

1. Record Nr.	UNINA9910466917303321
Autore	Gogol Nikolai Vasilevich <1809-1852, >
Titolo	Veillees d'Ukraine // Nikolai Gogol ; traduction de Eugenie Tchernosvitow
Pubbl/distr/stampa	[Place of publication not identified] : , : Bibliotheque russe et slave, , [2014] ©2014
ISBN	2-37124-034-6
Descrizione fisica	1 online resource (185 pages)
Collana	Litterature russe
Disciplina	390
Soggetti	Manners and customs Electronic books.
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"1832"--Title page.

2. Record Nr.	UNINA9910830354403321
Titolo	Directed molecular evolution of proteins : or how to improve enzymes for biocatalysis
Pubbl/distr/stampa	[Place of publication not identified], : Wiley VCH, 2002
ISBN	1-280-55837-7 9786610558377 3-527-60064-7
Descrizione fisica	1 online resource (359 pages)
Disciplina	660.6/34
Soggetti	Enzymes - Biotechnology Biocatalysis - Evolution Proteins - Chemical modification Proteins Molecular evolution Combinatorial chemistry Directed Molecular Evolution Protein Engineering Genetic Engineering Genetic Techniques Investigative Techniques Analytical, Diagnostic and Therapeutic Techniques and Equipment Biomedical Engineering Health & Biological Sciences
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Sommario/riassunto	Natural selection created optimal catalysts. However, optimal performance of enzyme catalysis does not necessarily refer to maximum reaction rate. Rather, it may be a compromise between specificity, rate, stability, and other chemical constraints that makes enzymes capable of catalyzing reactions under mild conditions and

with high substrate specificity, accompanied by high regio- and enantioselectivity. The book presented here focuses on the directed evolution of proteins, which has established itself as a powerful method for designing enzymes showing new substrate specificities. It includes a comprehensive repertoire of techniques for producing combinatorial enzyme libraries, while the functional gene expression in a suitable host helps in selecting the appropriate structure, making fast screening a necessity.
