

The Gazette

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MICROBIOLOGY FOR NON MICROBIOLOGISTS **by Roberto Ligugnana**

Roberto Ligugnana, who resides in Milan, Italy, is an agronomist that dedicated an important part of his scientific carrier to the environmental microbiology of the air in pharma, agro-food, dairy, beverage, cosmetic, biotechnology, hospital, HVAC fields.

In the 1970s, he and his brother Sandro invented and presented a new generation of the first portable microbiological air sampler, which is still used worldwide today. The micro-organisms are aspirated and collected on a nutrient agar where they growth and produce colonies that are counted for their evaluation and classification.

Roberto Ligugnana is the author of the “Microbiology for non-microbiologist” document dedicated to the people that are interested to know the life of the micro-organisms present on our planet. One of the scope of the document is the presentation of simple information about the applied microbiology to understand when and how bacteria, fungi, yeast, virus are our friends or enemy.

All the subjects of the booklet are presented in a simple way by “comics” to facilitate the comprehension for non-microbiologists and is valid for young and old generations.

The “MICROBIOLOGY FOR NON MICROBIOLOGISTS” has been adopted in the primary School.

The book is also dedicated to the education of the staff that works in pharma, food, dairy industry where the risk of microbial contamination is important for the self-life of production.

Another important aspect considered in the publication is the education of hospital staff.

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The conclusion of the document is that the majority of micro-organisms are the best friends of the homo sapiens and we should thank them that give us the possibility to live on OUR PLANET.



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