

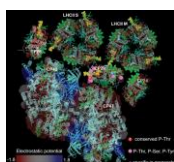
University of Verona Department of Biotechnology



Laboratory of Photosynthesis and Bioenergy

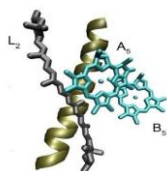
We are recruiting a PhD Student with competence in molecular biology and/or biochemistry and/or biophysics to be employed within the framework of the Marie Curie TMR project "S2B". The S2B network includes 12 European laboratories and companies which cooperatively develop research on photosynthetic energy conversion into biomass and biofuels. Salary is competitive and include benefits.

The successful candidate:



- is within 5 years from her/his master degree.
- is strongly motivated to carry on competitive research in molecular biosciences.
- has interest on protein structure and function.
- has no PhD title.
- is not an Italian citizen and/or has not been working in Italy in the last two years.

The research project:



Focuses on the structure/function of LHCSR and PSBS proteins and their interactions with photosynthetic supercomplexes. The work will include the mutation analysis of recombinant LHCSR and PSBS proteins regulating photosynthetic light use efficiency in unicellular algae and plants upon expression into homologous and heterologous systems. Identification of interactors of these two protein within photosystem I and II supercomplexes. Structural analysis of recombinant LHCSR expressed in Tobacco. –The program can be modulated according to the characteristics of the candidate.

The research group in at Verona University is composed of three professors, three post- doctoral fellows 6 PhD students plus master students and is equipped for competitive research.

Roberto Bassi (Supervisor) (<https://scholar.google.it/citations?user=-SNf1wMAAAAJ&hl=it&oi=ao>)

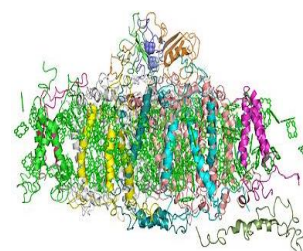
Luca Dall'Osto (<https://scholar.google.it/citations?user=Vez7HM8AAAAJ&hl=it&oi=ao>)

Matteo Ballottari:

(https://scholar.google.it/scholar?q=author%3A%22Matteo+Ballottari%22&hl=it&as_sdt=0%2C5)

References:

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For contact: Roberto Bassi E.mail: Roberto.Bassi@univr.it. Candidate should send their CV with Graduation and Master diploms with notes, a letter of intent and the name of two scientists who can offer recommendation.