

This volume represents one of the three edited by inviting a selection of young researchers participating to the European Young Chemist Award 2008. The other two volumes concern the two different areas of Synthetic Chemistry and Nanotechnology/Material Science and are respectively entitled "Ideas in Molecular Sciences: Advances in Synthetic Chemistry" and "Ideas in Chemistry and Molecular Sciences: Advances in Nanotechnology, Materials and Devices".

This book contains the contributions of selected young chemists from the field of life sciences. The contributions are grouped under the following umbrella topics:

- Biochemical studies
- Drug delivery
- Research in therapeutics
- Enzyme chemistry
- Structure-property relationship and biosensing

This volume is an indispensable read for all Biochemists, Molecular Biologists, Organic Chemists, Pharmaceutical Chemists, Medicinal Chemists interested in seeing what tomorrow's chemistry will look like.



Bruno Pignataro, born in Bologna in 1972, is Professor of Physical Chemistry at the University of Palermo. He received his degree in chemistry in 1995 from the University of Catania and his PhD in materials science five years later. He has helped establish a wide network of international collaborations and organized more than 10 meetings at national and international level, including coordinating the Young Chemists Group of the Italian Chemical Society and chairing the first editions of the European Young Chemist Award. He is a referee for several leading chemistry and materials journals, has more than 70 scientific publications and some 90 conference communications to his name, along with several invited lectures. Professor Pignataro's research interests focus on the related fields of the physical chemistry of molecular surfaces and soft nanotechnologies.

ISBN 978-3-527-32541-2



www.wiley-vch.de

9 783527 325412