- Definition of the hourly cost;
- Construction of the Financial Statement;
- Collection of documentation for financial report;
- Modeling of the phospholipid bilayer on the viral envelope;
- Review of the report.

### **Enel Green Power S.p.A. - ARS01\_00519 - BEST4U - Tecnologia per Celle Solari Bifacciali ad alta efficienza a 4 terminali per "utility scale"**

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- Construction of integrated timesheets for the staff employed in the project;
- Requests for certificates, declarations and letters of engagement;
- Definition of the hourly cost;
- DSAN of employees;
- Budget management.

### **MIUR - PRIN 2015: contract n. 20155LECAJ PERSEO - PERovskite-based Solar Cells: towards high Efficiency and long-term stability**

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- Construction of integrated timesheets for the staff employed in the project;
- Budget management.

### **PON - SHINE - Potenziamento dei Nodi Italiani in E-RIHS - Rafforzamento del capitale umano**

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Collection of all the documentation relating to the selection and contracting procedures for the research grants that have been activated.

## **PROJECT MANAGEMENT - INTERNATIONAL PROJECTS**

### **ITALY-INDIA JOINT SCIENCE AND TECHNOLOGY COOPERATION CALL FOR JOINT PROJECT PROPOSALS FOR THE YEARS 2021-2023**

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- Completing of the application;
- Management of correspondence between India and Italy.

### **Joint Bilateral Agreement CNR/National Scientific and Technical Research Council (Argentina) Biennial Programme 2021-2022**

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- Planning of project reporting deadlines;
- Collection of documentation for financial report;
- Budget management.

## **PROJECTS PROPOSALS**

### **ITALY-CHINA SCIENCE AND TECHNOLOGY COOPERATION CALL FOR JOINT RESEARCH PROPOSALS FOR THE YEARS 2023-2025**

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- Completing of the application;
- Management of correspondence between China and Italy.



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**Horizon Europe - proposal 101084474 - PERSEID - Perovskite stable design for solar cell devices**

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- Support in accessing and registering on the Funding & Tenders Portal;
- Preparatory checklist for the online application submission process;
- Support in the compilation of the PART A of the proposal;
- Person/months to be allocated to the project;
- Project effort;
- Budget management.

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**Horizon Europe - proposal - FEARLESS - efficiEnt and stAble tin-perovskite PVs from materiaLs to large Scale moduleS**

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- Person/months to be allocated to the project;
- Project effort;
- Budget management.

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**HORIZON-ERC - proposal - ERC-2022-STG**

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- Support in accessing and registering on the Funding & Tenders Portal;
- Preparatory checklist for the online application submission process;
- Support in the compilation of the PART A of the proposal;
- Person/months to be allocated to the project;
- Project effort;
- Budget management.

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**PROJECT MANAGEMENT - PNRR PROJECTS**

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**National Centre for HPC, Big Data and Quantum Computing-HPC (Centro Nazionale 01-CN000013) CUPB93C22000620006**

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*Piano Nazionale di Ripresa e Resilienza, Missione 4 Componente 2 Investimento 1.4 "Potenziamento strutture di ricerca e creazione di "campioni nazionali di R&S" su alcune Key Enabling Technologies" finanziato dall'Unione europea - Next Generation EU*

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**"Network 4 Energy SustainableTransition"-NEST (Partenariato Esteso - PE0000021) CUP B53C22004060006**

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*Piano Nazionale di Ripresa e Resilienza, Missione 4, Componente 2, Investimento 1.3 - Creazione di "Partenariati estesi alle università, ai centri di ricerca, alle aziende per il finanziamento di progetti di ricerca di base", finanziato dall'Unione europea - NextGenerationEU"*

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**"Cultural Heritage Active Innovation for Sustainable Society (CHANGES)" (Partenariato Esteso - PE0000020) CUP B53C22003890006**

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*Piano Nazionale di Ripresa e Resilienza, Missione 4 "Istruzione e ricerca" - Componente 2 "Dalla ricerca all'impresa" - Investimento 1.3, finanziato dall'Unione europea - NextGenerationEU*

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**"Innovation, digitalisation and sustainability for the diffused economy in Central Italy - VITALITY" (Ecosistemi dell'innovazione - ECS\_0000041) CUP J97G22000170005**

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*Piano Nazionale di Ripresa e Resilienza, Missione 4, Componente 2, Investimento 1.5 - Creazione e Rafforzamento di "Ecosistemi dell'innovazione per la sostenibilità", costruzione di leader territoriali di R&S, finanziato dall'Unione europea - NextGenerationEU"*

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**PROPOSAL REJECTED:**

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**CNR/NSFC call - Sequential-flow Modular Synthesis of Drug Intermediate of COVID-19 Beclabuvir**

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- Completing of the application;
- Management of correspondence between China and Italy.

**H2020-ERC2020SyG - Proposal number:SEP-210635734 - Proposal acronym: PERFORM**

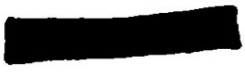
- Completing of the Proposal Submission Forms (General information, Participants & contacts).

**H2020 - proposal 101017775 - WISELY - Proposal acronym: FETPROACT**

- Person/months to be allocated to the project;
- Project effort;
- Budget management.

*Autorizzo il trattamento dei miei dati Personali ai sensi del Dlgs 196 del 30 giugno 2003 e dell'art. 13 GDPR*

Perugia , 08/08/2023

  
Beatrice Bizzarri

*Autorizzo il trattamento dei miei dati Personali ai sensi del Dlgs 196 del 30 giugno 2003 e dell'art. 13 GDPR*

Perugia