The Influence of 3-Hydroxybutyrate and Microcurrent Treatment on Cardiomyocytes During Simulated Hypertrophy



Filesize: 6.68 MB

Reviews

These kinds of ebook is the perfect publication offered. It is among the most incredible publication i have go through. You will not feel monotony at whenever you want of your time (that's what catalogues are for concerning if you check with me). (Delia Schoen)

THE INFLUENCE OF 3-HYDROXYBUTYRATE AND MICROCURRENT TREATMENT ON CARDIOMYOCYTES DURING SIMULATED HYPERTROPHY



To read The Influence of 3-Hydroxybutyrate and Microcurrent Treatment on Cardiomyocytes During Simulated Hypertrophy PDF, please refer to the web link under and download the ebook or get access to other information which might be in conjuction with THE INFLUENCE OF 3-HYDROXYBUTYRATE AND MICROCURRENT TREATMENT ON CARDIOMYOCYTES DURING SIMULATED HYPERTROPHY ebook.

GRIN Verlag. Paperback. Condition: New. 72 pages. Dimensions: 8.1in. x 5.7in. x 0.2in.Bachelor Thesis from the year 2010 in the subject Biology - Micro- and Molecular Biology, grade: 2, 0, FH Campus Vienna - University of Applied Sciences (Molekulare Biotechnologie), language: English, comment: Eine Bachelorarbeit, die den Einfluss von 3-Hydroxybutyrate und geringen Strombehandlungen auf die Entwicklung von Hypertrophie in primren Zellkulturen sowie Zelllinien untersucht. Der theoretische Teil fasst die aktuellen Erkenntnisse ber die Entwicklung von Hypertrophie und chronischem Herzversagen auf zellulrer Ebene zusammen. , abstract: Chronic Heart Failure (CHF) is combined with various metabolic shifts. The continuous adrenergic stress results in a metabolic shift increasing glycolysis similar to a fetal metabolism. However also insulin resistance (IR) was reported triggering low glucose uptake and mitochondrial uncoupling and therefore reactive oxygen species (ROS) production reduce cardiac contractility. The adrenergic increased free fatty acids (FFA) are metabolized to ketone bodies (mainly -hydroxybutyrate (OHB)) which are also energy stocks for brain and heart. Elevated blood ketone levels have been reported during CHF similar to diabetes. Clinically a correlation between ketone body blood level and severity of CHF has been discovered. However it remains unclear whether this is a result of metabolic changes or a compensatory mechanism. The aim of this study was to show, that rat cardiomyocytes (H9c2) treated with Phenylephrine (PE) for hypertrophy are slightly more susceptible to OHB at concentrations similar found in patients with CHF and that OHB reduces cell area significantly. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.

- Read The Influence of 3-Hydroxybutyrate and Microcurrent Treatment on Cardiomyocytes During Simulated Hypertrophy Online
- Download PDF The Influence of 3-Hydroxybutyrate and Microcurrent Treatment on Cardiomyocytes During Simulated Hypertrophy
- Download ePUB The Influence of 3-Hydroxybutyrate and Microcurrent Treatment on Cardiomyocytes During Simulated Hypertrophy

Related Kindle Books



[PDF] 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

Access the link under to download and read "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" file.

Download Document »



[PDF] History of the Town of Sutton Massachusetts from 1704 to 1876

Access the link under to download and read "History of the Town of Sutton Massachusetts from 1704 to 1876" file.

Download Document »



[PDF] Republic 3: The Gods of War

 $Access \, the \, link \, under \, to \, download \, and \, read \, "Republic \, 3: \, The \, Gods \, of \, War" \, file.$

Download Document »



[PDF] Water From The Well: Sarah, Rebekah, Rachel, and Leah

Access the link under to download and read "Water From The Well: Sarah, Rebekah, Rachel, and Leah" file.

Download Document »



[PDF] Influence and change the lives of preschool children(Chinese Edition)

Access the link under to download and read "Influence and change the lives of preschool children (Chinese Edition)" file.

Download Document »



[PDF] The World is the Home of Love and Death

Access the link under to download and read "The World is the Home of Love and Death" file.

Download Document »



[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Shops (Hardback)

Access the link listed below to download "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Shops (Hardback)" PDF file.

Read Document »



[PDF] Fox on the Job: Level 3

Access the link listed below to download "Fox on the Job: Level 3" PDF file.

Read Document »



[PDF] Tiger Tales DK Readers, Level 3 Reading Alone

Access the link listed below to download "Tiger Tales DK Readers, Level 3 Reading Alone" PDF file.

Read Document »



[PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

Access the link listed below to download "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" PDF file.

Read Document »



[PDF] Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930

Access the link listed below to download "Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930" PDF file.

Read Document »



[PDF] The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3

Access the link listed below to download "The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3" PDF file.

Read Document »