

Fondazione
Adriano Buzzati - Traverso

Università degli Studi di Milano
Dipartimento di Bioscienze
Via Celoria 26 - 20133 Milano

8th “Giovanni Magni” Lecture

Fondazione
Adriano Buzzati - Traverso

Sede
Dipartimento di Biologia e Biotecnologie
“Lazzaro Spallanzani”
Università degli Studi di Pavia
Via A. Ferrata, 1
27100 Pavia

Segreteria
Viale del Policlinico, 131
00161 Roma
Tel. 336.747424 - Fax 06.90091401
e-mail: buzzatit@tin.it

Milano
22 Ottobre 2012
ore 15,00

Aula G 24
Settore Golgi
Via Golgi, 19
20133 Milano

Programma

Ore 15,00

Benvenuto del Presidente della Fondazione

A. Buzzati - Traverso

Prof. Silvano Riva

Ore 15,15

Prof. Virginia A. Zakian

Department of Molecular Biology

Princeton University

Princeton, NJ, USA

“Pif1 helicases: pushing the replication fork past natural barrier”

Brief Summary of Virginia Zakian's Scientific Career

Virginia A. Zakian is Harry C. Weiss Professor in Life Sciences at Princeton University USA since 2000. Prof. Zakian received a number of honors and prizes in the USA, is member of several scientific societies and has been invited to give lectures in many countries all over the world. She is author of 144 publications on high-impact scientific journals.

Prof. Zakian is a recognized world-wide leader in the two fundamental fields of DNA structure and replication. She has been studying for many years the structure and function of telomeres and her contributions on these subjects are now present in every textbook. She also contributed to the identification of the various proteins interacting with telomeres, and to the characterization of their structural and biochemical functions. More recently, she became interested in understanding the function of the Pif1 family of helicases not only in the biology of telomeres, but also in regulating the progression of DNA replication and its functional crosstalk with transcription.

In addition to her scientific contributions, Prof. Zakian strongly participated in promoting women and under-represented minorities in Science.