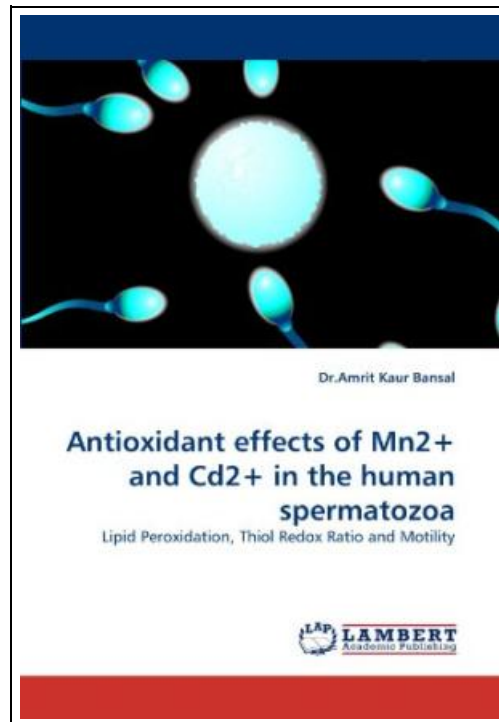


Antioxidant effects of Mn²⁺ and Cd²⁺ in the human spermatozoa



Filesize: 1.74 MB

Reviews

The publication is great and fantastic. I actually have read through and i am sure that i am going to planning to go through yet again yet again down the road. I realized this pdf from my dad and i encouraged this publication to understand.
(Jamarcus Runolfsson)

ANTIOXIDANT EFFECTS OF MN²⁺ AND CD²⁺ IN THE HUMAN SPERMATOZOA

[DOWNLOAD](#)

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Lipid Peroxidation, Thiol Redox Ratio and Motility | Gametes are susceptible to reactive oxygen species (ROS) attack. When manipulated in vitro during assisted reproductive techniques (ARTs), these cells run the risk of generating and being exposed to supra-physiological level of ROS. It is clear that oxidative stress and free radicals can have a significant impact on artificial insemination (AI) and in vitro fertilization (IVF) outcome. This study on the fresh human spermatozoa is undertaken to induce oxidative stress by nicotine, hydrogen peroxide, ferrous ascorbate (FeAA) and combination of FeAA and nicotine. To reduce this caused stress by antioxidants (Mn²⁺ and Cd²⁺) in order to suggest the possible factor(s) /additive(s) for increasing the fertilizing potential which is otherwise decreasing in man. The results conclude that the antioxidants such as Mn²⁺ and Cd²⁺ serve as effective antioxidant therapies in human spermatozoa to overcome excessive ROS generation and the oxidative damages produced by them. It is suggested that antioxidant supplementation could be of clinical importance in prolonging the spermatozoa storage for ART procedure. This research work will be helpful for the students, teachers, researchers, medical fraternity. | Format: Paperback | Language/Sprache: english | 72 pp.

[Read Antioxidant effects of Mn²⁺ and Cd²⁺ in the human spermatozoa Online](#)[Download PDF Antioxidant effects of Mn²⁺ and Cd²⁺ in the human spermatozoa](#)

Other PDFs



California Version of 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. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

[Read ePub »](#)



Becoming Barenaked: Leaving a Six Figure Career, Selling All of Our Crap, Pulling the Kids Out of School, and Buying an RV We Hit the Road in Search Our Own American Dream. Redefining What It Meant to Be a Family in America.

Createspace, United States, 2015. Paperback. Book Condition: New. 258 x 208 mm. Language: English . Brand New Book ***** Print on Demand *****.This isn't porn. Everyone always asks and some of our family thinks...

[Read ePub »](#)



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso's groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

[Read ePub »](#)



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download...

[Read ePub »](#)



Preventing Childhood Eating Problems : A Practical, Positive Approach to Raising Kids Free of Food and Weight Conflicts

Book Condition: Brand New. Book Condition: Brand New.

[Read ePub »](#)

**The Preschool Church Church School Lesson for Three to Five Year Olds by Eve Parker 1996 Paperback**

Book Condition: Brand New. Book Condition: Brand New.

[Read PDF »](#)

**Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann**

CRAM101, United States, 2013. Paperback. Book Condition: New. 279 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****.Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and

[Read PDF »](#)

**Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452**

2011. Softcover. Book Condition: New. 6th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,

[Read PDF »](#)

**Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home**

Random House USA Inc, United States, 2009. Paperback. Book Condition: New. 2nd. 229 x 185 mm. Language: English . Brand New Book. Provide a solid education at home without breaking the bank. Introduced in 2000,

[Read PDF »](#)

**Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**

Book Condition: Brand New. Book Condition: Brand New.

[Read PDF »](#)