

SAMUELE BALDINI - CV

Samuele Baldini is a PhD student in Chemistry at the University of Florence, working on PDMS-based sponges and organogels for the safe cleaning of modern and contemporary artworks. His research integrates materials science, analytical chemistry, and conservation, focusing on sustainable systems with tailored rheological and physicochemical properties. He earned his MSc in Environmental Chemistry and Cultural Heritage *cum laude*, with a thesis developed between Florence and Chimie ParisTech-PSL on microfluidic extraction systems using functional polymers. He has conducted international research during a 6-month Erasmus+ period in Paris, focusing on microfluidic integration of selective chemical and biological modules. He has presented his work in national and international conferences, and co-authored two peer-reviewed publications in conservation and environmental chemistry. He is a member of the Italian Chemical Society and of the CSGI Consortium.