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2. study conducted with a non-animal model (e.g. plants, fungi, protists, bacteria)
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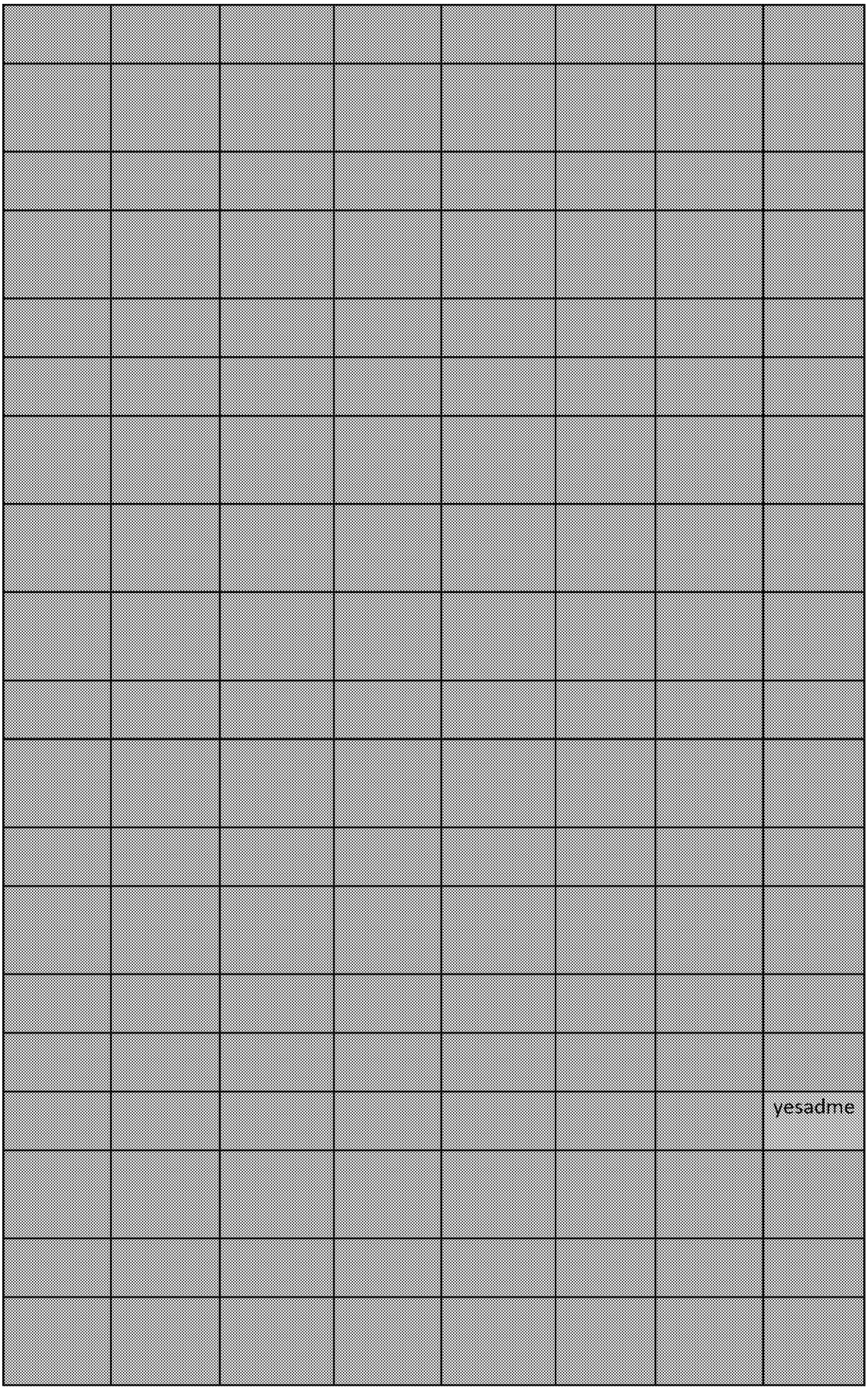
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M. Stankovic, S. Hukovic, D. Stankovic. [The effect of paraquat and etiol, frequently used pesticides, on neuromuscular transmission in isolated organs]. Med Arh. 1979. 33:211-7
F. Borchard, B. Grabensee, W. Jax, F. Huth. [Electron and light microscopic findings in human paraquat poisoning (author's transl)]. Klin Wochenschr. 1974. 52:657-71
D. B. Webb, E. J. Ansari, D. I. Wallis. An electrophysiological study of ganglion blockade by paraquat and diquat. Hum Toxicol. 1988. 7:563-5
T. Fukushima. [Elucidation of paraquat poisoning mechanism and development of the neuronal death model]. Nihon Eiseigaku Zasshi. 2002. 57:83-6
M. T. Corasaniti, R. Defilippo, P. Rodino, G. Nappi, G. Nistico. Evidence that paraquat is able to cross the blood-brain barrier to a different extent in rats of various age. Funct Neurol. 1991. 6:385-91
V. Soontornniyomkij, S. Bunyaratvej. Fatal paraquat poisoning: a light microscopic study in eight autopsy cases. J Med Assoc Thai. 1992. 75 Suppl 1:98-105
I. Debbarh, S. Rambelomanana, F. Penouil, F. Castaigne, D. Poisot, N. Moore. [Human neurotoxicity of ethylene-bis-dithiocarbamates (EBDC)]. Rev Neurol (Paris). 2002. 158:1175-80
B. Matkovics, K. Barabas, L. Szabo, G. Berencsi. In vivo study of the mechanism of protective effects of ascorbic acid and reduced glutathione in paraquat poisoning. Gen Pharmacol. 1980. 11:455-61
L. J. Bradley, J. W. Taanman, C. Kallis, R. W. Orrell. Increased sensitivity of myoblasts to oxidative stress in amyotrophic lateral sclerosis peripheral tissues. Exp Neurol. 2009. 218:92-7
I. Vadnay, A. Haraszti. [Morphologic lesions in paraquat poisoning]. Morphol Igazsagugyi Orv Sz. 1987. 27:47-54
T. Zilker, F. Fogt, M. von Clarmann. [No Parkinsonian syndrome following acute paraquat poisoning]. Klin Wochenschr. 1988. 66:1138-41
B. Nemery, R. J. van Klaveren. NO wonder paraquat is toxic. Hum Exp Toxicol. 1995. 14:308-9
K. A. Mourin. Paraquat poisoning. Br Med J. 1967. 4:486
T. Kanchan, S. M. Bakkannavar, P. R. Acharya. Paraquat Poisoning: Analysis of an Uncommon Cause of Fatal Poisoning from Manipal, South India. Toxicol Int. 2015. 22:30-4
C. Tase. [Paraquat poisoning: clinical and experimental studies]. Masui. 1983. 32:1245-53
J. A. Vale, T. J. Meredith, B. M. Buckley. Paraquat poisoning: clinical features and immediate general management. Hum Toxicol. 1987. 6:41-7
. Paraquat poisoning: clinicopathological conference. Scott Med J. 1971. 16:407-21
C. Huang, X. Zhang, Y. Jiang, G. Li, H. Wang, X. Tang, Q. Wang. Paraquat-induced convulsion and death: a report of five cases. Toxicol Ind Health. 2013. 29:722-7
H. Nakamura, M. Jogamoto, S. Kuzuhara, Z. Shiozawa, T. Nakanishi. [Polyradiculoneuropathy due to paraquat: A case report (author's transl)]. Rinsho Shinkeigaku. 1980. 20:945-50
B. Zhao, X. D. Jia, Z. C. Zhang. [Relationship between paraquat tissue content and organ injury in paraquat poisoning rats]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi. 2010. 28:220-3
S. Y. Lin-Shiau, K. S. Hsu. Studies on the neuromuscular blocking action of commercial paraquat in mouse phrenic nerve-diaphragm. Neurotoxicology. 1994. 15:379-88
L. Arias Martínez Tabche. Toxic effects of Paraquat and lead on fish liver (Oreochfomis hornorum). European Journal of Pharmacology. 1990. 183:1534-1535
A. K. Osman Salama. Protection against oxidative stress induced by paraquat and diquat in female rats. Toxicology. 2001. 164:193-194
M. Djukic Curcic. Nitrate contents in vulnerable brain structures of Wistar rats poisoned with Paraquat. Toxicology Letters. 2005. 158:S173-S174

1. The bipyridilium herbicides, particularly paraquat, have chemical and toxicological features in common with the bi-qua

The brain levels of paraquat were determined in rats of different age after systemic administration of several doses of th

Eight autopsy cases of paraquat poisoning from 1980 to 1990 were studied by light microscopy. An attempt was made to

Ethylene-bis-dithiocarbamates (EBDC) (maneb, mancozeb,...) are fungicides which rarely cause acute toxicity reactions, b

We compared mitochondrial respiratory chain function, mitochondrial DNA (mtDNA) integrity, and oxidative stress levels

Paraquat structurally resembles N-methyl-4-phenyltetrahydropyridine (MPTP) and its metabolite 1-methyl-4-phenylpyri

BACKGROUND: Morbidity and mortality related to acute poisoning is a serious health concern worldwide. Paraquat is kn

In contrast to 10-15 years ago most cases of paraquat poisoning are now due to deliberate self-poisoning with parasuicid

Paraquat (PQ) is a potent toxicant for humans, and poisoning with PQ is associated with high mortality. Patients with sev

The neuromuscular blocking actions of commercial and pure paraquat on the mouse phrenic nerve-diaphragm were com

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Ronald P. Hanna Mason. In vivo ESR spin trapping evidence for hydroxyl radical mediated toxicity of paraquat and copper in rats. Free Radical Biology and Medicine. 1993. 15:480
M. Takatori Nagao. IMMUNOHISTOCHEMICAL LOCALIZATION OF PARAQUAT IN LUNGS AND BRAINS. Acs Symposium Series. 1991. 451:264-271
N. S. E. Zaki El Sayed. Attenuation of Neurotoxicity Induced by Sub-Chronic Paraquat Administration in Rats by Deprenyl, Quercetin, Green Tea or Malt Extract. Drug Metabolism Reviews. 2010. 42:198-198
C. Strawn Liang. The anti-inflammatory effects of cerium oxide nanoparticles (CeONP) in paraquat treated microglia. Free Radical Biology and Medicine. 2006. 41:S72-S73
Xianchun Ning Yu Jin. Antioxidant and antitumor activities of the polysaccharide from seed cake of Camellia oleifera Abel. International Journal of Biological Macromolecules. 2012. 51:364-368
Seung Wan Jee. Global gene expression analysis of paraquat-induced changes in BV2 microglia cells. Alzheimer's & Dementia. 2010. 6:S263
James R. Gandhi Khanjan Krishnamoorthy Malini Jones Dean P. Roede. Gene Expression Array and Thiol Antioxidant Oxidation Detail Divergent Mechanisms of Paraquat and Maneb Neurotoxicity in the Locus Coeruleus. Free Radical Biology and Medicine. 2011. 51, Supplement:S72
Ä Harsányi L. Läng Ä Fischer J. Németh. 7.3 - Evaluation of organ injuries in Paraquat intoxication. Progress in Histochemistry and Cytochemistry. 1991. 23:213-219
K. T. Wilson Y. P. Look E. A. Duffell S. Wong. Acute paraquat poisoning and the brain - A qualitative and quantitative study. Brain Pathology. 1997. 7:1388-1388
J. T. Hughes. BRAIN-DAMAGE DUE TO PARAQUAT POISONING. Neurotoxicology. 1988. 9:140-140
Anon. Clinical studies in paraquat poisoning : K. Suzuki, S. Tanaka, K. Ogawa, Y. Nakamura, H. Hirose, J. Tanabe, C. Fujii, A. Kohama, J. Hashimoto, Y. Shinkai, G. Ohsawa. Jpn J Acute Med 1986;10:203–209. The American Journal of Emergency Medicine. 1986. 4:468
S. Y. Wang W. Lian K. Q. Xu X. D. Niu L. M. Shi H. M. Kang W. J. Bi. Determination of Monoamine Neurotransmitters in Brains of Paraquat-Induced Mouse by HPLC with Electrochemical Detection. Asian Journal of Chemistry. 2013. 25:8593-8596
Anon. Does acute intoxication by paraquat and lead to symtoms of Parkinsons?. Environnement Risques & Sante. 2012. 11:350-352
J. Brent. High Dose Human Paraquat Exposures and the Subsequent Development of Parkinsonism. Movement Disorders. 2010. 25:S612-S612
K. Nowak P. Mikolajun U. Kolasiewicz W. Ossowska K. Kuter. The influence of the acute and chronic administration of a pesticide paraquat on the reactive oxygen species in rats. Pharmacological Reports. 2008. 60:284-284
C. Barile F. A. Chesne C. Cottin M. Curren R. Ekwall B. Ferro M. Gomez-Lechon M. J. Imai K. Janus J. Kemp R. B. Kerszman G. Kjellstrand P. Lavrijsen K. Logemann P. McFarlane-Abdulla E. Roguet R. Segner H. Thuvander A. Walum E. Ekwall B. Clemedson. MEIC evaluation of acute systemic toxicity - Part VII. Prediction of human toxicity by results from testing of the first 30 reference chemicals with 27 further in vitro assays. Atla-Alternatives to Laboratory Animals. 2000. 28:161-200
M. L. Efthymiou. Retrospective study during 3 years on toxicity of paraquat. Toxicology Letters. #year#. 18, Supplement <HT>1</HT>:106
L. Barabás K. Matkovics B. Berencsi G. Szabó. Time-dependence of paraquat poisoning. General Pharmacology: The Vascular System. 1980. 11:573-574
Anon. Tissue distribution of paraquat and diquat: Litchfield, M. H., Daniel, J. W. & Longshaw, Susan (1973). The tissue distribution of the bipyridylium herbicides diquat and paraquat in rats and mice. Toxicology1, 155. Food and Cosmetics Toxicology. 1974. 12:571

Immunohistochemistry was used to investigate the localization and dynamics of paraquat in lung and brain in paraquat-p

To explore biomedical potential of the polysaccharide from seed cake of Camellia oleifera Abel, we investigated antioxid

A liquid chromatography-electrochemical detection method for the quantification of dopamine, 3,4-dihydroxyphenyl ace

The Multicenter Evaluation of In Vitro Cytotoxicity (MEIC) programme was set up to evaluate the relevance for human ac

1. 1. The time-dependence of the effect of the LD50 of paraquat (PQ) was studied in an attempt to clarify its mechanism

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