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Research Article

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## Use of Comet Assay in Human Lymphocytes as a Molecular Biomarker for Simultaneous Monitoring of Genetic Damage and Genotoxicity in Residents Who Lived Nearby the Santiago River, Mexico, in 2012

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Author(s): Monica Reynoso-Silva\*

Most aquatic and health management authorities need assessing the potential genotoxicity of contaminated effluent to avoid the effects of a lot chemical agents found as environmental contaminants. Previous studies report the presence of some pesticides and heavy metals in waters of Santiago River and suggest a genetic risk for residents, who lived nearby this river, s ...

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Short Communication

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## Consumption of Aloe vera Mucilage Attenuates Plasma Oxidative Stress and Dyslipidemia in Type 2 Diabetic Rats

Published On: April 17, 2015 | Pages: 001 - 003

Author(s): ZhongKai Zhou\*, Xiaochong Ren

This study found that Aloe vera mucilage administration significantly improved biological parameters including lipids composition and oxidative stress in type 2 diabetic rats. Because the mRNA levels of lipogenic genes were significantly down-regulated ( $P < 0.01$ ) by the intervention of A. vera mucilage, this improvement of these biological parameters may be caused, a ...

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[Open Access](#) [Editorial](#) PTZAID:GJBBS-1-103

## **MicroRNAs in Oncology**

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Author(s): Yusuf Tutar\*

MicroRNAs (miRNAs) are a family of short non-coding RNA molecules which contain about 18-24 nucleotides. miRNAs play significant regulatory roles in biological processes (cell proliferation, differentiation, survival and motility). miRNAs are essential regulators of coding genes at the post-transcriptional level. The biogenesis of miRNAs is composed of complex process ...

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