

Anti-Microbial Ocimum sp. Preparation cum Development: A Research Paper in the *Niche* of Bio-Eco-Bio Biopharmaceutical Development

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Introduction

Fine developed roots with root hairs absorbs water in Ocimum Sp. & pull it to stem till apical shoot with auxiliary leaf too (<https://www.nature.com/scitable/knowledge/library/water-uptake-and-transport-in-vascular-plants-103016037/>). In the present study antimicrobial Ocimum sp. preparation cum Development was done by Root –Water Pull Theory where an Ocimum sp. medium -small sized plant was shocked in Antimicrobial & NaCl Solution in Approximately 10 ml water.

Root Water Pull Theory Explanation as Accordance to Anti-Microbial Ocimum sp. Preparation cum Development

In the Present Anti-Microbial Ocimum sp. Preparation cum Development Approximately 10 ml water was taken & added to 100 ml steel bootle. In which One Floxacin tablet Antimicrobial with 500 mg NaCl was added & mix well. To which medium-small sized Ocimum sp. Plant with root was added for approximately Five hour at 21/9/23. Anti-Microbial Ocimum sp. Preparation cum Development in the this experiment was based at/on Root Water Pull Theory in which Antibiotic solution with NaCl was absorbed cum uptake by root hair & root and transferred to Apical & Axillary leaf with stem too with the help of xylem. It is also called Transpiration pull to develop Anti-Microbial Ocimum sp. Prepared Ocimum sp. then transferred to pot with 500 gm soil & kept for 6 months. Also Antibiotics Solution was kept for Further Bioanalysis.

Conclusion

Both Antibiotics Solution & Prepared Anti-Microbial Ocimum sp. will be Bioanalyse for new Broad Spectrum Antimicrobial after 6 months.

Reference

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