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CSI: Cell Survival Investigation

Division: Biotechnology

Category: Intermediate

Region: Western Newfoundland

City: Port-au-Choix, NL, Port au Choix, NL

School: Roncalli Central High School

Abstract: Through a cell survival assay and a confocal laser scanning microscope analysis, we tested the effects of five different Newfoundland berries on cell survival after PC12 cells were exposed to oxidative stress (H_2O_2). As a result of these two experiments we discovered that two berries in particular (blackberries and squashberries) had a positive effect on the recovery of cells after oxidative stress.