

Andrea Pagano - Curriculum Vitae

Born in Agrigento (Italy), 28 February 1991. Bachelor Degree with honours in *Biological Science* at University of Pavia (Italy) in 2013. Master Degree with honours in *Molecular Biology and Genetics* at University of Pavia (Italy) in 2015.

Since 2015 - PhD Fellowship from IUSS-Scuola Universitaria Superiore Pavia (www.iusspavia.it), PhD Program in Biomolecular Sciences and Biotechnology. Research project: “*Chromatin remodeling and DNA repair in the context of seed pre-germinative metabolism*”. The scientific activity focuses on the molecular mechanisms involved in chromatin remodeling and DNA damage response during seed germination in the model systems *Medicago truncatula* and *Petunia hybrida*.

2016. Grant to attend the WG2 Meeting - Phenotyping at the cell level - COST FA1306 (www.cost.eu/COST_Actions/fa/FA1306), Versailles (France) (1-2 February, 2016), with the poster “Assessing the role(s) of *PhTRRAP* (Transformation/transcription domain Associated Protein) and co-expressed chromatin remodeling genes during *Petunia hybrida* seed imbibitions”.

2017. One-month stage at the Plant Biotechnology Laboratory - Instituto De Tecnologia Química e Biológica António Xavier - Universidade Nova de Lisboa (ITQB-UNL), Oeiras (Portugal) (www.itqb.unl.pt/). Supervisors: Prof. Pedro Fevereiro, Dott. Susana Araújo. Advanced training in bioinformatics and System Biology. Elaboration of Metabolomic and Transcriptomic data concerning the response of *Medicago truncatula* seeds to chromatin remodeling inhibitors. ‘*Trees in tubes - Plant Biology Experimental Lab for Kids*’. In the frame of the ‘UniversalMente’ project sponsored by University of Pavia and local Chamber of Commerce at ‘Autunno Pavese’ (www.autunnopavesedoc.it). Pavia, 22-25 September. European Biotech Week (www.biotechweek.org). ‘*Scienziati in prova*’: Plant Biology Experimental Lab (*Agrobacterium tumefaciens*-mediated genetic transformation of spinach) at the Department of Biology and Biotechnology ‘L. Spallanzani. Pavia, 29 September.

Tutoring and teaching. Teaching Assistant (Cultore della Materia) for Lt and LM (Biology, Biotechnology). Selected as Qualified Tutor for supervising Laboratory activities dedicated to high school students in the frame of “Piano Nazionale Lauree Scientifiche (PNLS) 2014-16, Biologia e Biotecnologie (DM 976/2014, art. 3 comma 4 e 5 e art. 4)” at the Department of Biology and Biotechnology ‘L. Spallanzani’ - University of Pavia (Italy). (<http://dbb.unipv.it/category/pnls/>). Head of the project: Prof. Edda De Rossi.

Co-author of 4 publications on peer-review journals, 2 book chapters and 10 communications to national and international congresses.