

SPIRILLUM.

By: ALEJANDRO ARIEL GARCIA ARRIAGA

COACALCO DE BERRIOZABAL, ESTADO DE MEXICO, MEXICO

INTRODUCTION:

Together with streptococcus in yogurt, *Spirillum* is another kind of bacteria that is very easy to find even at home in the drains, or near home and at any almost any pond that smells “bad”, surely it will have plenty of *Spirillum*.

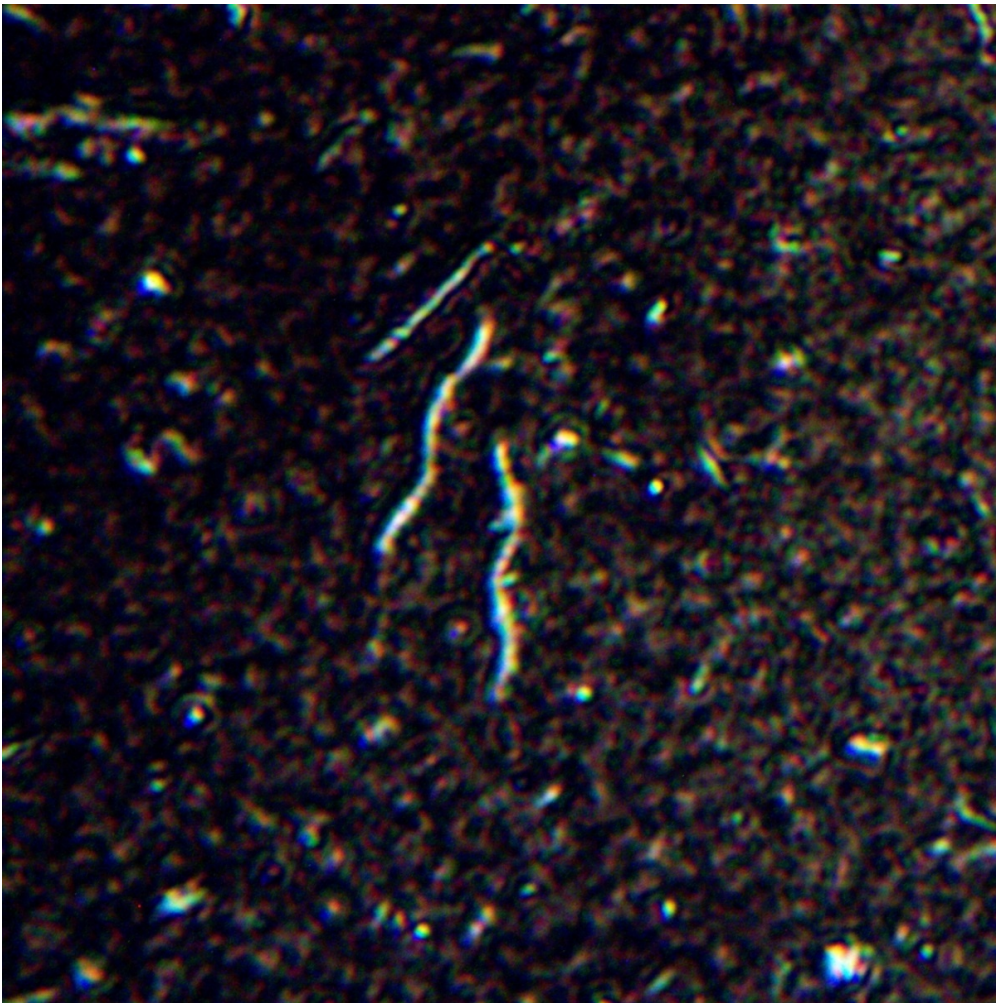
This then is an easy way to see bacteria in “action” but why in action? Because one characteristic of this bacteria is that when observed in a fresh, live sample it is possible to see them move quickly from one part of the microscope's field of view to another, both in the shape of a rod in a straight form or undulating as if they were small snakes.

DEVELOPMENT:

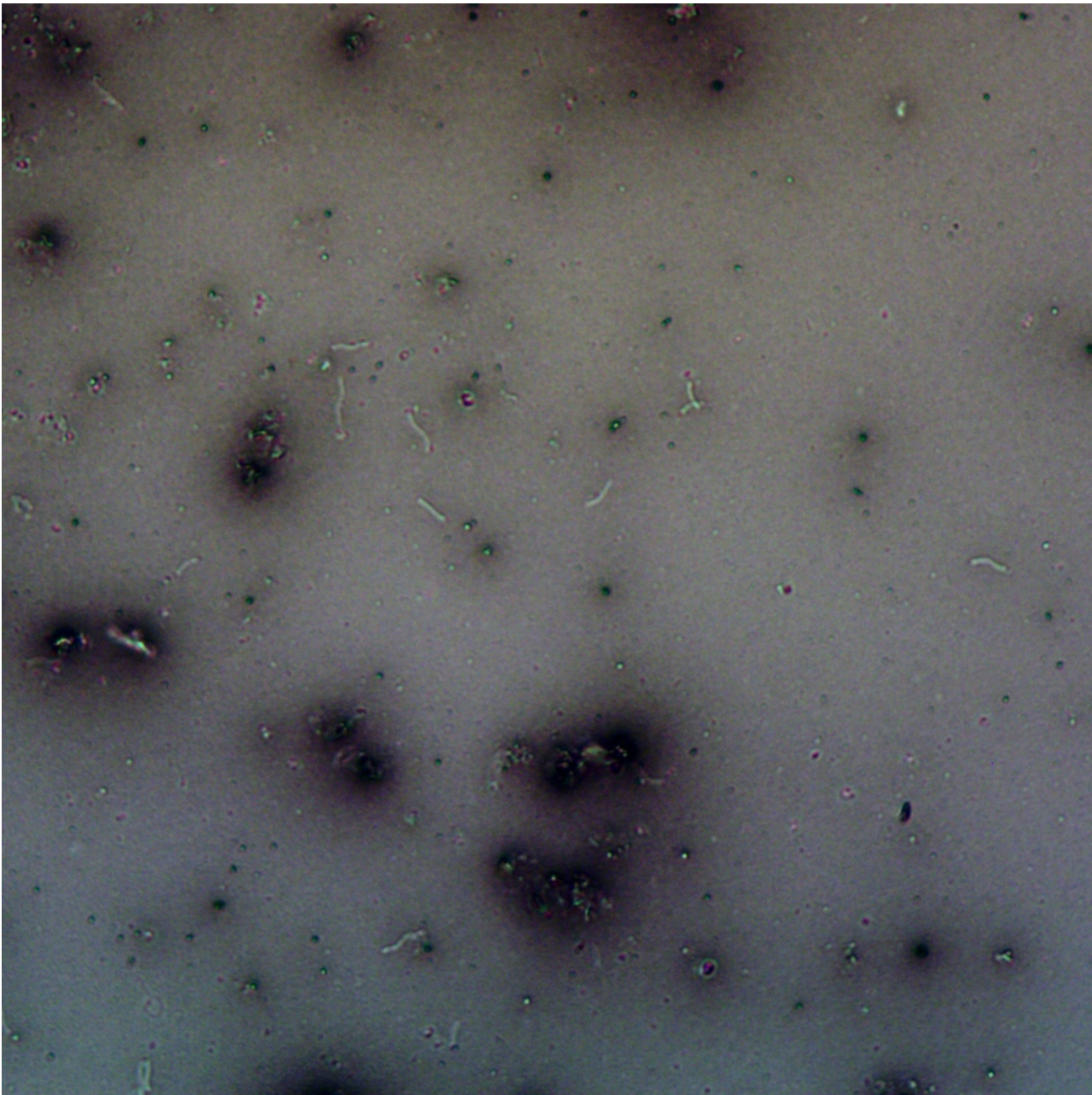
I collected one sample of *Spirillum* from the drains under the shower, I just took a drop on several occasions and stained it in NEGATIVE with Indian ink also called Chinese ink and with liquid shoe black wax, see below.

I also stained it simply with gentian violet and with methylene blue, see below.

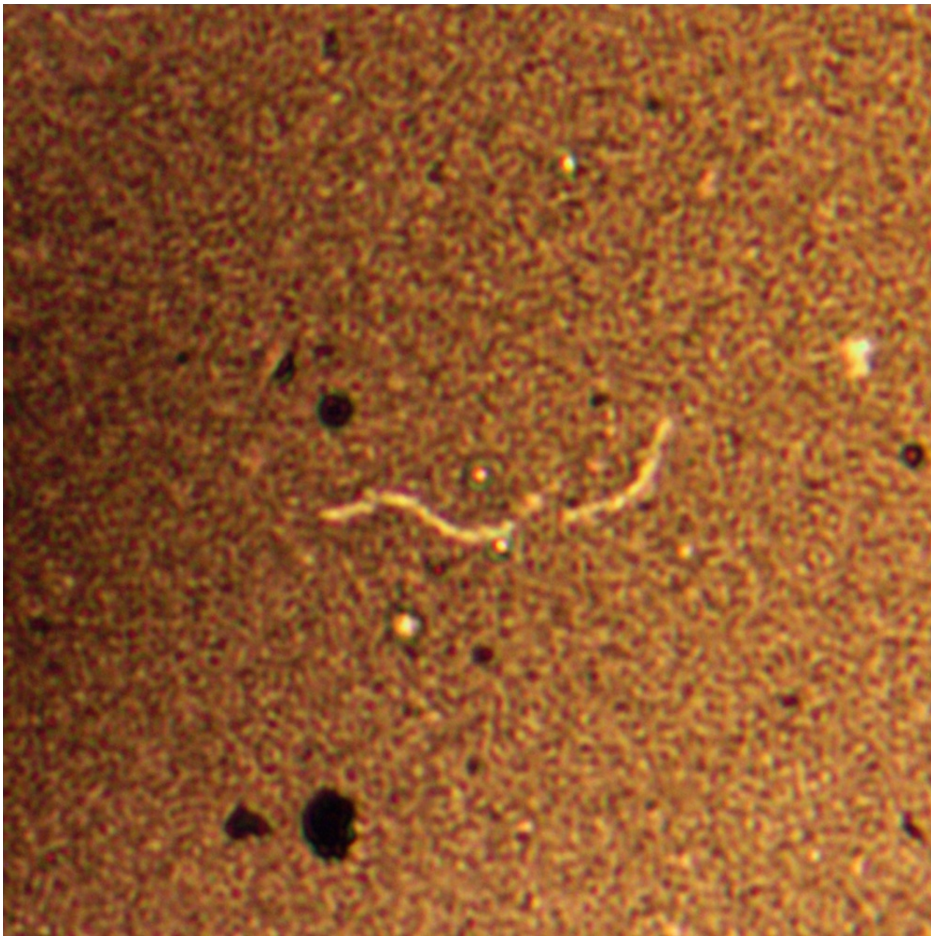
RESULTS:



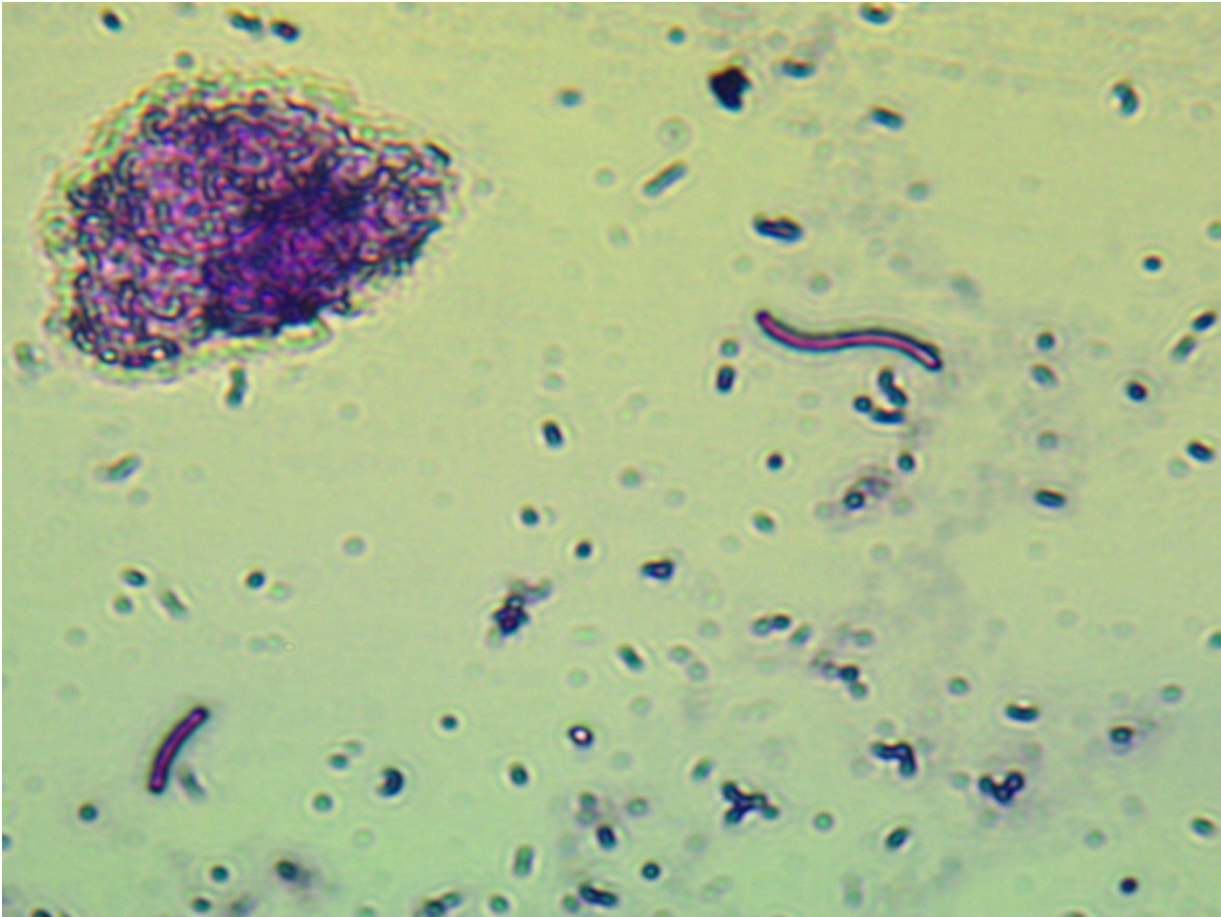
Negative staining with Indian ink 40x



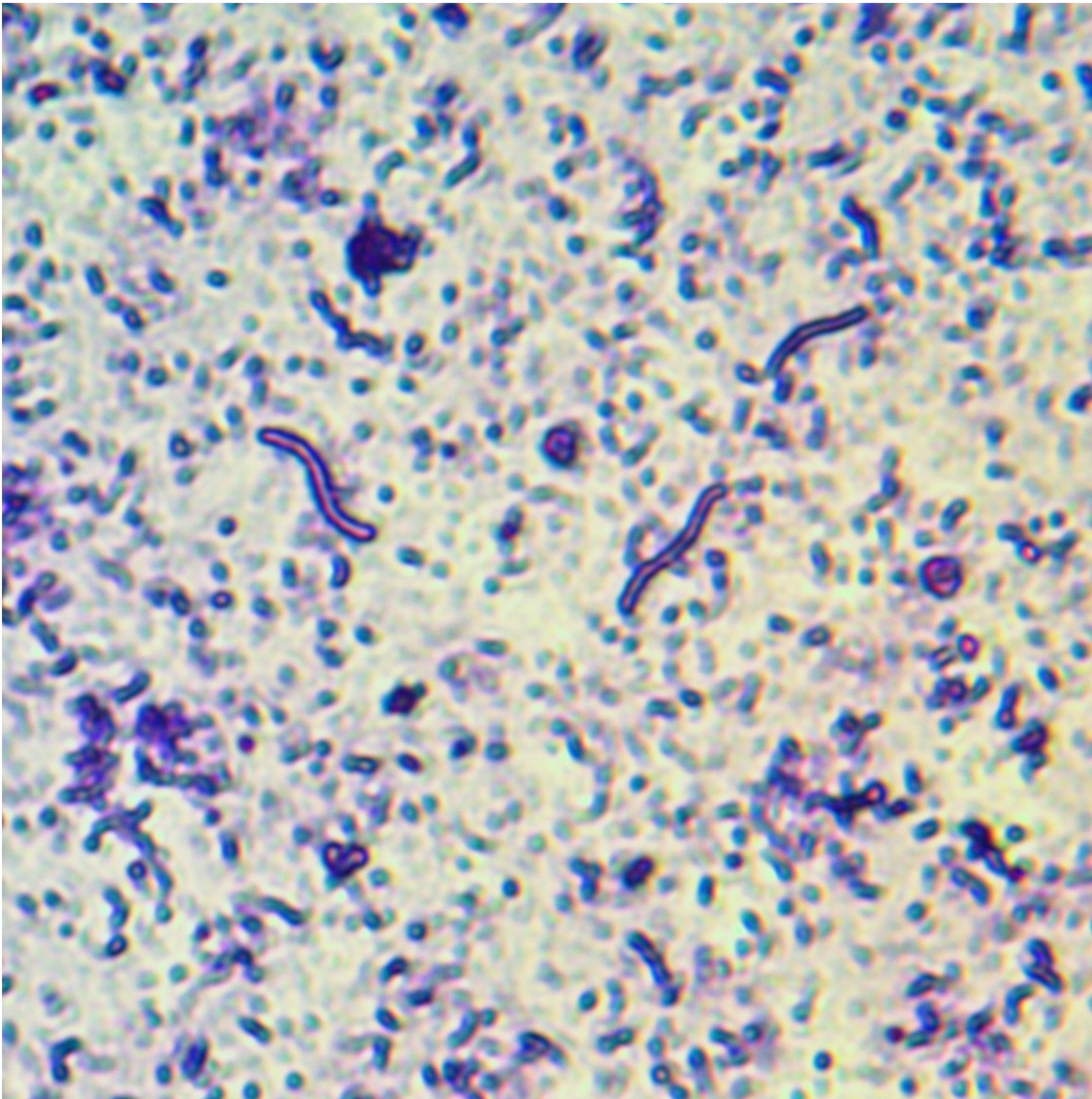
Negative staining with liquid shoe black wax 10x



Negative staining with liquid shoe black wax 40x



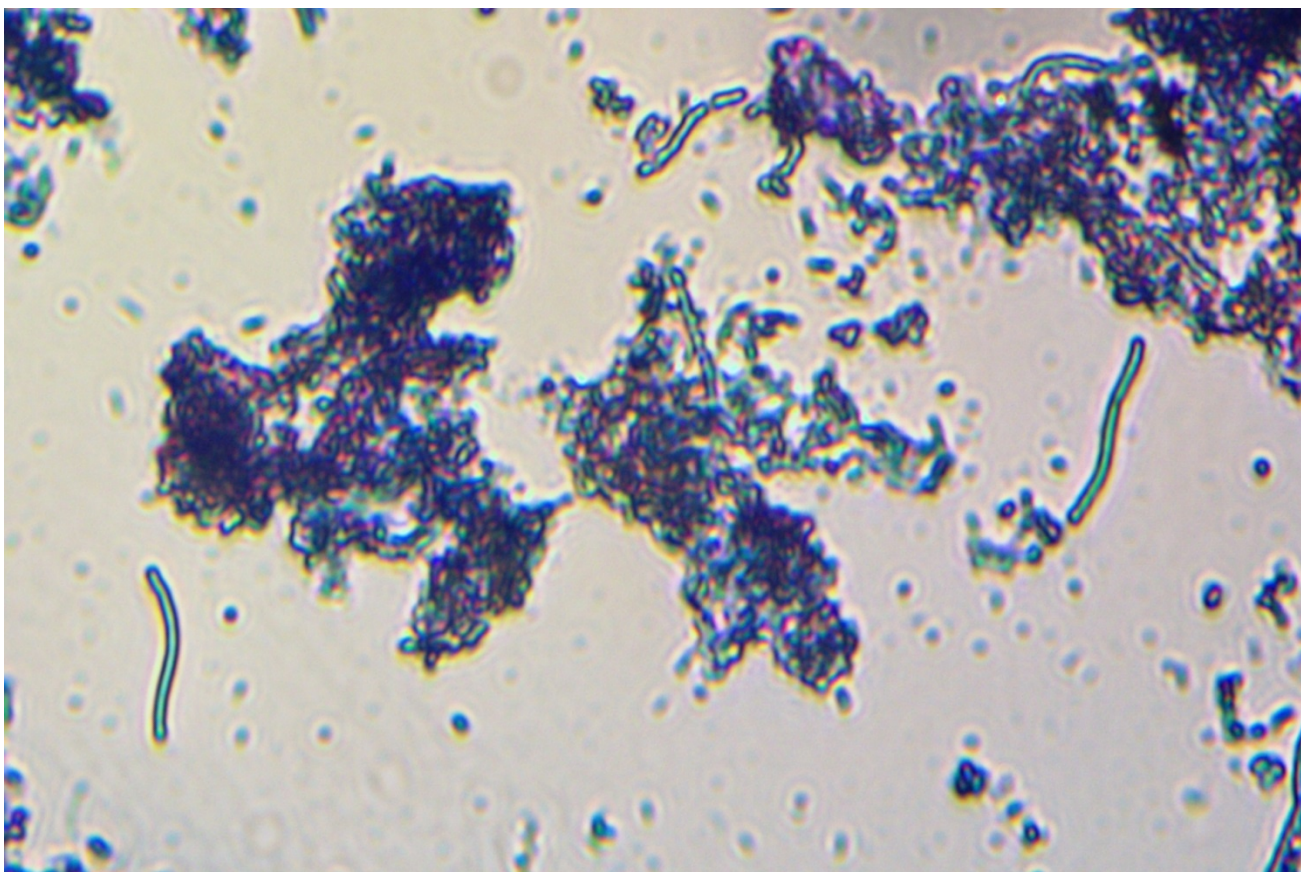
Simple positive staining with gentian violet 40x



Simple positive staining with gentian violet 40x



Positive staining methylene blue 40x



Positive staining methylene blue 40x

CONCLUSION:

Bacteria are amazing and this type is very easy to study, even at home, so nobody should miss the opportunity to take a photo or a video of this marvelous species. If the reader has the chance of observing them in a live sample then this will also be an extraordinary experience.

Email author: doctor2408 AT yahoo DOT com DOT mx

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