

Luca Federici

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Education and Training

22/05/1997: "Laurea" in Chemistry –University of Rome “La Sapienza”, Italy.

05/04/2002: Ph.D. in Biochemistry – Department of Biochemistry – University of Rome “La Sapienza”, Italy.

Honours and Positions

From 01/11/1997 to 31/10/1998: Post-Graduate Studentship from the “ Fondazione Adriano Buzzati-Traverso”, University of Rome “La Sapienza”, Italy.

From 01/11/1998 to 31/10/2001: Post-Graduate Studentship from the Italian Minister for Scientific Research (MIUR), University of Rome “La Sapienza”, Italy.

From 01/01/2002 to 05/05/2002: He joins the laboratory of Dr. Ben Luisi with a Wellcome Trust Post-Doctoral Fellowship at the Department of Biochemistry, University of Cambridge, U.K.

From 06/05/2002 to 05/05/2004: He is recipient of a Marie Curie Post-Doctoral Fellowship. He works as a Research Associate at the Department of Biochemistry, University of Cambridge, U.K.

From 01/07/2004 to 31/12/2004: Post-Doctoral Fellowship from the “Fondazione Guido Donegani - Accademia Nazionale dei Lincei”, University of Rome “La Sapienza”, Italy.

From 01/01/2005 to present: Associate Professor in Biochemistry – Faculty of Medicine, University of Chieti “G. D’Annunzio”, Italy.

Dr. Federici studies the structure and function relationships in biological macromolecules using X-ray crystallography as the main source of information. A variety of spectroscopic techniques and bioinformatics are also used to gain insight into the folding, function and evolution of the proteins of interest.

He is currently focusing on the role played in cancer development by nucleophosmin, a human nucleolar protein, and the role played in chemotherapeutic resistance by human

glutathione transferases. Previously he contributed to the fields of innate immunity in plants as a Ph.D. student and later on, and of multidrug resistance in bacteria when he was a post-doctoral fellow in Cambridge.