

ESPC 2012 - Charlottetown (Ile-du-Prince-Édouard)



Effects of Folic Acid on Cellular Senescence

Défi: Santé

Catégorie: Junior

Région:

Ville: ,

École:

Sommaire: The Biological functions of folic acid (FA) have been reported earlier. Previously, we reported that 200mg/ml of FA increases blood cell size leading to abnormal cell division and death suggesting early cellular aging. Cells treated with FA after exposure to anti-neoplastic agent were rapidly driven to senescence. Treating cancer cells with FA decreased their senescence. This suggests that overdose of FA affects cell aging selectively.

Prix	Valeur
Prix d'excellence - Junior - Médaille d'argent Commanditaire: Sciences jeunesse Canada	700,00 \$
Bourse d'études de Western University Médaille d'argent - Bourse d'admission de 2 000 \$ Commanditaire: Université Western	2 000,00 \$
Total	2 700,00 \$