Record Nr. UNINA9910141174903321 The AH receptor in biology and toxicology [[electronic resource] /] / **Titolo** edited by Raimo Pohjanvirta Pubbl/distr/stampa Hoboken, N.J., : Wiley, c2012 **ISBN** 1-283-40095-2 9786613400956 1-118-14057-5 1-118-14056-7 1-118-14054-0 Edizione [1st ed.] Descrizione fisica 1 online resource (558 p.) Altri autori (Persone) PohjanvirtaRaimo Disciplina 572.8/845 Polycyclic aromatic hydrocarbons - Toxicology Soggetti Polycyclic aromatic hydrocarbons - Metabolism Dioxins - Toxicology Dioxins - Metabolism Nuclear receptors (Biochemistry) Transcription factors Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto pt. 1. Historical background -- pt. 2. AHR as a ligand-activated transcription factor -- pt. 3. AHR as a mediator of xenobiotic toxicities : dioxins as a key example -- pt. 4. AHR as a physiological regulator. This book provides a thorough and up-to-date overview of the aryl Sommario/riassunto hydrocarbon receptor (AHR) and its unique dual role in toxicology and biology. The coverage includes epigenetic mechanisms, gene expression, reproductive and developmental toxicity, signal transduction, and transgenic animal models. Featuring an internationally recognized team of authors at the forefront of AHR research, this resource provides a comprehensive reference for readers interested in understanding the full spectrum of AHR, from basic concepts, toxicology analysis, and models to polymorphism and related diseases.