

# CYANOBACTERIAL STRESS ACCLIMATION UNDER ENERGY DEPLETED CONDITION

Aparna Rai

Department of Botany, Banaras Hindu University, Varanasi 221005, India

Corresponding author: Email-[aparna.raai82@gmail.com](mailto:aparna.raai82@gmail.com)

**Abstract:** Cyanobacteria show different adaptations under various salt stress conditions, which facilitate their survival. Pyrophosphate works as an energy donor while energy depletion in the cyanobacteria during salt stress condition. Alternative glycolytic reaction can bypass Pi dependent (ATP dependent) pathway of glycolytic cycle in cyanobacteria, through which these organisms are acclimated to salt stress.

**Keywords-** Acclimatization, Adaptation, Cyanobacteria, Glycolytic cycle, Salt stress

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