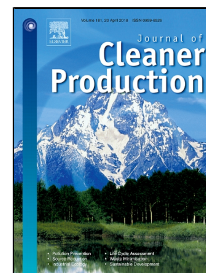


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## **Impact of Brazilian microbiome for boosting agriculture, animal husbandry and human being: a book review**

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The Brazilian Microbiome: Current Status and Perspectives Edited by Victor Pylro and Luiz Roesch, published by Springer, Price:107,09€; (eBook) ISBN 978-3-319-59997-7. DOI 10.1007/978-3-319-59997-7 (Fig 1.).

This book is a comprehensive study of the Brazilian microbiome and its application for enhancing ecological sustainability of Brazil. The main aim of this book is to present the current status and perspectives regarding up-to-date information of the Brazilian microbiome studies, research and trends.

The accelerated growth of the world's population makes the sustainability and maintenance of food supply in the long run which is a worrying factor. Because the global populations are increasing and consequently, the agricultural land resources are decreasing to create a problem for food and nutritional security. In this scenario, Brazil is one of the largest producers in the agricultural and livestock sector which has much importance in the world contribution of food and nutritional security. Therefore, it is necessary to increase agricultural production without causing gradual damage to our ecological systems. Presently, the microbiome is very hot and burning topic for research and development in worldwide. This book covers the microbiome term, that was initially defined by Whipps et al. in 1988 as "the characteristic microbial community occupying a reasonably well-defined habitat, which has distinct physicochemical properties. Additionally, a more recent definition was given by Marchesi and Ravel (2015), was described as "the entire habitat, including the microbes (bacteria, archaea, lower and higher eukaryotes, and viruses), their genomes and the surrounding environmental conditions". Hence,

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