1. Record Nr. UNINA9910480942903321

Autore	Jacobson Sandra A. <1953->
Titolo	Clinical laboratory medicine for mental health professionals / / by Sandra A. Jacobson
Pubbl/distr/stampa	Arlington, Virginia : , : American Psychiatric Association Publishing, , [2017] ©2017
ISBN	1-61537-121-4
Descrizione fisica	1 online resource (xvii, 370 pages) : illustrations
Disciplina	616.89
Soggetti	Psychiatry Psychotropic drugs - Analysis Mental Disorders - diagnosis Clinical Laboratory Techniques Psychotropic Drugs - analysis Handbook. Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Abridgement of Laboratory medicine in psychiatry and behavioral science / by Sandra A. Jacobson. 1 st ed. Washington, D.C. : American Psychiatric Pub., c2012.
Nota di bibliografia	Includes bibliographical references (pages 287-293) and index.

2.

Record Nr.	UNINA9910688414503321
Autore	Fukada Toshiyuki
Titolo	Zinc Signaling in Physiology and Pathogenesis / / Toshiyuki Fukada, Taiho Kambe
Pubbl/distr/stampa	Basel : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2018
Descrizione fisica	1 online resource (ix, 279 pages) : illustrations
Disciplina	669.5
Soggetti	Zinc
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The essential trace element zinc plays indispensable roles in multiple cellular processes. It regulates a great number of protein functions, including transcription factors, enzymes, adapters, and growth factors as a structural and/or catalytic factor. Recent studies have highlighted another function of zinc as an intra- and intercellular signaling mediator, which became recognized as the "zinc signal". Indeed, zinc regulates cellular signaling pathways, which enable conversion of extracellular stimuli to intracellular signals, and controls various intracellular and extracellular events, and thus zinc mediates communication between cells. The zinc signal is essential for physiology, and its dysregulation causes a variety of diseases, such as diabetes, cancer, osteoarthritis, dermatitis, and dementia. This Special Issue focuses on crucial roles of zinc signaling in biological processes in molecular and physiological basis, addressing the future directions and questions underlying this unique phenomenon. Because there is growing interest and attention in physiopathological contribution of zinc signal, we believe this Special Issue will provide very timely information on it and thus should appeal to a wide range of readers.