The effect of potentized mercuric chloride on alpha-amylase is transported from one test tube to another, connected through capillary water

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Mother suckling baby (Monkey) Homeopathic medicine given to nursing mother cures her ailing new born baby

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Homeopathic medicine given to nursing mother cures her ailing new born baby



Potencies above 12CH are too dilute to contain original drug molecules. It is thought that water structures carry the information of original drug molecules



This aspect has been tested on **Animal and** Plant models. a. Test on plants b. Test on animals



To see whether the effect of heat shock and of homeopathic treatment could be transmitted from one plant to another through a column of water in a tube connecting the two plants.





•Cowpea (Vigna unguiculata)- surface sterilized.

- •5 batches.
- •Four batches were arranged in pairs and kept side by side.
- •Pots of each pair were 85 cm apart.
- •Each set containing 20 plants.



•Leaves were harvested one hour after heat shock, and one hour after *Cantharis* treatment. Treated leaves and those immersed in water were not harvested.

•Protein separation was done by Fast Protein Liquid Chromatography (FPLC).







□ There was a marked similarity between the heat stressed plants and the water connected unstressed plants in the leaf protein profile.



Cantharis treated and Cantharis connected



□ *Cantharis*-treated plants and untreated but connected plants showed similarity in the leaf protein profile.



CONCLUSION

Plants pretreated with Cantharis and then heat-stressed did not show heat-shock proteins because these proteins were bound to other proteins following heat shock.

The present study shows that Cantharis 200c does the same thing as heat –stress in inducing the expression of heat shock proteins in the plant observed. The two stimuli are different but the response is the same.



A toad held vertically against a stiff plastic sheet with one hind limb dipped into Nux vomica 200 CH diluted with water 1:500 in a beaker and another hind limb dipped in water in another beaker.



The aim of the present study is to see the drug effect, transferred in cell – free media, kept in test tubes



Methods

Two test tubes, each containing 1 ml of 1% starch solution and 1 ml of a-amylase, were connected by means of wet cotton threads encased in a polythene tube. One of the tubes also contained Mercurius corrosivus (Merc-c) 30 CH and the other ethanol solution (control). After 15 min, the enzyme activity was stopped with DNSA, and the breakdown product of starch, maltose, was estimated. A third, separate tube contained all the tested materials except for Merc-c and the control solution.

In a second experiment two tubes, one containing 1,200 ppm and the other 200 ppm of maltose, were similarly connected over 15 min. Both experiments were repeated 20 times



Test tube containing Merc-c 30cH (far left) connected to a test tube without the drug (second from left). Test tubes containing ethanol control I (third from left) and distilled water control II (fourth from left). Test tube on the far right was used as reference.



Preparation of reagents

DNSA reagent was prepared with 1g dinitrosalicylic acid (DNSA), 0.2 g crystalline phenol and 0.5g sodium sulfite. DNSA was then dissolved in 100 ml sterile distilled water with 1% NaOH, and stored in the dark at 4°C. Rochelle salt was prepared with 40g potassium sodium tartrate dissolved in 100 ml distilled water, and then placed in sealed glass vials and stored at 4°C. Soluble starch (SRL, Mumbai, India) was dissolved in 0.1M sodium acetate buffer (pH 4.7) to prepare 1% starch solution. Porcine a-amylase was obtained from SRL.





Results

In the first experiment, the amount of maltose was similar in both connected tubes, but it was significantly lower in the unconnected tube. In the second experiment, maltose concentration in both tubes remained unchanged





Figure: Direct treatment with Merc-c 30CH, 2. Test tube without Merc-c 30CH, but connected to tube 1 by a cotton thread. 3. Test tube containing diluent ethanol only (Control I). 4. Test tube containing distilled water instead of drug or ethanol (Control II).

a, b, c : different lowercase letters indicate significant difference (p<0.01) by oneway ANOVA followed by Student's t-test. n=20.

CONCLUSION

The information of Merc-c 30CH was effectively transferred through capillary water between two tubes in cell-free medium. This effect was not due to physical transfer of either solvent or solutes. Water seems to the most probable carrier of information in diluted and agitated solutions.

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