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| 1. Record Nr. | UNICAMPANIASUN0115365 |
| Autore | Moeglin, Colette |
| Titolo | Stabilisation de la formule des traces tordue / Colette Moeglin, Jean-Loup Waldspurger |
| Pubbl/distr/stampa | 2 volumi ; 24 cm |
| Edizione | [[Basel] : Birkhäuser : Springer, 2016] |
| Descrizione fisica | Pubblicazione in formato elettronico |
| Altri autori (Persone) | Waldspurger, Jean-Loup |
| Lingua di pubblicazione | Francese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| ----- | |
| 2. Record Nr. | UNISA990003594630203316 |
| Autore | OUTERS, Jean-Luc |
| Titolo | Le bureau de l'heure : roman / Jean-Luc Outers |
| Pubbl/distr/stampa | Mayenne, : Actes Sud, 2004 |
| ISBN | 2-7427-4899-7 |
| Descrizione fisica | 297 p. ; 19 cm |
| Collana | Un endroit ou aller ; 139 |
| Collocazione | XV.4.A. 2267 |
| Lingua di pubblicazione | Francese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

3. Record Nr.	UNINA9910151785603321
Titolo	Sirtuins // edited by Riekelt H. Houtkooper
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2016
ISBN	94-024-0962-9
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (VIII, 288 p. 30 illus., 24 illus. in color.)
Collana	Proteins and Cell Regulation ; ; 10
Disciplina	614.5999
Soggetti	Cancer research Metabolic diseases Diabetes Molecular biology Cancer Research Metabolic Diseases Molecular Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	General introduction, Riekelt H. Houtkooper -- Biochemistry and Enzymology of Sirtuins, Yue Yang and Anthony A. Sauve -- NAD+ as a pharmacological tool to boost sirtuin activity, Riekelt H. Houtkooper -- Protein lysine acylation: abundance, dynamics and function, Olga Pougovkina and Vincent C. J. de Boer -- SIRT1 in metabolic health and disease, Marie Boutant and Carles Cantó -- Deacetylation by SIRT3 relieves inhibition of mitochondrial protein function, Peter Chhoy, Kristin A. Anderson, Kathleen A. Hershberger, Frank K. Huynh, Angelical S. Martin, Eoin McDonnell, Brett S. Peterson, Laura A. Starzenski, Donald S. Backos, Kristofer S. Fritz, and Matthew D. Hirschey -- SIRT5 reveals novel enzymatic activities of sirtuins, Bin He and Hening Lin -- Diverse roles for SIRT6 in mammalian healthspan and longevity, Bernadette M. M. Zwaans, William Gibling and David B. Lombard -- Sirtuins in cancer – emerging role as modulators of metabolic reprogramming, Jaewon J. Lee, Karina N. Gonzalez Herrera and Marcia C. Haigis -- Sirtuins as metabolic modulators of muscle plasticity, Keir Menzies, Julien Francisco Zaldivar-Jolissaint and Johan Auwerx -- Sirtuins and aging, Carles Cantó and Riekelt Houtkooper --

Sirtuins and the Circadian Clock: Epigenetic and Metabolic Crosstalk, Selma Masri, Marina Maria Bellet and Paolo Sassone-Corsi -- Sirtuin activation by small molecules, Hassina Massudi, Lindsay E. Wu, and David A. Sinclair -- Future perspective, Brian Kennedy -- Index.

Sommario/riassunto

The sirtuin family of proteins (SIRT1-7) received a lot of attention in recent years as they serve as metabolic sensors that control not only metabolism, but also aging and lifespan regulation. As such, sirtuins are strong targets for the treatment of age-related metabolic diseases, including obesity, diabetes, and cancer. Indeed, many research groups as well as pharmaceutical companies discovered food components and/or drugs that target the sirtuins and provide significant health benefits. This book focuses on various aspects of sirtuin biology, from basic biochemistry, via molecular function, to its role in (fighting) human disease.
