Hospital Antibiotic Wasting and Evaluation of Potential Ecologic Effects

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Drugs in wastewater arise from direct disposal by healthcare facilities among many other sources. We report the wasting of antibiotics (Ab) dispensed at 2 hospitals in Albany, NY during a 2 year period. We consider drug metabolism, excretion, disposal and toxicity to aquatic organisms in strategies for reducing antibiotic waste and impacts on bacterial resistance.

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Background and Aim: Niger delta environment has been exposed to organic and inorganic contaminants from industries and domestic wastes, thereby enhancing the capacity of the ecosystem into harboring a sizeable population of microorganisms ...

Vitamin D Deficiency: A Global Health Problem

Vitamin D deficiency is a global health problem. The extent of vitamin D deficiency varies with latitude, season and sun exposure. Also the degree to which the body of religious or cultural reasons is covered, the skin color and, not least, dietary habits and the use of supplements has an impact on the vitamin D status. Women are more prone to develop vitamin D defici ...