

Marina Lotti graduated in Biological Sciences in Milano and got her PhD in Sciences (Naturwissenschaften) at the Max-Planck-Institut fuer Molekulare Genetik in Berlin (Germany) with a thesis of the structure of ribosomes. Presently she is a full Professor of Biochemistry at the University of Milano-Bicocca, where she leads the Laboratory of Protein Engineering and Industrial Enzymology.

Currently she serves as the Head of the Department of Biotechnology and Biosciences and is a member of the Academic Senate and of the Board for the Quality of Research (PQA) of the University.

Major research topics concern enzymes employed in biocatalysis, and proteins isolated from psychrophilic organisms, in particular enzymes active at low-temperature and ice binding proteins. Another relevant issue is protein folding and misfolding, related to the aggregation of recombinant proteins to form inclusion bodies. These studies employ a combined approach of mutagenesis (both directed evolution and site directed mutagenesis) and biochemical and biophysical characterization.

Research activity is performed in collaboration with several other groups of the Department and with national and international teams.

Teaching is in the frame of the Bachelor and Master degrees in Biotechnology (Biochemistry and Industrial Biochemistry) and of the PhD program in Converging technologies for biomolecular systems. She is one of the directors of the European Summer School of Industrial Biotechnology (<http://www.essib.eu/>) and one of the organizers of the UNIMIB Summer School "Towards a Bio-based economy: science, innovation, economics, education". Moreover, ML is involved in the programs of interaction with schools, that are a major goal of the Department.

More about research <https://www.btbs.unimib.it/it/marina-lotti>

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