

Via San Donato 76, Lucca, Italy 🏠

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mormino@chalmers.se ✉️

MAURIZIO MORMINO | CV

PhD student with experience in biochemistry, clinical lab and cell metabolism. Currently running a PhD Project, focused on the development of a biosensor capable to report intracellular concentration of acetic or lactic acid at Chalmers University of Technology (Gothenburg) – Department of Biology and Biological Engineering, Division of Industrial Biology, in Yvonne Nygård research group. Possessing strong microscopy and CRISPR/Cas9 gene editing experience.



EDUCATION

June 2013 – Sep 2018 **Master in Molecular and Cellular Biology** | University of Pisa, Italy.

Sep 2006 – Sep 2012 **Bachelor in Biological and Molecular Sciences** | University of Pisa, Italy.

PROFESSIONAL EXPERIENCE

June 2017 – June 2018 **Biology Researcher** | Chalmers University of Technology, Department of Biology and Biological Engineering, Division of Systems and Synthetic Biology, Gothenburg, Sweden
Performing the study of the morphological changes in yeast mitochondria (*S.cerevisiae*) across the cell cycle in different media, using a new strain (specific for mitochondria visualization) created during the project with a CRISPR/Cas9 technique.

Sep 2012 – June 2013 **Clinical Analysis Intern** | Casa di cura privata M.D. Barbantini, Lucca, Italy
Performing the analyses of biological samples (blood, urine and faeces); organizing the biological samples and preparing them for examination; preparing the machines for the examination; interpreting the samples (urine in particular); describing the cells and bacteria in the samples; applying the UV microscope to analyze the samples; studying the academic material provided by the organization for professional improvement.

Sep 2012 – May 2012 **Biology Researcher** | University of Pisa, Biology Department, Italy
Performing purification and characterization of Leucil-AminoPeptidase (LAP) from limpet; performing research on LAP and analyzing the results.

Sep 2008 – June 2010 **After-School Instructor** | Scuola Leonardo da Vinci, Lucca, Italy
Teaching biological and other sciences to groups of secondary school children; tutoring the students on the issues of the basic biology and providing outside-school assistance to them.

PUBLICATION

Mar 2016 **”Purification and Characterization of a Cys-Gly Hydrolase from the Gastropod Mollusk *Patella caerulea*”** Cappiello M, Spinelli M, Mormino M, Renzone G, Scaloni A, Moschini R, Balestri F, Mura U, Del Corso A | Taylor & Francis – Journal of Enzyme Inhibition and Medicinal Chemistry (online version).

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LANGUAGE SKILLS

Italian	Native.
English	B2. Intermediate/advanced user (8/12 GESE (Graded Examinations in Spoken English) level Trinity college of London.
French	Intermediate User.
Spanish	Intermediate User.

COMPUTER SKILLS

Competent in	R-Studio Software; CLC Sequence Viewer – QIAGEN Bioinformatics. ImageJ/Fiji NIH; Adobe Illustrator; Microsoft Office (MS excel, Word, PowerPoint);
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EXTACURRICULAR ACTIVITIES

Sep 2013 – Sep 2015	DJ for a local Radio (Garage Radio), Lucca, Italy Hosting the general program; arranging music; interviewing and corresponding at the music events.
Sep 2011 – Sep 2013	Volunteer Social and Sports Association “Gli Amici di Alessio ONLUS”, Lucca, Italy Carrying the role of the volleyball team captain.
Sep 2007 – Sep 2013	Volunteer Musician Historical Reenactment Organization “Compagnia Balestrieri di Lucca”, Lucca, Italy Playing drums and flags; carrying responsibility for kids-teaching program of the flags players group (2 years), holding the position of the member of the Association council (3 years). <u>Achievement</u> : Fifth place in the F.I.S.B. Flag National Championship 2012 for the couple exhibition.
Sep 2001 – July 2006	Vice Chief and Volunteer Musician Historical Reenactment Organization “Associazione Contrade San Paolino”, Lucca, Italy Playing drums (5 years); carrying the position of the vice chief responsible