

Biotechnology, Stem Cell and Molecular Diagnostics

April 16-17, 2018
Amsterdam, Netherlands

Biochem Mol Biol J 2018 Volume: 4
DOI: 10.21767/2471-8084-C2-012

ENRICHMENT OF POLY AROMATIC HYDROCARBON (PAH) DEGRADING BACTERIA ISOLATED IN JAMAICA

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Jamaica in general, and Kingston in particular, are expected to have detectable levels of poly aromatic hydrocarbons (PAHs), such as phenanthrene (PHE), in all of their soils, wetlands, coastlines and other places where combustion or intense heating of carbon compounds occurs. Here we report the enrichment of XXX isolates from varied sampling sites around Kingston, and from a commercial motor car mechanic/garage in rural Jamaica.

The enrichment procedure involved the use of phenanthrene as the sole source of carbon and energy, followed by a crude test for speed of phenanthrene consumption. The isolates have been partially characterised according to microbiological and biochemical analyses, further analyses are in train.

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