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Altri autori (Persone)	WhitleyBlake L ThorntonSarah H
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Nota di contenuto	Molecular imprinting for chiral separation of tryptophan : potentials and prospects / Costas Kiparissides, Olympia Kotrotsiou -- Tryptophan ingestion improves the synthesis of serotonin and melatonin and may be related with delay of some conditions of aging / S. Esteban ... [et al.] -- Role of tryptophan residues in antimicrobial activity and membrane interactions / In-sok Hwang ... [et al.] -- Commentary : health benefits from tryptophan supplementation in humans : is there sufficient scientific evidence? / Daniel Keszthelyi -- Metabolism of tryptophan and evaluation of tryptophan supplementation on fish larval growth and frequency of skeletal deformities / Margarida Saavedra -- Modulation of tryptophan metabolism, promotion of neurogenesis, and alteration of anxiety-related behavior in tryptophan 2,3-dioxygenase-deficient mice / Hiroshi Funakoshi -- Implication of tryptophan 2,3-dioxygenase and its variants for higher brain functions / Masaaki Kanai -- Tryptophan / Javier Cubero Juanez -- Therapeutic application of tryptophan : design of efficient peptidic antibiotics for treatment of gram-negative bacteria superbugs / Mojtaba Bagheri.
Sommario/riassunto	This book presents topical research in the study of the dietary sources, functions and health benefits related to tryptophan. Topics discussed include molecular imprinting for chiral separation of tryptophan; tryptophan ingestion improves the synthesis of serotonin and melatonin and may be related with delay of some conditions of aging; the role of tryptophan residues in antimicrobial activity and membrane

interactions; the health benefits from tryptophan supplementation in humans and the metabolism of tryptophan and evaluation of tryptophan supplmentation on fish larval growth and frequency of skeletal deformities.