

Biologists are working on molecular level to improve the life of their society. However, it is after their second degree education most biologists become experts. Providing students basic biology knowledge in their early education can help a nation producing more scientists. One of the ways providing basic knowledge is supporting principles by doing experiments and practical activities. In most schools and universities teachers prepare manuals separately for each experiment. This has serious limitation; students may not keep the material after they complete each experiment, would not have the details of the next experiment, would not have chance to exercise next activities before they come to the experiment, and others. At the same time such manuals usually do not introduce academic and lab safety rules, and possible sources of hazards to the students. Therefore, this manual is prepared to cover 11 experiments emphasized on classical genetics and statistical analysis tools to lay basic knowledge at early education for advanced genetics. It also provides information on hazardous substances, lab report format, fact sheets, and academic and safety rules to avoid the above limitations.



Worku Mihret

## Laboratory Manual for Principles of Genetics (Biol.3061)



Dr. Worku N. Mihret studied BSc in Biology, MSc in Applied Genetics, and PhD in Plant Genetics and Breeding. Since 1989 he is teaching Biology at High Schools and University of Gondar (UoG). Dr. Worku is Assistant Professor in Plant Genetics and Breeding and Education Quality Assurance & Audit Coordinator at the College of MCS employed by the UoG.



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# Genetics Lab Manual

**Siddappa N.Byrareddy**



## **Genetics Lab Manual:**

## **Genetics Lab Manual** Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the energy of words has be evident than ever. They have the ability to inspire, provoke, and ignite change. Such could be the essence of the book **Genetics Lab Manual**, a literary masterpiece that delves deep to the significance of words and their effect on our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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