



Artemisia annua - Pharmacology and Biotechnology

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Artemisinin, a sesquiterpene lactone originally extracted from the medicinal plant *Artemisia annua* L., is an effective antimalarial agent, particularly for multi-drug resistant and cerebral malaria. However, the concentration of artemisinin in the plant is very low. Because the chemical synthesis of artemisinin is complicated and not economically feasible in view of the poor yield of the drug, the intact plant remains the only viable source of artemisinin production. Therefore, it is necessary to increase the concentration of artemisinin in *A. annua* to reduce the cost of artemisinin based antimalarial drugs. Plant scientists have focused their efforts on *A. annua* for a higher artemisinin crop yield. With the present volume, we are bringing together the research which is being done on this plant throughout the world and future possibilities for scientists and researchers who want to work on it.

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Editorial Review

From the Back Cover

This book summarizes global research on the medicinal plant *Artemisia annua* and its component artemisinin, an antimalarial agent. It explores further artemisinin applications and future research possibilities.?

Artemisinin is an effective antimalarial agent, particularly for multi-drug-resistant and cerebral malaria. As the chemical synthesis of artemisinin is complicated and not economically feasible in view of the poor yield of the drug, the intact plant remains the only viable source for artemisinin production. Therefore, it is necessary to increase the concentration of artemisinin in *A. annua* to reduce the costs of artemisinin-based drugs. Plant scientists have focused their efforts on *A. annua* to achieve a higher artemisinin crop yield and summarize their findings in this book.

Users Review

From reader reviews:

Manuel Thomas:

Reading a e-book tends to be new life style in this era globalization. With looking at you can get a lot of information that will give you benefit in your life. Having book everyone in this world can share their idea. Books can also inspire a lot of people. A great deal of author can inspire their particular reader with their story as well as their experience. Not only the storyline that share in the textbooks. But also they write about the data about something that you need example of this. How to get the good score toefl, or how to teach your kids, there are many kinds of book that you can get now. The authors on this planet always try to improve their ability in writing, they also doing some exploration before they write on their book. One of them is this Artemisia annua - Pharmacology and Biotechnology.

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The guide with title Artemisia annua - Pharmacology and Biotechnology possesses a lot of information that you can find out it. You can get a lot of help after read this book. This particular book exist new knowledge the information that exist in this reserve represented the condition of the world at this point. That is important to yo7u to understand how the improvement of the world. That book will bring you in new era of the internationalization. You can read the e-book on the smart phone, so you can read the idea anywhere you want.

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coaster you have been ride on and with addition associated with. Even you love Artemisia annua - Pharmacology and Biotechnology, you are able to enjoy both. It is excellent combination right, you still desire to miss it? What kind of hang-out type is it? Oh seriously its mind hangout men. What? Still don't have it, oh come on its called reading friends.

Sandra Kelley:

In this period of time globalization it is important to someone to obtain information. The information will make you to definitely understand the condition of the world. The fitness of the world makes the information easier to share. You can find a lot of referrals to get information example: internet, magazine, book, and soon. You will see that now, a lot of publisher this print many kinds of book. The actual book that recommended to you personally is Artemisia annua - Pharmacology and Biotechnology this book consist a lot of the information of the condition of this world now. That book was represented just how can the world has grown up. The dialect styles that writer make usage of to explain it is easy to understand. The writer made some exploration when he makes this book. Here is why this book acceptable all of you.

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