

CURRENT RESEARCH IN MICROBIOLOGY (VOLUME 4)

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LIST OF CHAPTERS

Microbial Biofilms

Author(s): Sunita Panchawat*

Biofilm exhibit two types of growth mode i.e. planktonic cell and sessile aggregate. In biofilm (association of micro-organisms), cells stick to each other on a surface encased within matrix of extracellular polymeric substance produced by bacteria themselves [1]. A Dutch researcher, Antoni van Leeuwenhoek, for the first time observed 'animalcule' on surfaces of tooth by using a simple microscope and this was considered as the microbial biofilm discovery [2]. For marine microorganism i.e. bacterial growth and activity were substantially enhanced by the incorporation of a surface to which these microorganisms could attach is known as "bottle effect" observed by Heukelekian and Heller [3]...

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Psychopaths Cause Carcinogenesis By Distress in Their Humans Environment

Author(s): Robert Skopec*

The famed Swiss psychiatrist Adolf Guggenbühl-Craig, Jungian author of The Emptied Soul, believes that many psychopaths (sociopaths) who walk among us are often those who hold upstanding positions in society.

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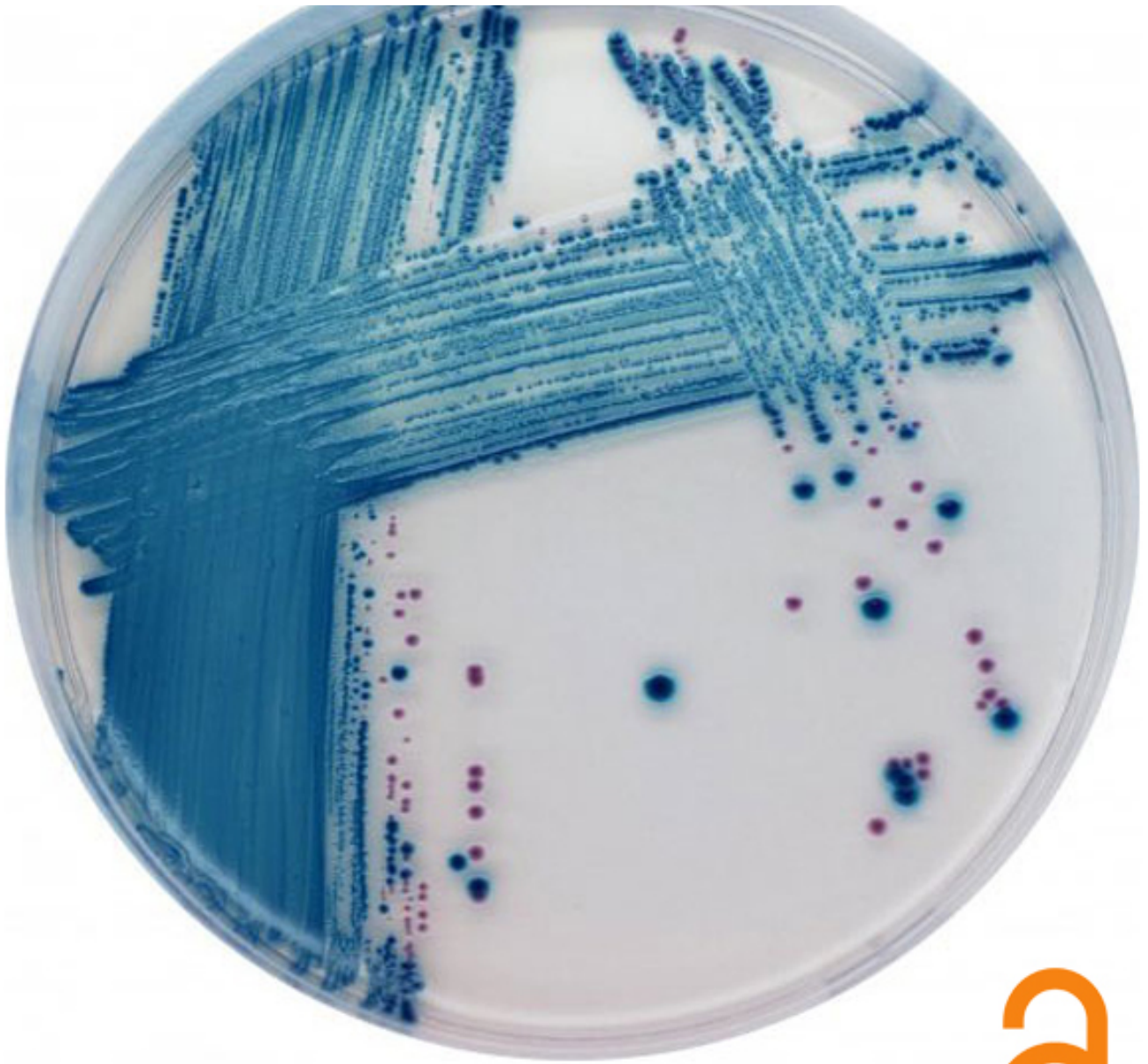
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Editors:

1. Dr. Balayogan sivasankari
2. Dr. Geizecler Tomazetto
3. Dr. Mansi Verma

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