

ESPC 2006 - Saguenay (Québec)



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Heads or Tails: A Return to Chemical Memory

Division: Sciences physiques et des mathématiques

Catégorie: Sénior

Région: Bluewater

Ville: Lion's Head, ON

École: Bruce Peninsula District S.S. & E.S.

Sommaire: ?Heads or Tails? examined the possibility of storing specific memories chemically. Planaria were used as test subjects. The Planaria were successfully conditioned through controlled stimuli which proved that they had the ability to learn. The Planaria were divided and observed. The divided Planaria displayed evidence of chemical memory when the regenerated specimens responded in similar fashion, as their predecessors had, to the controlled stimuli.

Prix	Valeur
Prix d'admission en sciences de UBC (Vancouver)	2 000,00 \$
Médaille d'argent, sénior - Bourse d'admission de 2 000 \$	
Commanditaire: The University of British Columbia (Vancouver)	
Bourse d'études de l'Université Western Ontario	1 500,00 \$
Médaille d'argent - Bourse de début d'études de 1 500 \$	
Commanditaire: Université Western Ontario	
Médaille d'argent - Sciences de la vie - Sénior	700,00 \$
Commanditaire: Pfizer Canada	
Total	4 200,00 \$

