1. Record Nr. UNINA9911007157003321

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Titolo	Signal transduction / / Bastien D. Gomperts, Ijsbrand M. Kramer, Peter E.R. Tatham
Pubbl/distr/stampa	Burlington, M.A. ; ; London, : Elsevier/Academic Press, c2009
ISBN	1-68015-089-8 0-08-091905-7 1-282-28541-6
Edizione	[2nd ed.]
Descrizione fisica	xxvii, 810 p. : col. ill
Altri autori (Persone)	TathamPeter E. R KramerIjsbrand M
Disciplina	571.6
Soggetti	Cellular signal transduction Cellular control mechanisms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: 2002.
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Signal Transduction, 2 e, is a thorough, well-illustrated study in cellular signaling processes. Beginning with the basics, this book shows how cells respond to external cues, hormones, growth factors, cytokines, cell surfaces, etc., and further instructs how these inputs are integrated. Instruction continues with up-to-date, inclusive coverage of intracellular calcium, nuclear receptors, tyrosine protein kinases and adaptive immunity, and targeting transduction pathways for research and medical intervention. Signal Transduction, 2 e, serves as an invaluable resource for advanced undergraduates, graduate researchers, and established scientists working in cell biology, pharmacology, immunology, and related fields. Up-to-date, inclusive coverage of targeting transduction pathways for research and medical intervention In-depth coverage of nuclear receptors, including steps in isolation of steroid hormones and the discovery of intracellular hormone receptors; tyrosine protein kinases and adaptive immunity; and intracellular calcium Extensive conceptual color artwork to assist with comprehension of key topics Instrumental margin notes highlight milestones in signaling mechanisms