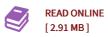




Phytochemicals, Signal Transduction, and Neurological Disorders (Paperback)

By Akhlaq A. Farooqui

Springer-Verlag New York Inc., United States, 2014. Paperback. Condition: New. 2012 ed.. Language: English . Brand New Book ***** Print on Demand *****. Phytochemicals Signal Transduction and Neurological Disorders Phytochemicals are heterogeneous group of bioactive compounds produced by plants, which are extensively researched by scientists for their healthpromoting potentials in human diseases. Unlike vitamins and minerals, phytochemicals are not required for sustaining cell viability, but they play an important role in protecting tissues and cells from the harmful effects of oxidative stress and inflammation. Examples of phytochemicals include catechins, resveratrol, ginkgo biloba, curcumin, and sulfur compounds found in garlic. Although, the precise molecular mechanisms associated with beneficial effects of phytochemicals still remain the subject of intense investigations, but it is becoming increasingly evident that phytochemicals mediate their effects by counteracting, reducing, and repairing the damage caused by oxidative stress and neuroinflammation. In addition, phytochemicals also stimulate the synthesis of adaptive enzymes and proteins through the stimulation of a transcription factor called Nrf2 and induction of phase II detoxifying enzymes. Consumption of phytochemicals induces neurohormetic response that results in the expression of adaptive stress-resistance genes that are responsible for encoding antioxidant enzymes, protein chaperones, and neurotrophic factor (BDNF). Based on the stimulation...



Reviews

This publication is definitely worth buying. It can be loaded with wisdom and knowledge I am easily could possibly get a satisfaction of looking at a composed publication.

-- Rhiannon Steuber

Very helpful to all type of individuals. It really is rally interesting throgh looking at time. Its been designed in an extremely basic way which is just soon after i finished reading this pdf through which basically modified me, change the way i believe.

-- Tyshawn Brekke

See Also



Potty in the Potty Chair

Little Fig, LLC, United States, 2015. Paperback. Book Condition: New. Deb McQueen (illustrator). 216 x 216 mm. Language: English. Brand New Book ***** Print on Demand *****. My oldest son was fascinated with games. So, of course, I thought of games to...



The love of Winnie the Pooh Pack (Disney English Home Edition) (Set of 9)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback Pages Number: 1224 Language: English. Disney Home Edition English English enlightenment and good partners Disney English Home Edition series of...



Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand ******. The Children's Handwriting Book of Alphabets and Numbers provides extensive focus on alphabet tracing and number tracing for the...



I Am Reading: Nurturing Young Children's Meaning Making and Joyful Engagement with Any Book

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English. Brand New Book. It s vital that we support young children's reading in ways that nurture healthy reading identities, that foster an attraction to...



Coping with

Chloe

Phoenix Yard Books. Paperback. Book Condition: new. BRAND NEW, Coping with Chloe, Rosalie Warren, Anna and Chloe are twins. They share everything. Even Chloe's terrible accident hasn't split them apart. But Anna is beginning to realise that being inseparable isn't always easy....



Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for