

# Biagio Di Pietro



## RESEARCHER

### CONTACT

✉ [biagio.dipietro@studenti.unicam.it](mailto:biagio.dipietro@studenti.unicam.it)

🌐 [linkedin.com/in/biagio-di-pietro-160b57176](https://www.linkedin.com/in/biagio-di-pietro-160b57176)

### EDUCATION

#### Utrecht University

MSc in Biofabrication

September 2019-August 2021

GPA: 7.3/10

- Literature review: Patient-specific implants for Osteochondroma and Giant cell Tumour of the Bone
- Erasmus trainee in i3S Institute of Porto, Portugal

#### Università degli Studi di Camerino

BSc in Biotechnology

October 2016-July 2019

110/110 Magna cum laude

- Member of the School of Superior Studies 'Carlo Urbani' under the supervision of Prof. Guido Favia
- Exchange student in Jilin Agricultural University, Changchun, China
- Erasmus student in University of Aberdeen, Scotland

### LANGUAGES

Italian-Mother tongue

Chinese - Advanced

Inglese - Advanced

Francese - Intermediate

### WORK EXPERIENCE

#### Research Fellow for H2020 'IPC INDIVIDUALIZED PAEDIATRIC CURE'

Institute for applied mathematics CNR "Mario Picone" | March 2022 - present

- Winner of a research grant in the Institute for applied mathematics of the CNR, under the supervision of Dr. Christine Nardini
- Bioinformatic analysis for the comprehension of (anti-) inflammatory phenomena

#### Research Fellow for MEDIA

Institute for applied mathematics CNR "Mario Picone" | March 2022 - present

- Winner of a scholarship for MEDIA (High efficiency diagnostics for the osteoarticular patients)
- Traineeship in computational analysis using R at the IAC-CNR of Naples

#### HR for Universitat Rovira i Virgili

Universitat Rovira i Virgili | September 2021 - November 2021

- Selected candidates for 3 PhD projects in the field of Bioengineering, funded by the Marti-Franquès COFUND

#### Bioengineered 3D Microenvironments Intern

i3S Porto | November 2020 - July 2021

Biomaterial-guided formation of cell-laden microgels as vascularized bone units

- Microgel formation
- MSC culture under basal and osteogenic conditions
- Bone-mimicking scaffold 3D-printing

## WORK EXPERIENCE

### **Biofabrication/Orthopaedics Intern**

Hubrecht Institute | November 2019 - October 2020

Biofabrication of a neural tissue network

- Designed innovative formulations for hydrogels
- Produced functionalized hyaluronic acid hydrogels

## ADDITIONAL EXPERIENCE

### **Environmental Volunteer for Legambiente**

Legambiente Trani | September 2021 - current

- Organize clean-ups
- Raise awareness on environmental issues with rallies or marches
- Designed projects to restore abandoned buildings for the community

### **Volunteer for AFS Italy**

Intercultura Macerata | August 2015 - August 2019

- Coordinated a team of more than 6 people
- Managed a fund of 3000 euros to advertise the activity of AFS in the region
- Attended seminars and symposiums