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# MICRO-STRUCTURES IN COVID VACCINES

Update II. November 29th/2021

¿Inorganic crystals  
or  
Wireless Nanosensors Network?

FILES Dr. Campra

Prof. Dr. Pablo Campra Madrid

ASSOCIATE UNIVERSITY PROFESSOR

PhD in Chemical Sciences

Degree in Biological Sciences

# IMPORTANT NOTES

- Here we show some objects of frequent geometries that could be observed in sealed vials from different random samples of COVID19 mRNA vaccines, using optic microscopy with bright or dark field, using low magnifications between 100x y 600X.
- AS A WORKING HYPOTHESIS, some of these objects have been proposed as possible elements of a **WIRELESS NANOSENSORS NETWORK (WNSN)**, whether as **nano-sensors, as nano-routers, or as nano-antennae**:

<https://corona2inspect.blogspot.com/2021/09/redes-nanocomunicacion-inalambrica-nanotecnologia-cuerpo-humano.html>

<https://corona2inspect.blogspot.com/2021/11/identificacion-patrones-vacunas-coronavirus-nanorouters.html>

- Most of these object appear after room temperature drying of samples, staying embedded in the remaining hydrogel.
- As far as we know, neither the identity of these objects, whether mineral crystals or nanotechnological devices, has not been stated by the manufacturers, nor they hay been properly characterized by independent labs.

# IMPORTANT NOTES

- The characterization of these objects is out of the scope of this report. Our intention is just making these images of public use for technical discussion by experts in the field of crystallography or nano-communications engineering.

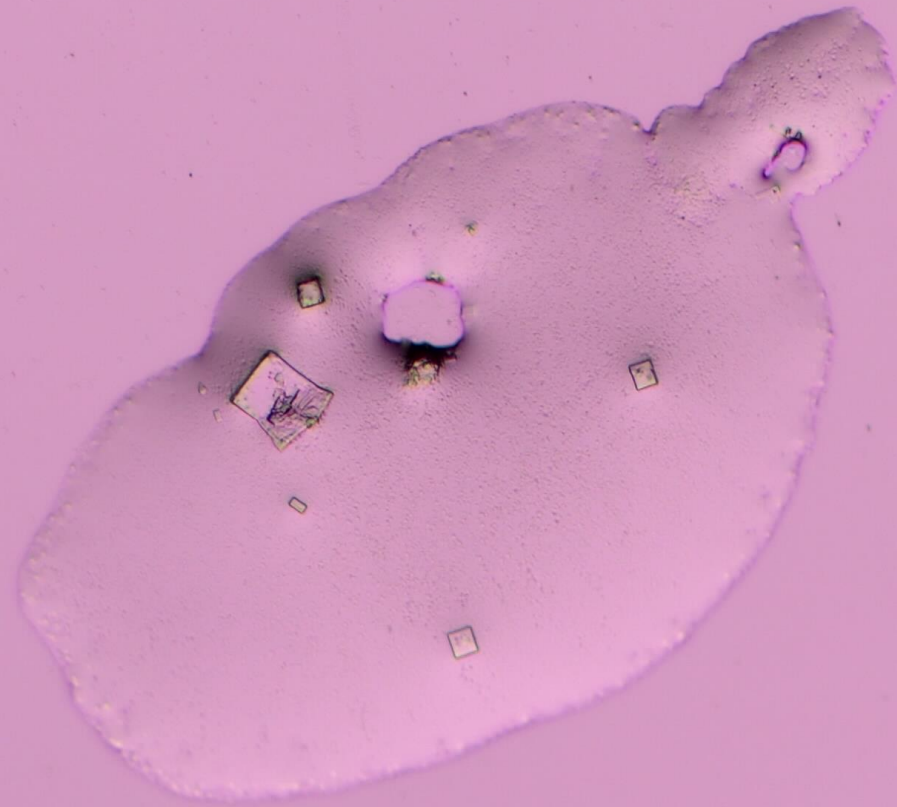
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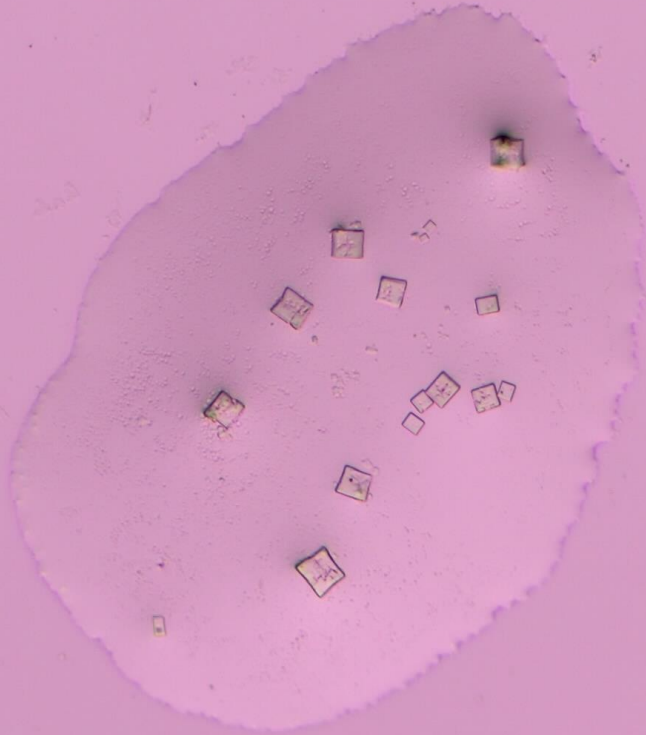
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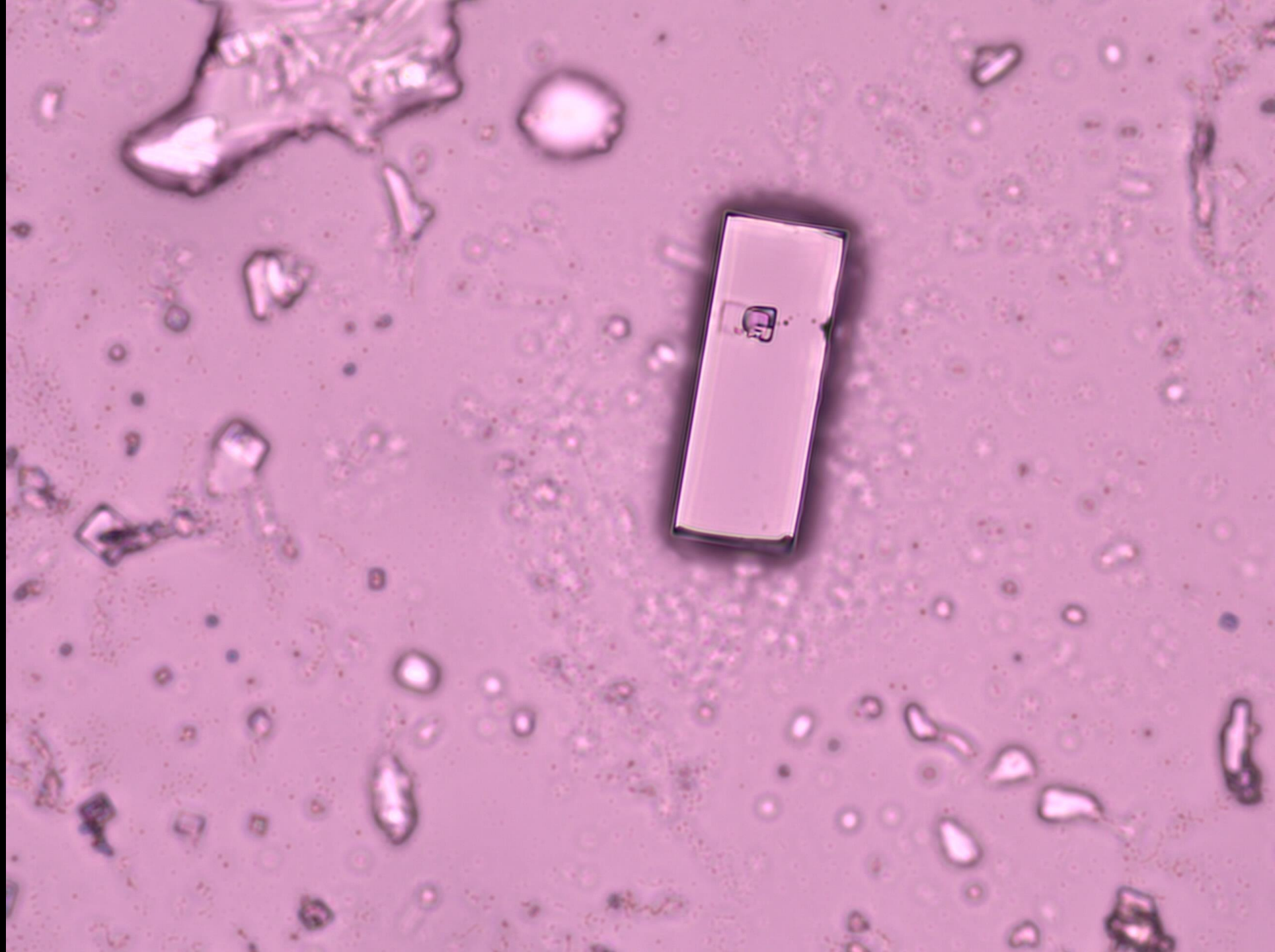


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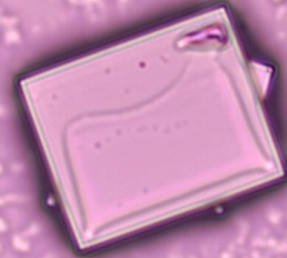


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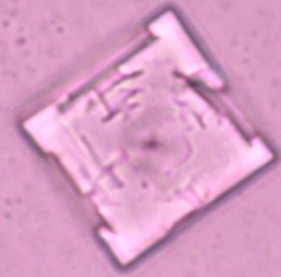


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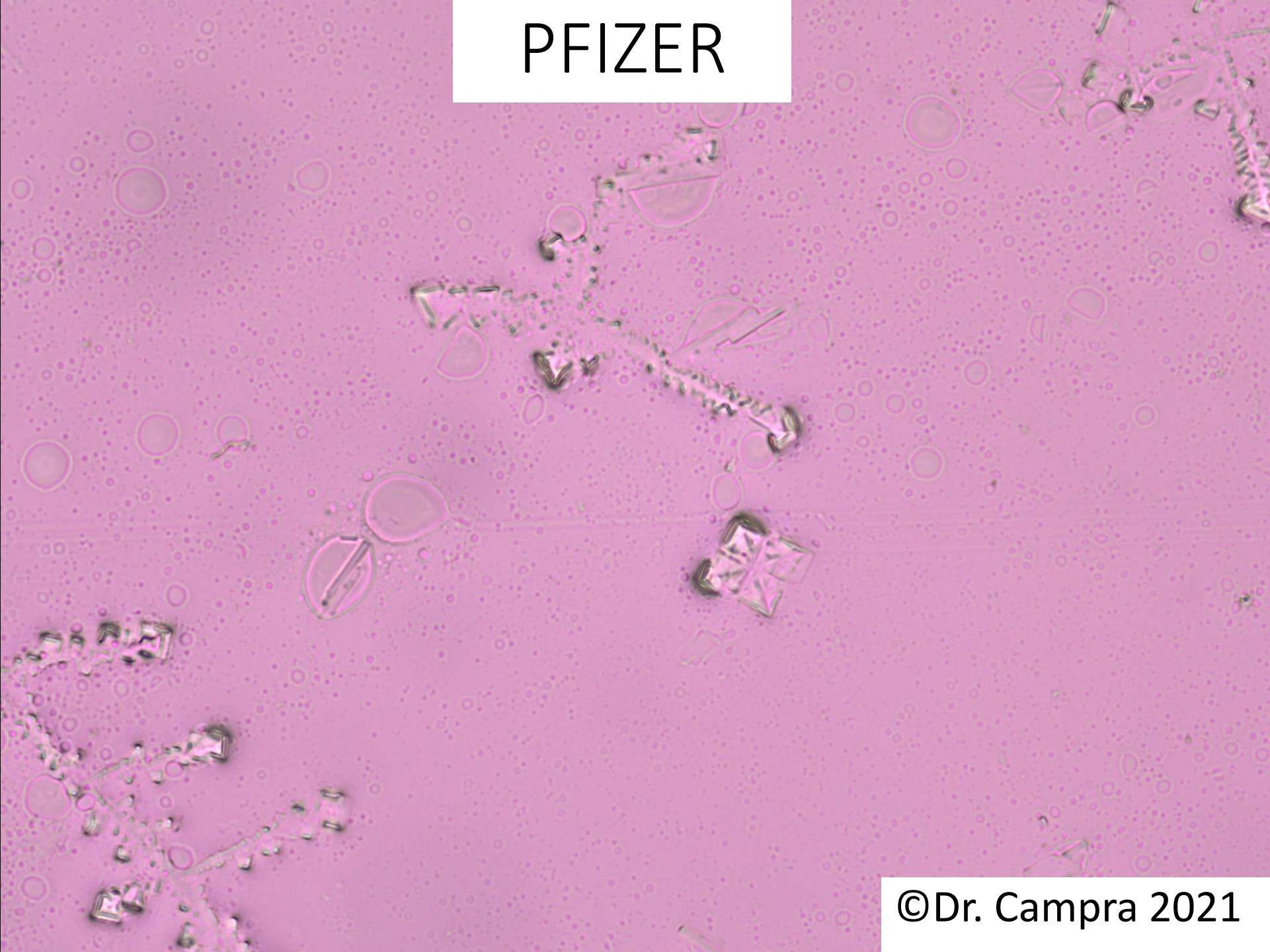


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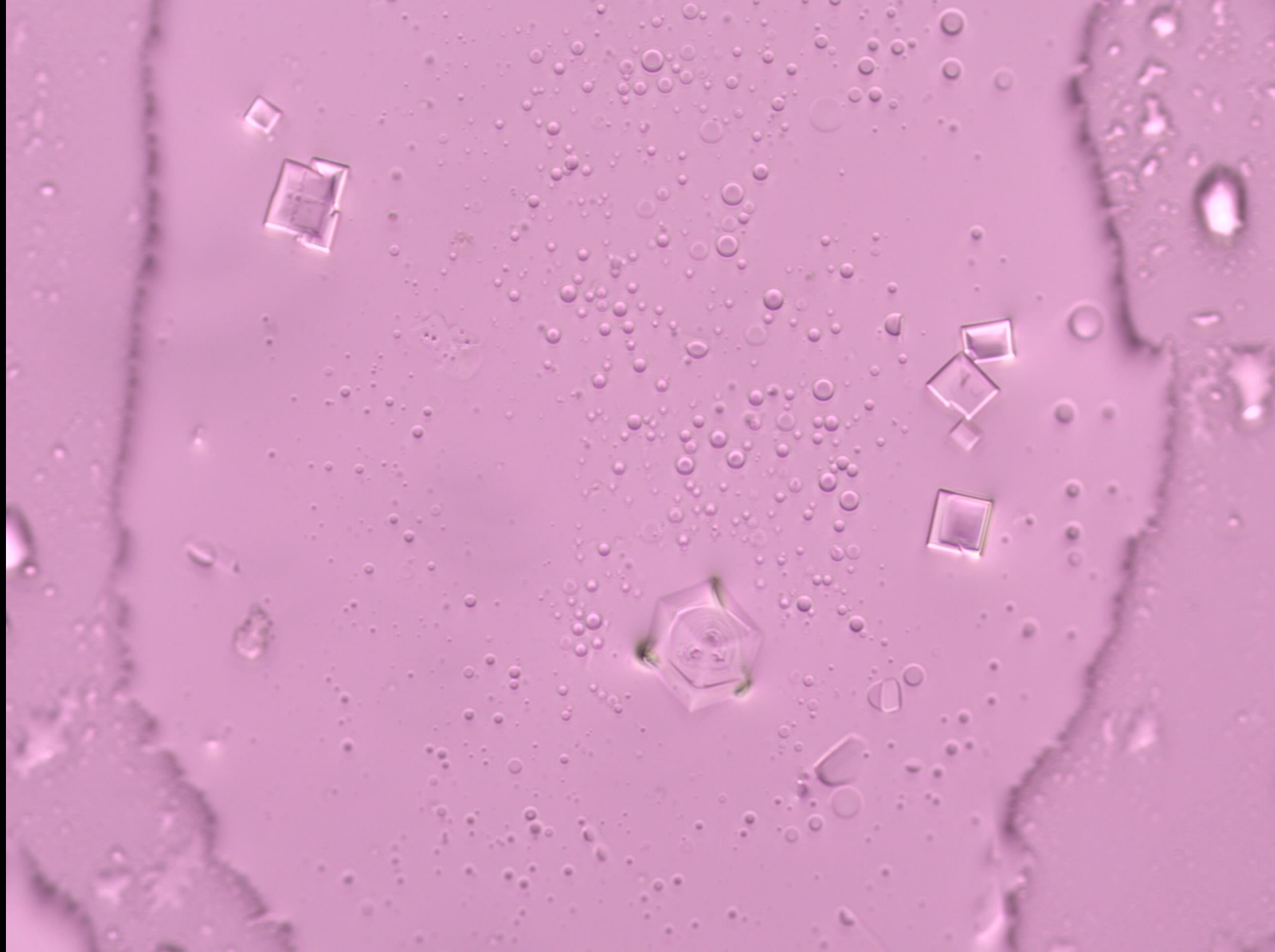


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An aerial photograph of a city with a dense street grid. A red square highlights a specific area in the center-right of the image. The square contains a large, rectangular building with a flat roof and a central courtyard. The surrounding area is filled with smaller buildings and streets. The word "PFIZER" is written in white text on a black background in the top right corner. The copyright notice "©Dr. Campra 2021" is in the bottom right corner.

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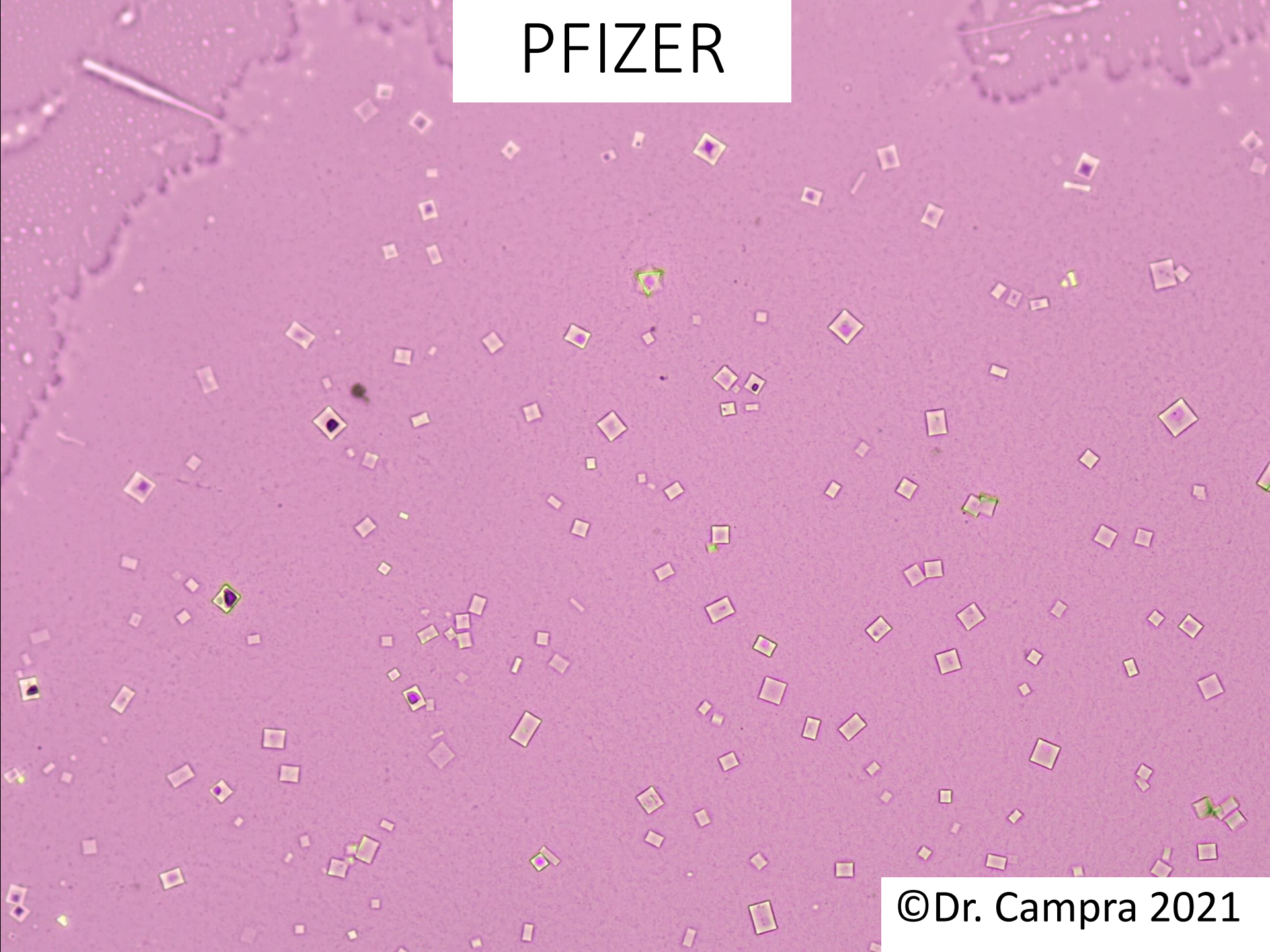
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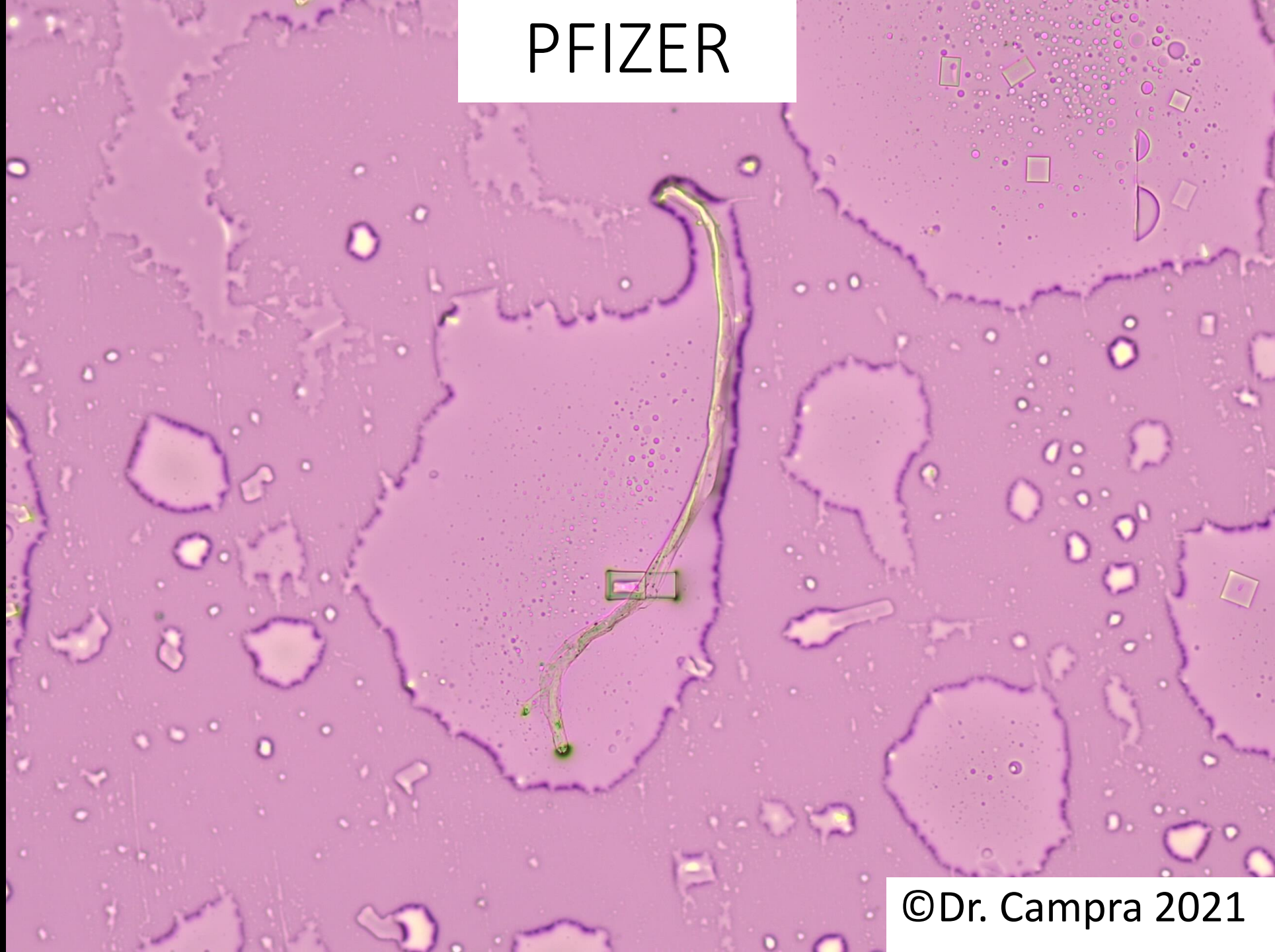
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A microscopic view of a perforated metal surface, likely a pharmaceutical tablet. The surface is covered with numerous small, circular holes. Several larger, irregularly shaped areas are embossed with intricate patterns, including what appears to be a stylized 'P' logo and other markings. The overall appearance is highly textured and detailed.

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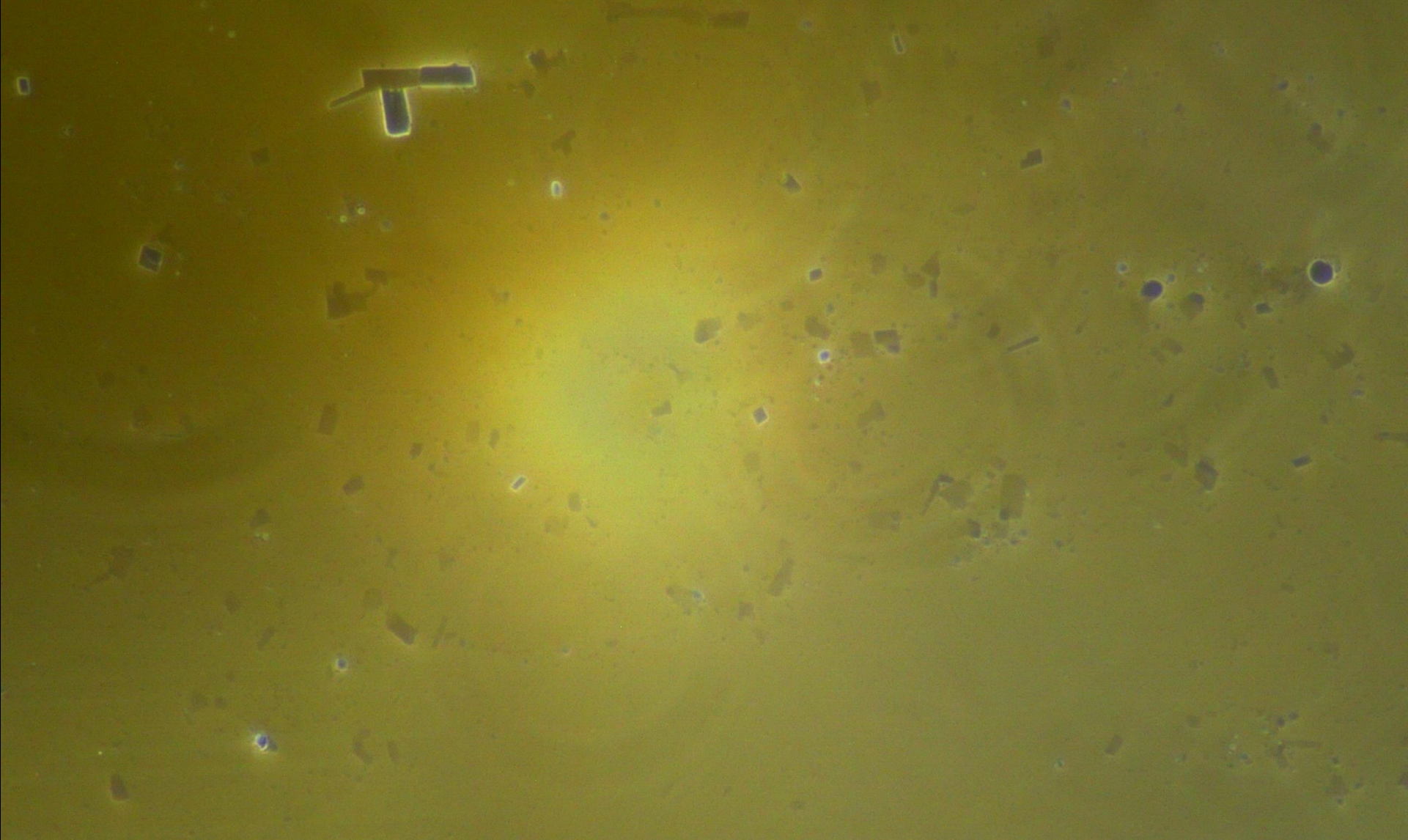
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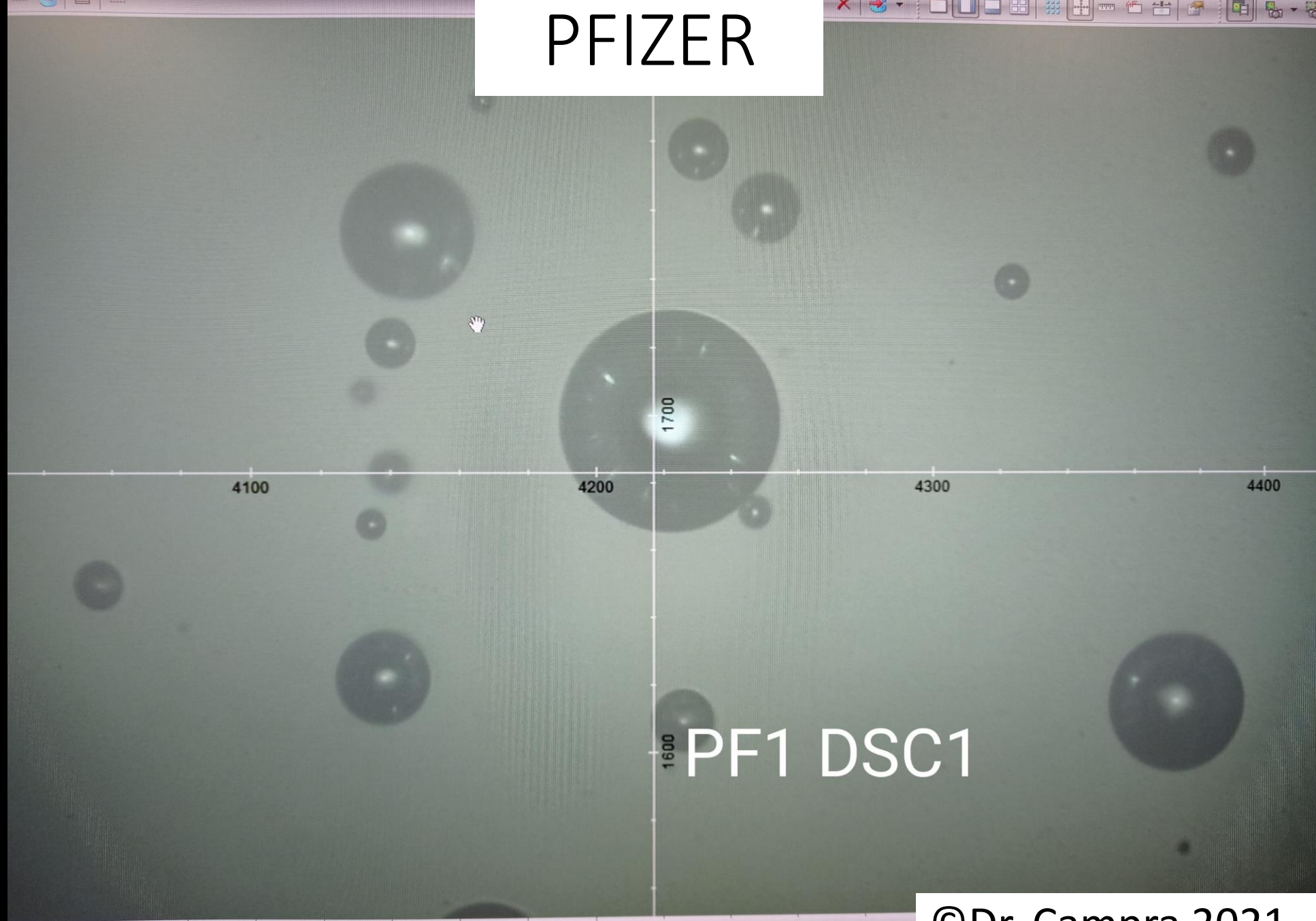
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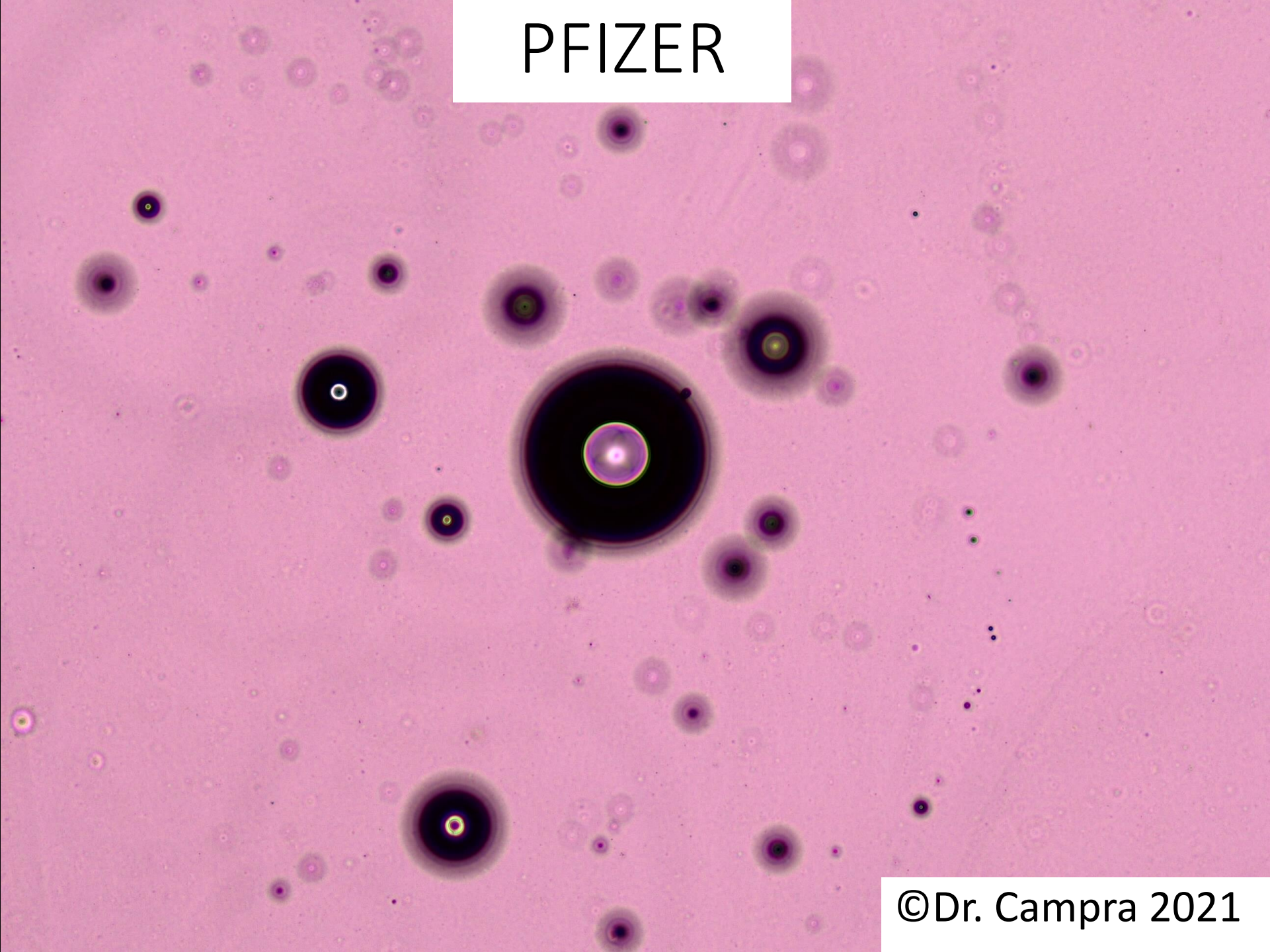
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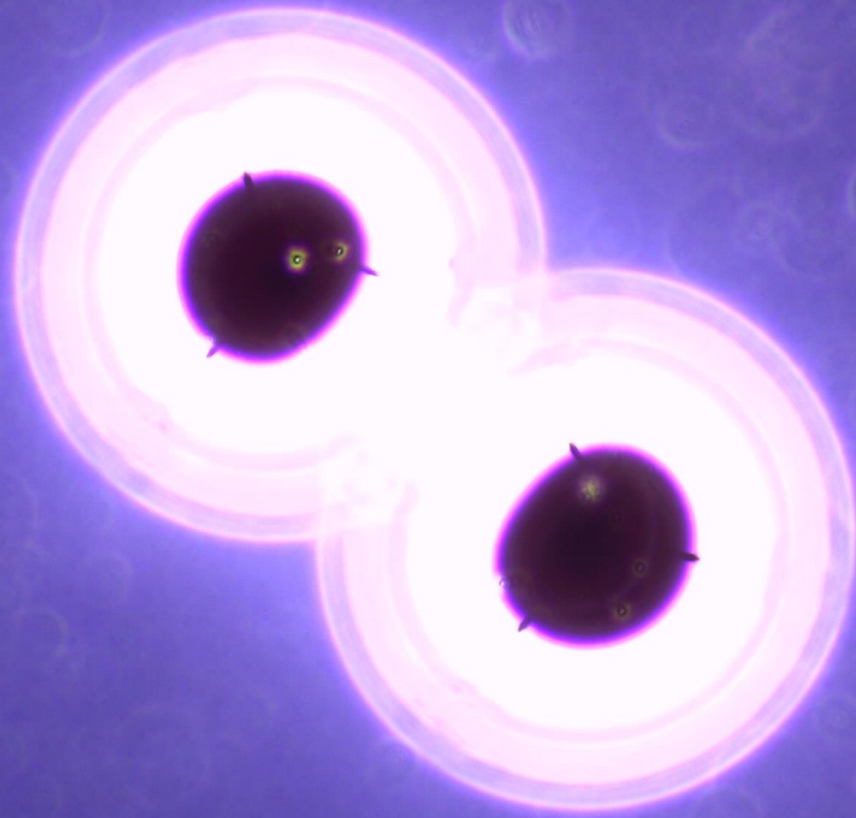
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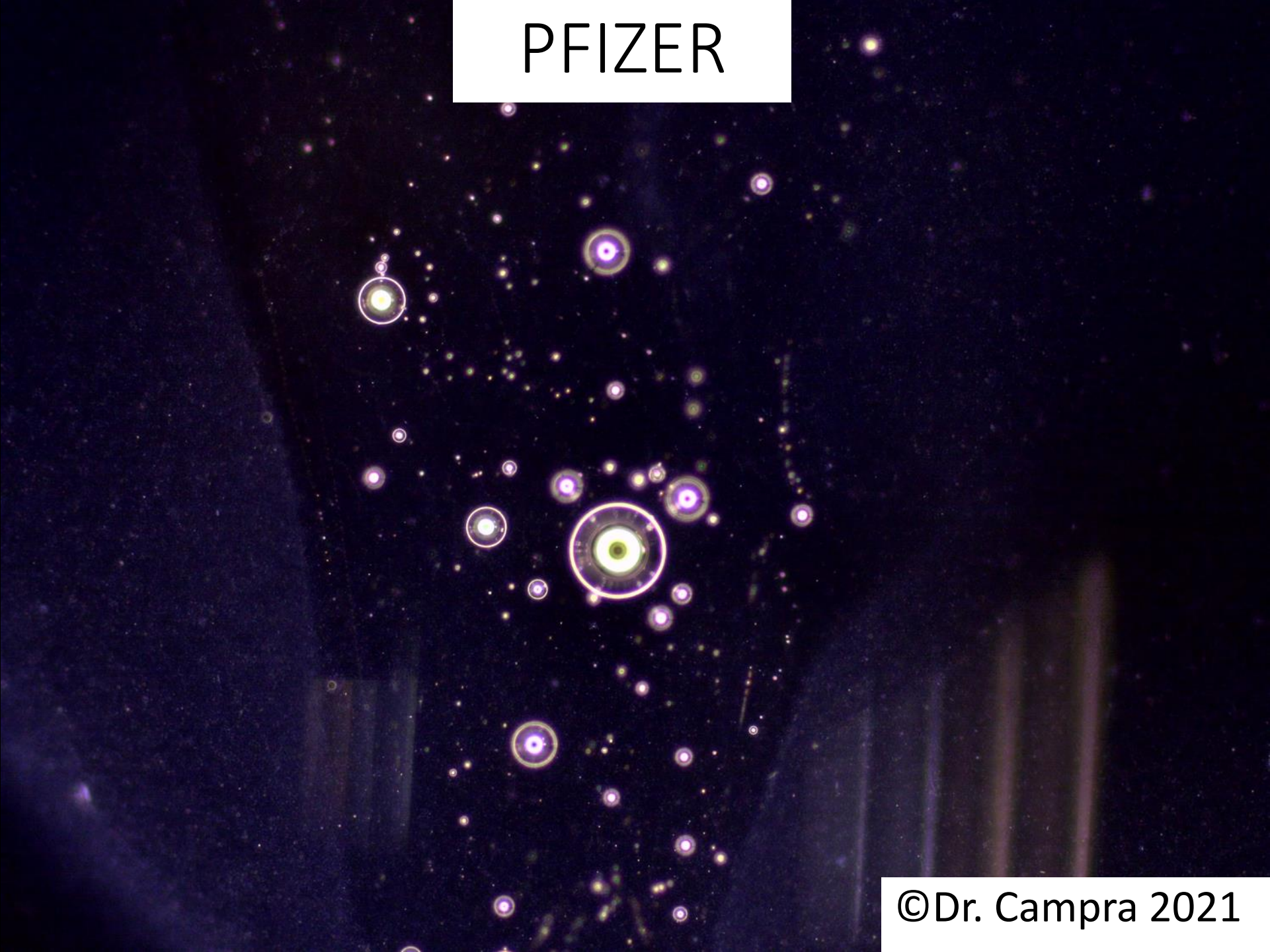
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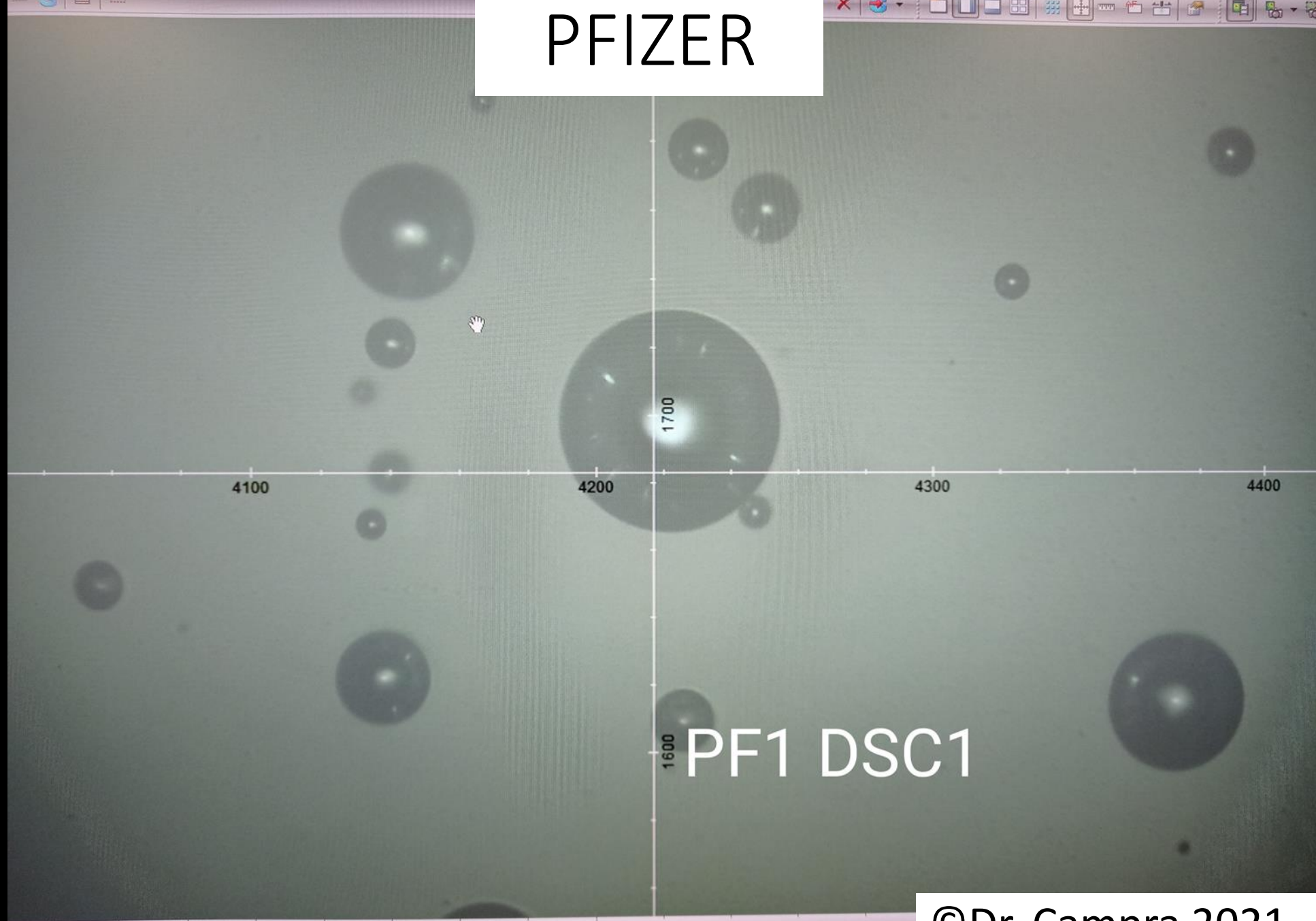
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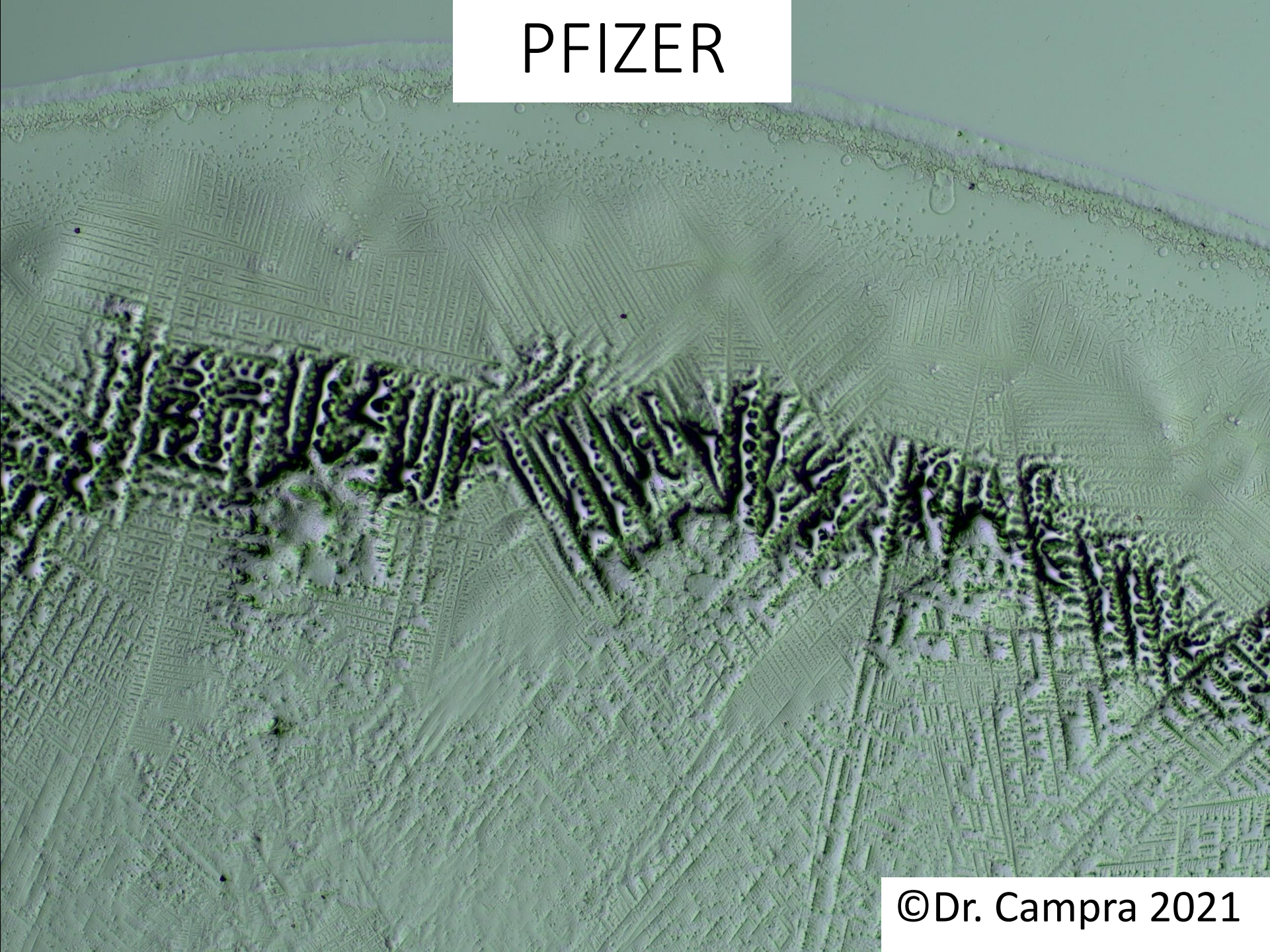
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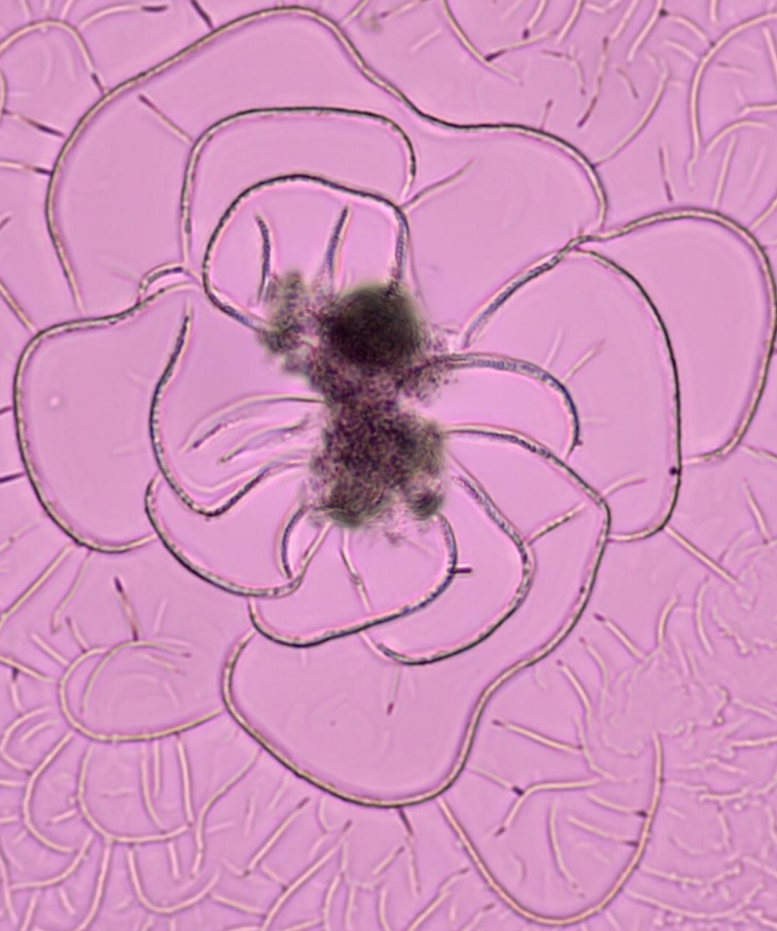
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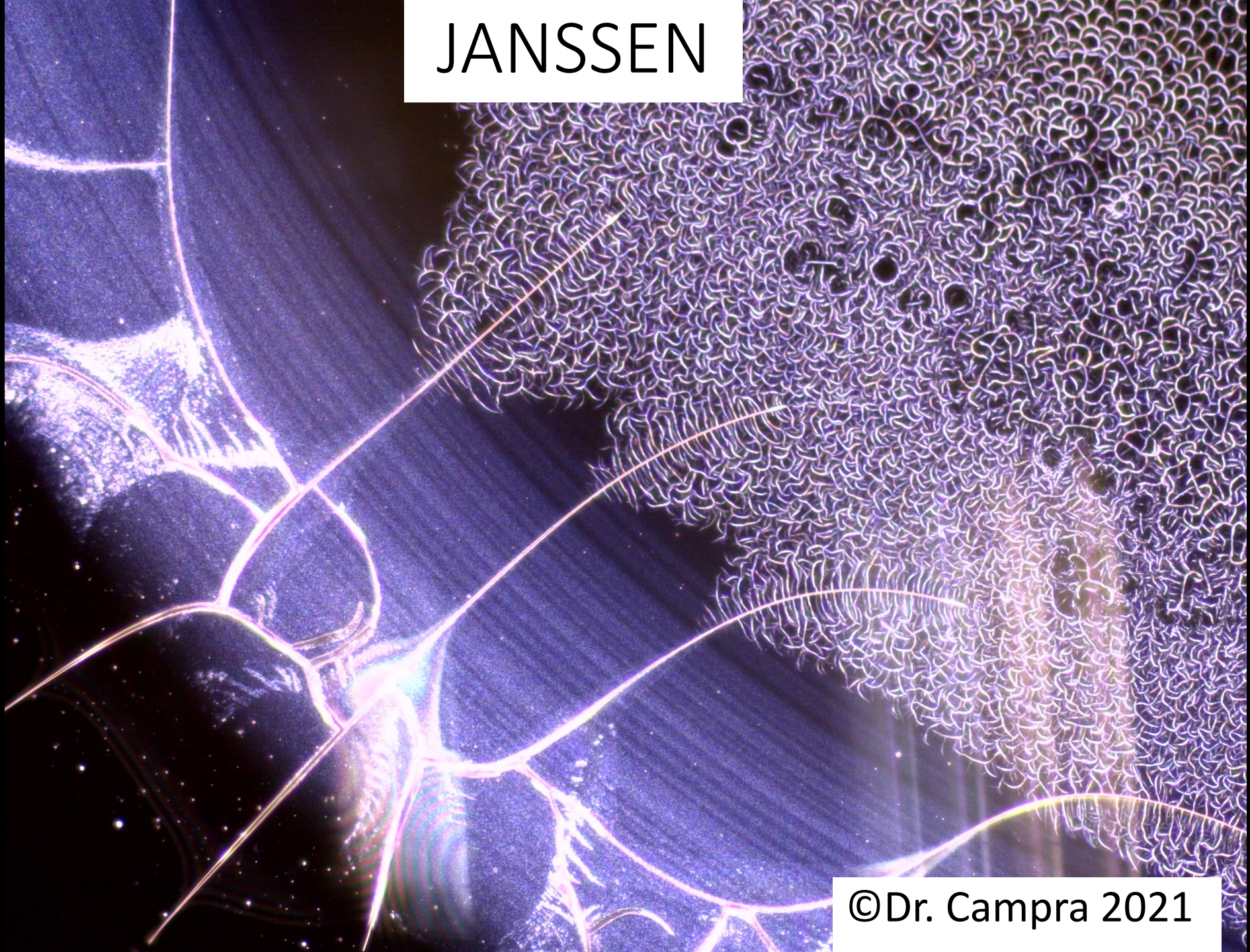
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A microscopic image showing a network of plant cells. The cell walls are highlighted with a bright blue fluorescence, while the internal cytoplasm and chloroplasts exhibit a green fluorescence. The overall appearance is a complex, interconnected web of glowing structures.

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