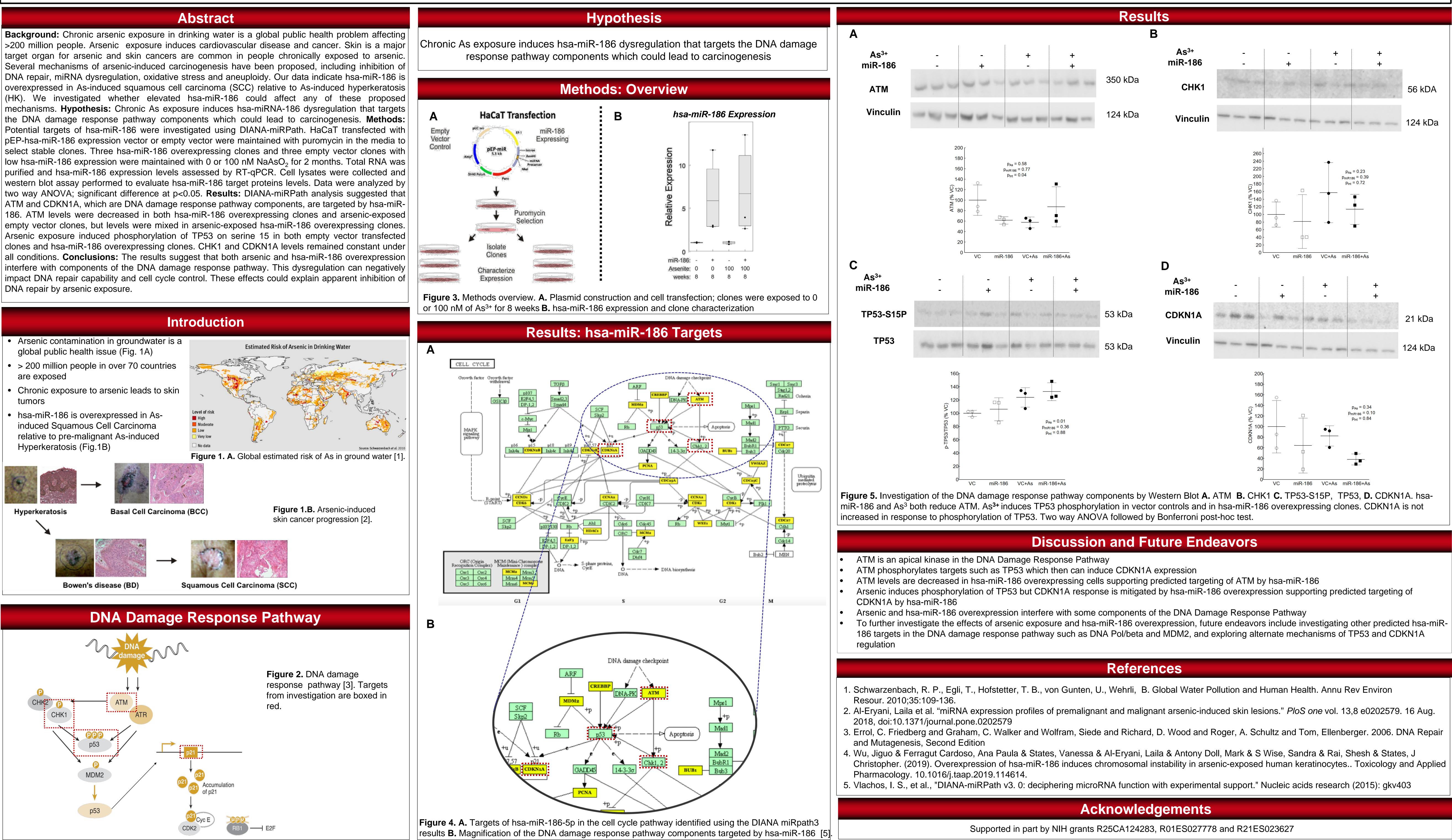
# Arsenic and hsa-miR-186 Overexpression Impair the DNA Damage Response Pathway in Human Keratinocytes

(HK). We investigated whether elevated hsa-miR-186 could affect any of these proposed mechanisms. Hypothesis: Chronic As exposure induces hsa-miRNA-186 dysregulation that targets Potential targets of hsa-miR-186 were investigated using DIANA-miRPath. HaCaT transfected with select stable clones. Three hsa-miR-186 overexpressing clones and three empty vector clones with 186. ATM levels were decreased in both hsa-miR-186 overexpressing clones and arsenic-exposed



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