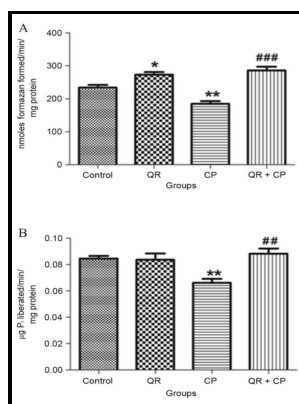


Studies on the effects of phenols on mitochondria.

University of East Anglia - Anti



Description: -

-Studies on the effects of phenols on mitochondria.

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Notes: Thesis (Ph.D.) - University of East Anglia, School of Biological Sciences, 1970.

This edition was published in 1970



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Tags: #Superoxide #Formation #in #Cardiac #Mitochondria #and #Effect #of #Phenolic #Antioxidants

Superoxide Formation in Cardiac Mitochondria and Effect of Phenolic Antioxidants

In autism the balance of gastro-intestinal hormones seems to be altered, possibly due to the interaction between sulphation and digestive peptide hormones.

Effect of mitochondrial uncouplers niclosamide ethanolamine (NEN) and oxyeclozanide on hepatic metastasis of colon cancer

Gastrin is active when sulphated, and so is cholecystokinin CCK , a peptide active in both the gut and the brain.

Effect of chlorophenols on isolated plant mitochondria activities: A QSAR study

Eliminate exposure to exhaust fumes, paint fumes, tobacco, carbon tetrachloride, organo-phosphorus pesticides, and the preservatives BHT and BHA. The GI 50 growth inhibition defined in this study is the same for all tumor cells ~500 nM , which is consistent with the efficacious mitochondrial uncoupling concentrations in mammalian cells documented in our published and current studies. It is critical that we identify these environmental poisons and eat a diet that supports this dysfunctional metabolism.

The effects of statins on mitochondrial function

Cell Biochem Biophys 77, 99—107 2019.

Effect of phenol and halogenated phenols on energy transfer reactions of rat liver mitochondria

Our study also provided prototype compounds, which could be potentially derivatized based on the mitochondrial uncoupling activity for the development of new anti-cancer therapeutics. When the Phase II glucuronidation pathway is overloaded, more of the work falls to the Phase II sulfation pathway. Owens 1998 has drawn the attention to the importance of sulphation issues in chemical bodies called GAGs Glucosyl Acetyl Glucosamines which have huge implications for many functions including brain development.

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