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Identification of potential biomarkers of hepatotoxicity by plasma proteome analysis of arsenic-exposed carp *Labeo rohita*

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Highlights

- Plasma proteome of arsnic exposed carp showed increased abundance of ApoA1, A2ML, Wap65, TF
- ApoA1, A2ML, Wap65, TF indicate arsenic induced liver damage.
- These proteins in combination could serve as biomarkers of hepatotoxicity and chronic liver damage

Abbreviations: As, Arsenic; Apo-A1, Apolipoprotein-A1; A2ML, α-2 macroglobulin-like protein; Hpx, Hemopexin; IPA, Ingenuity pathway analysis; TF, Transferrin; Wap65, Warm-temperature acclimation associated 65kDa protein; leg1A, liver enriched gene protein 1A; Hb-β, Hemoglobin-β.

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