

EXPLORING THE DEFENSIVE ROLES AND REGULATIONS OF GNA DOMAIN CONTAINING MONOCOT MANNOSE SPECIFIC LECTINS

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*Plants confront to various encounters involving diverse attackers amongst which aphids contribute to large amount of agricultural losses. GNA (*Galanthus nivalis*) domain containing monocot lectins (GNA-MLs) have received prominence as insecticidal candidates in pest management programs effective against hemipteran sap suckers. Present article provides an update on the effects and outcome of molecular signaling occurring within aphids and their host plants. Mode of action of GNA-MLs, their structure-function interrelationship linking to a plausible evolutionary lineage is also illustrated.*
