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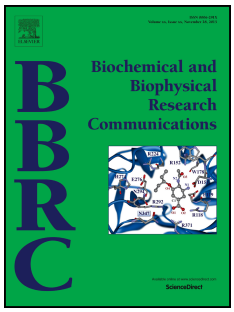

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Expression profiles and clinical value of plasma exosomal Tim-3 and Galectin-9 in non-small cell lung cancer

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Abstract

Exosomes are membrane-bound, virus-size vesicles present in circulating blood. Tumor cells are avid producers of exosomes, which are thought to mimic molecular features of parent tumor cells. T-cell Immunoglobulin- and Mucin-domain-containing molecule 3 (Tim-3) is one of the next generation immune checkpoints and can be activated by its ligand Galectin-9, negatively regulating anti-tumor immune response. However, the characteristics of plasma exosomal Tim-3/Galectin-9 (Exo-T/G) in cancer remained unknown. Our study aimed to investigate the expression patterns and clinical value of plasma exosomal total protein (Exo-pro) and Exo-T/G in non-small cell lung caner (NSCLC). Plasma was collected from 103