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# MICRO-STRUCTURES IN COVID VACCINES

Update II. November 29th/2021

¿Inorganic crystals  
or  
Wireless Nanosensors Network?

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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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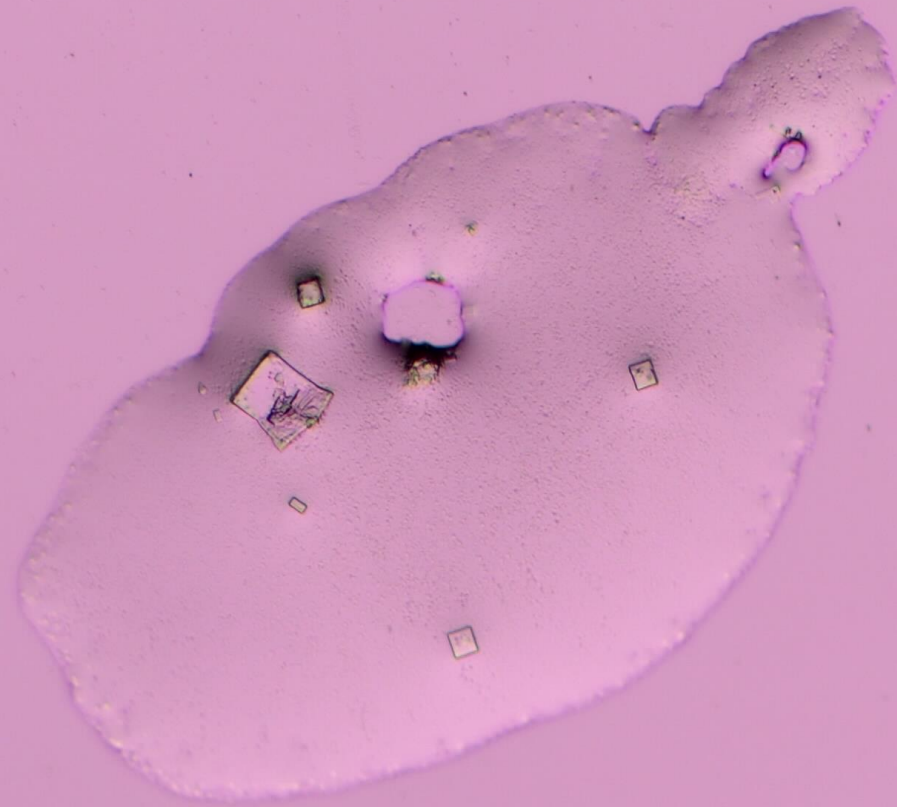
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*Campra, P. [MICROSTRUCTURES IN COVID VACCINES: ¿inorganic crystals or Wireless Nanosensors Network?](#). RESEARCHGATE presentation, November 2021.*

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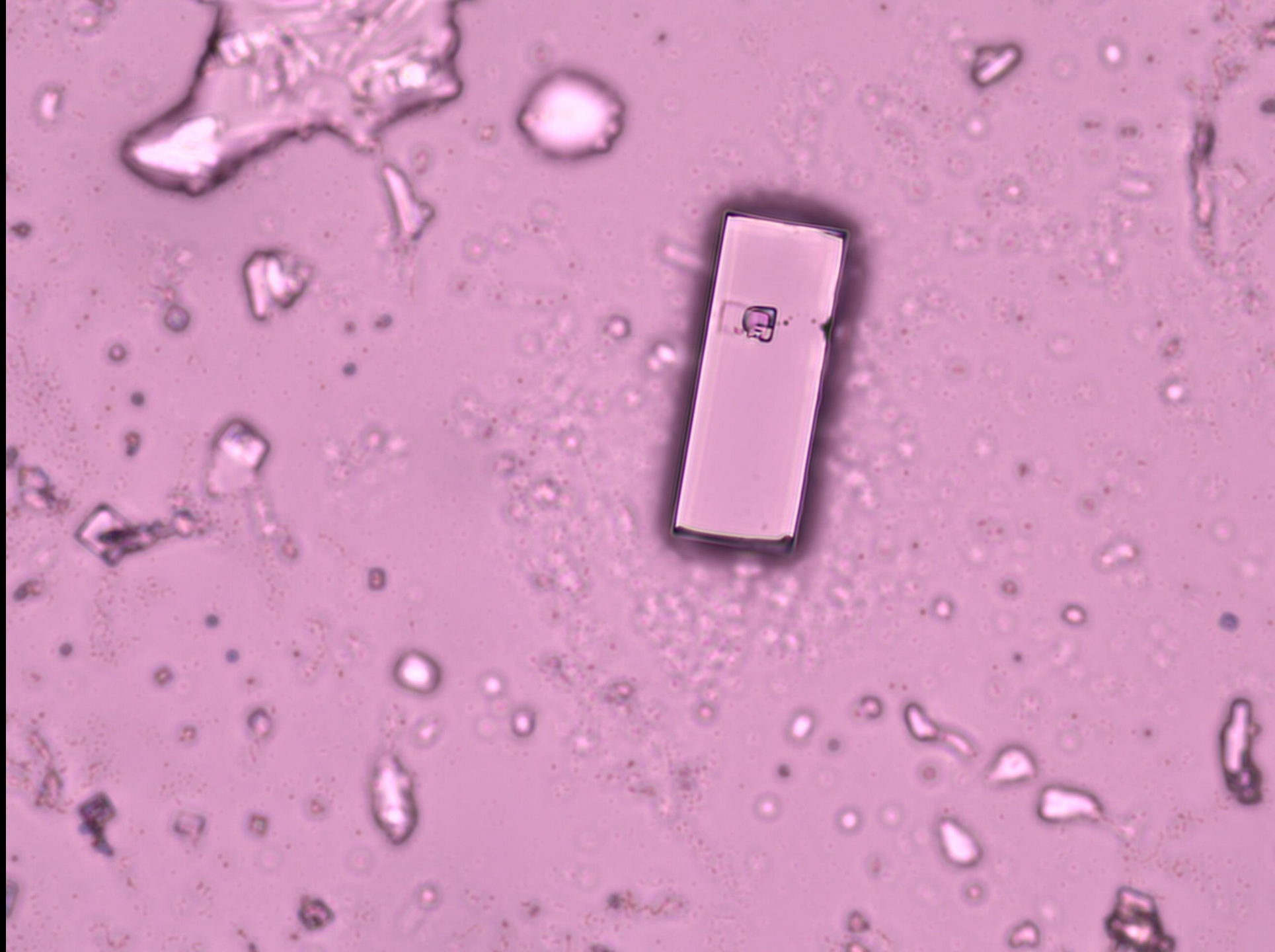
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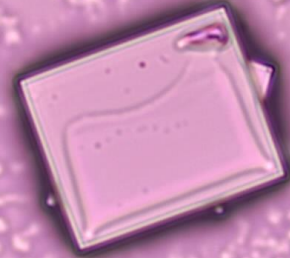
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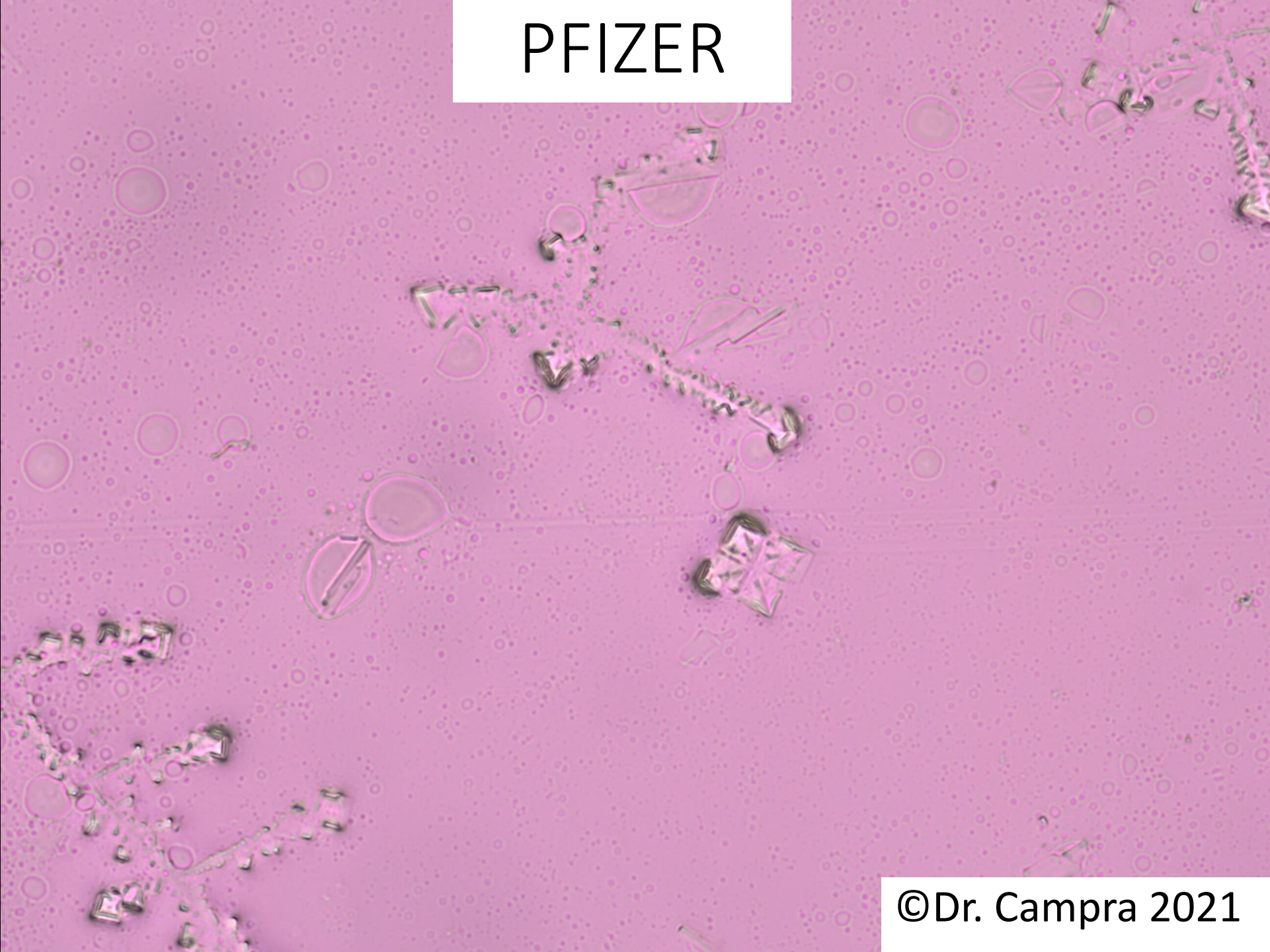
A microscopic image of a cell culture, likely HeLa cells, showing various cell shapes and sizes. A white rectangular box is overlaid on the top center of the image, containing the word "PFIZER" in black, uppercase letters. The background is a light pinkish-purple color.

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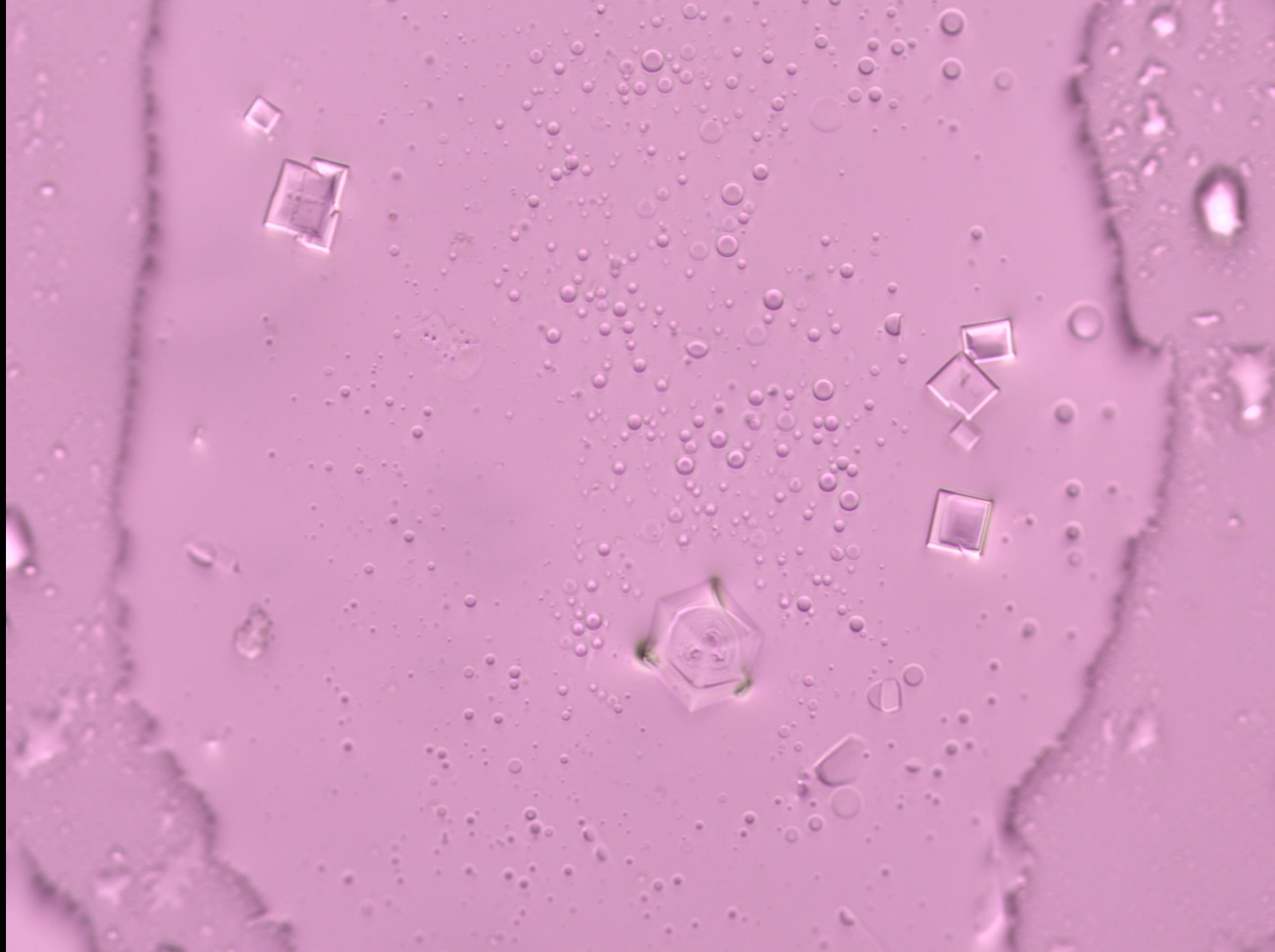


An aerial photograph of a city with a dense street grid. A red square highlights a specific area in the center-right of the image. The rest of the city is shown in a light brown color with green vegetation. The word "PFIZER" is written in white text on a black rectangular background in the top center.

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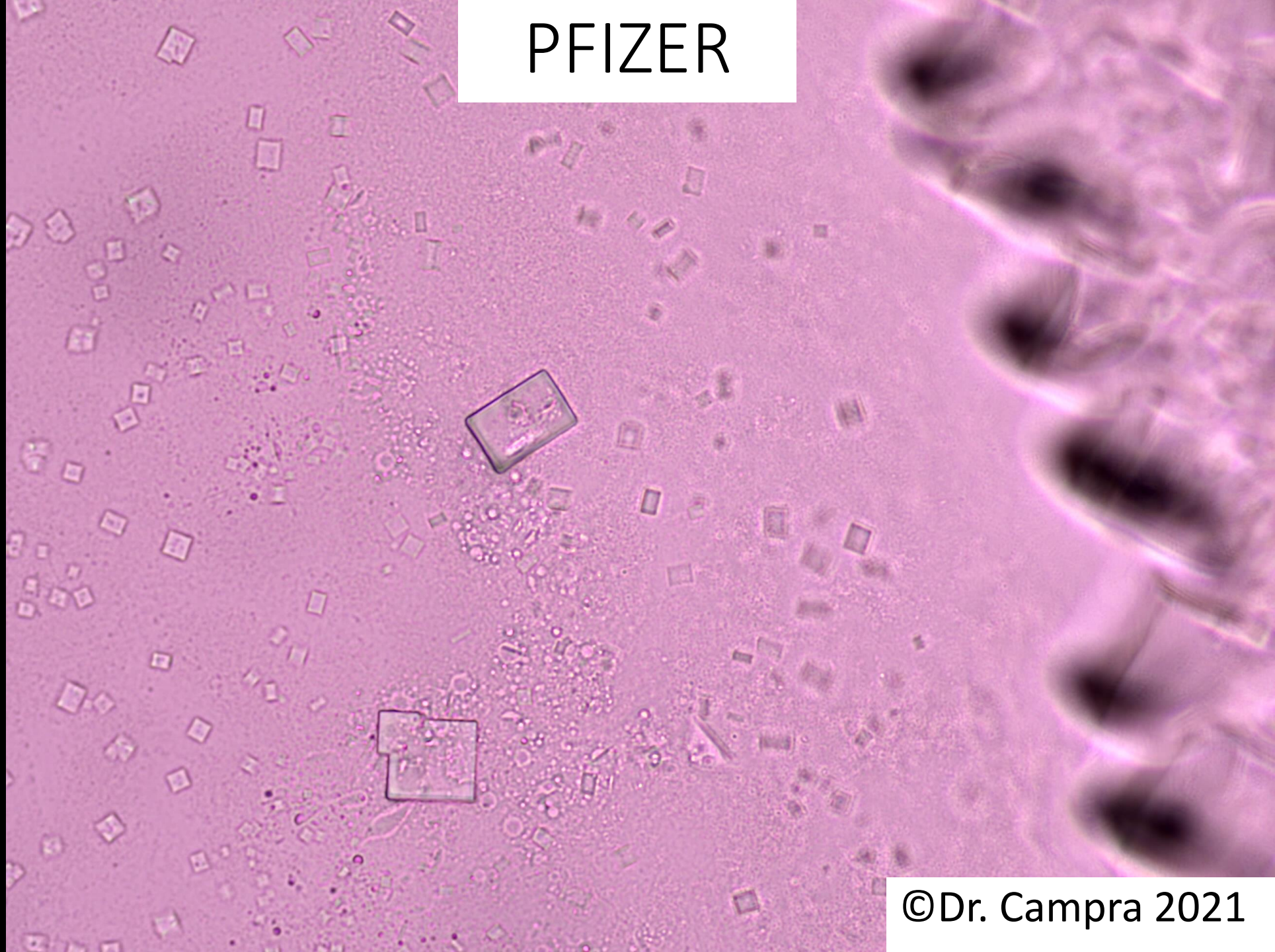
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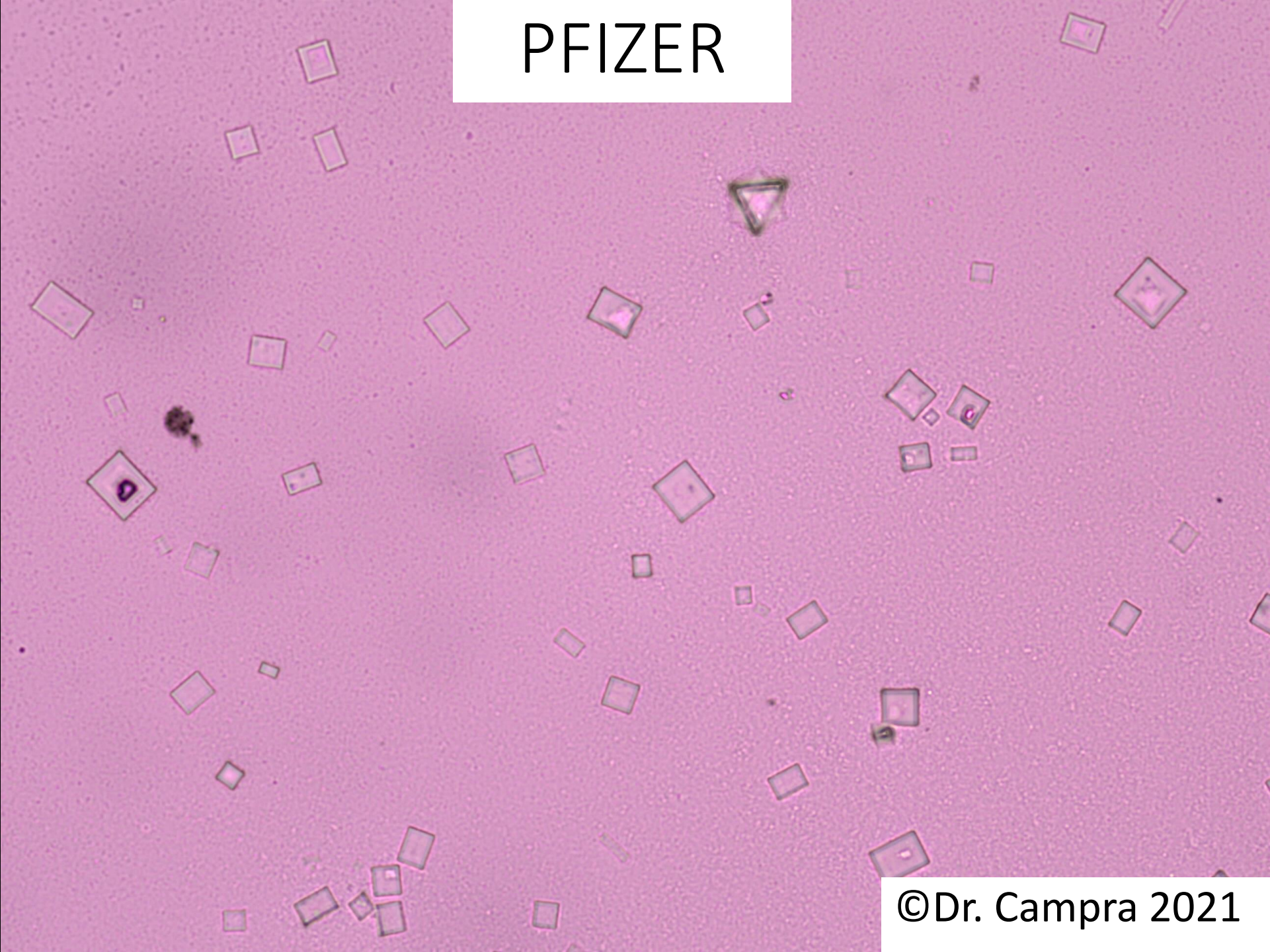
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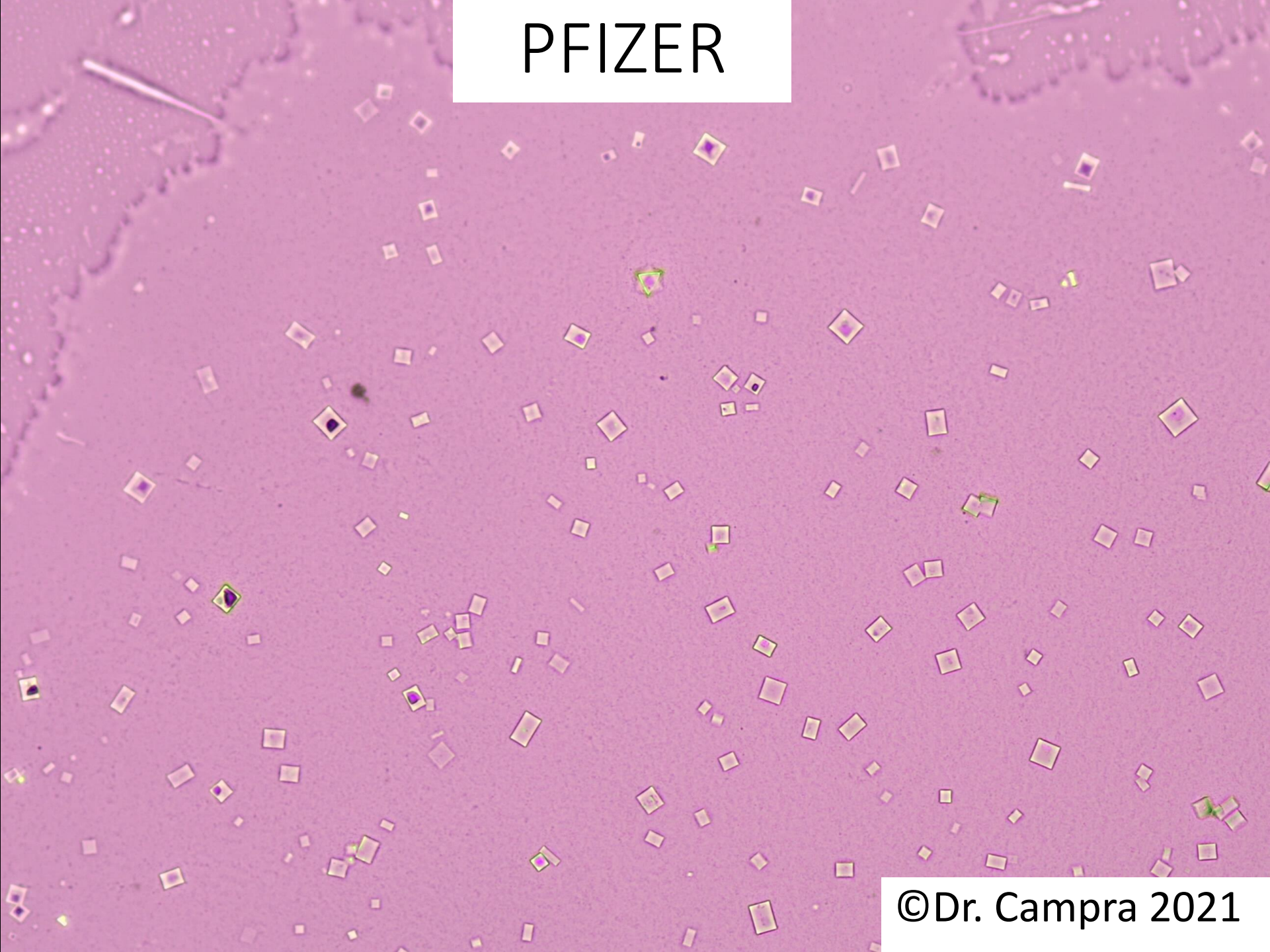
A microscopic image showing a dense field of small, light-colored, rectangular or square-shaped crystals. The crystals are scattered across the field of view, with some appearing more prominent than others. The background is a uniform, light purple or pinkish hue. A white rectangular box is positioned at the top center of the image, containing the word "PFIZER" in black, uppercase, sans-serif font.

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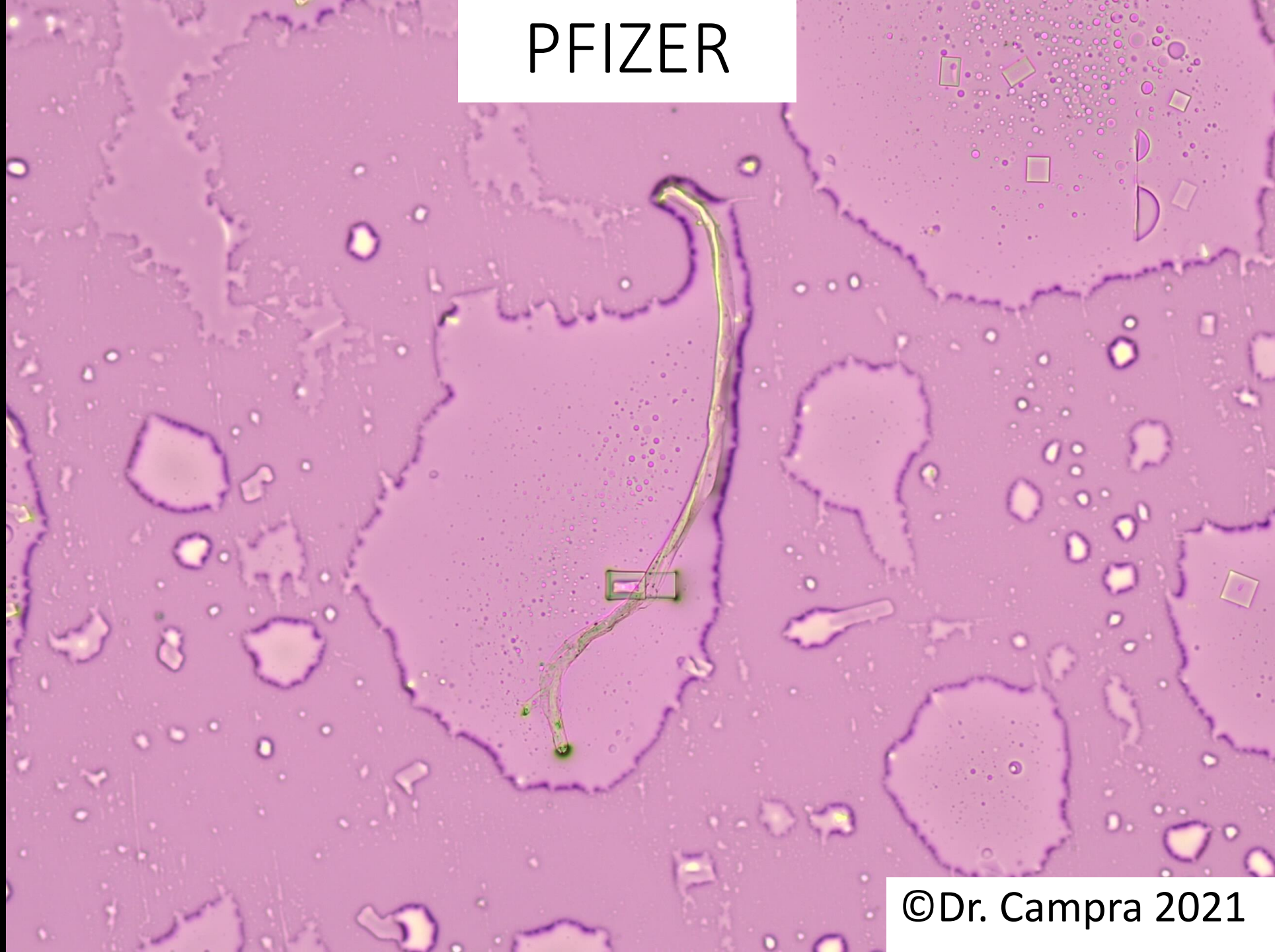
A high-magnification microscopic image of a perforated metal surface. The surface is covered with numerous small, circular holes. Several larger, irregularly shaped areas are embossed with a complex, grid-like pattern, likely representing a specific manufacturing process or design. The overall appearance is metallic and textured.

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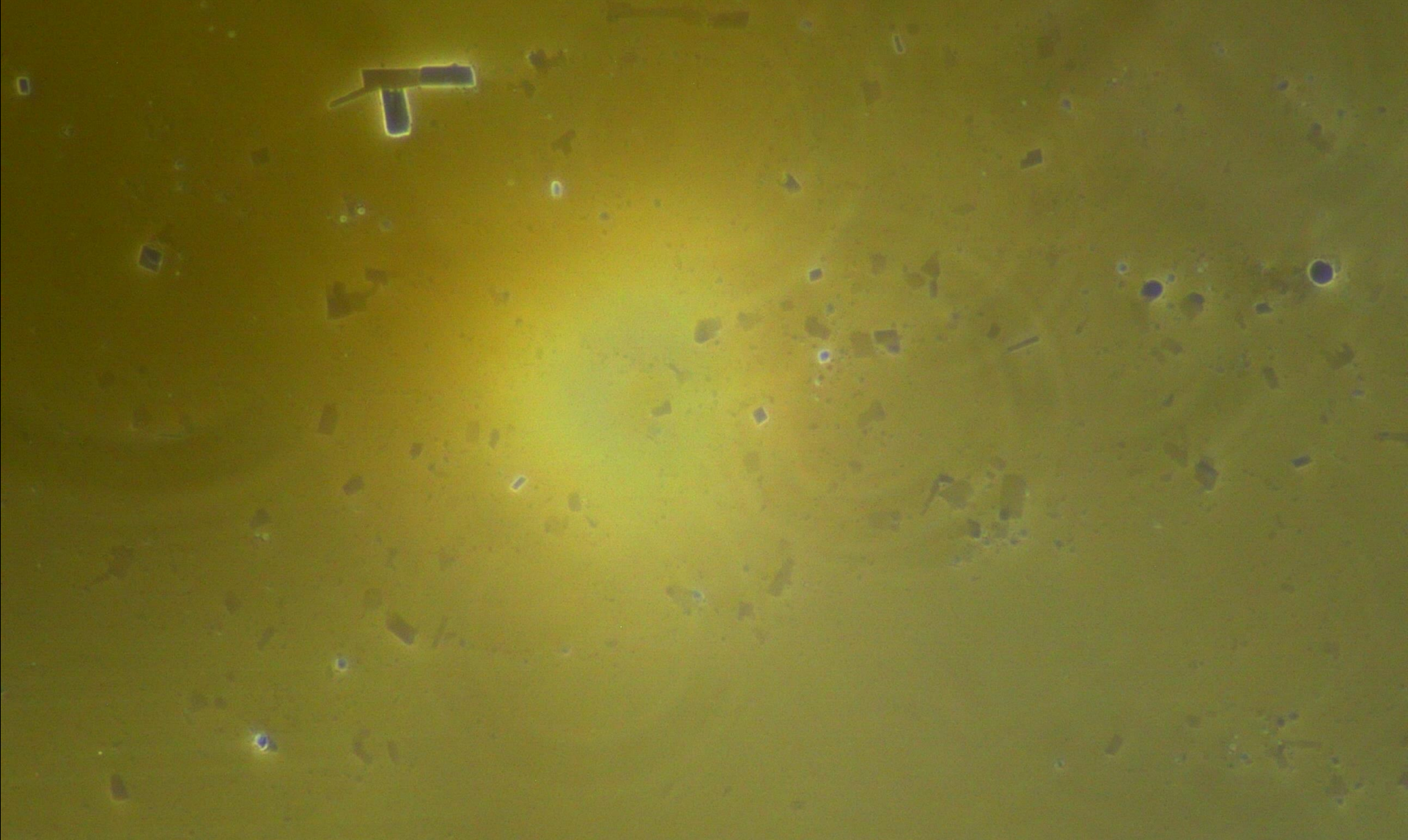
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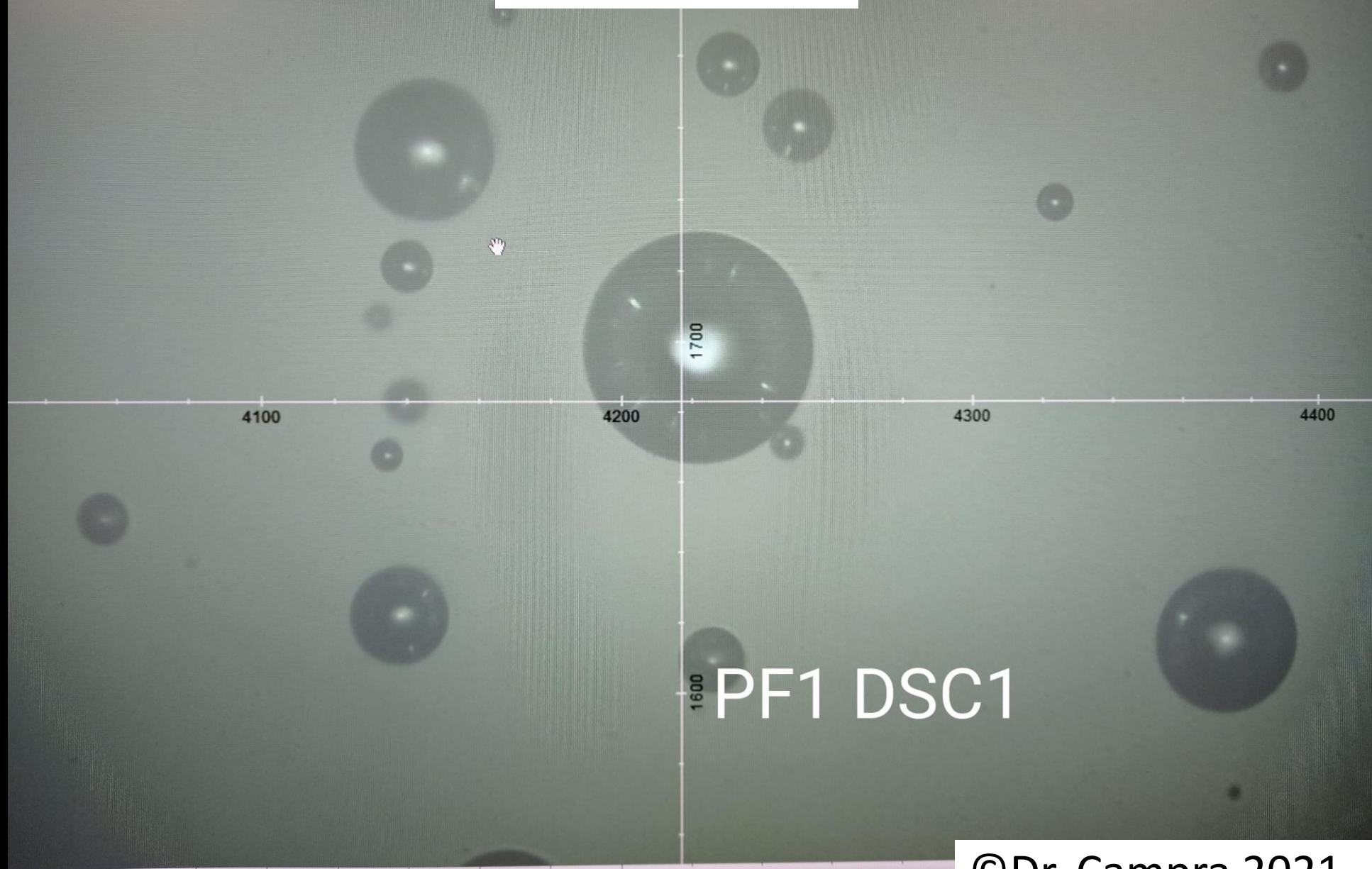
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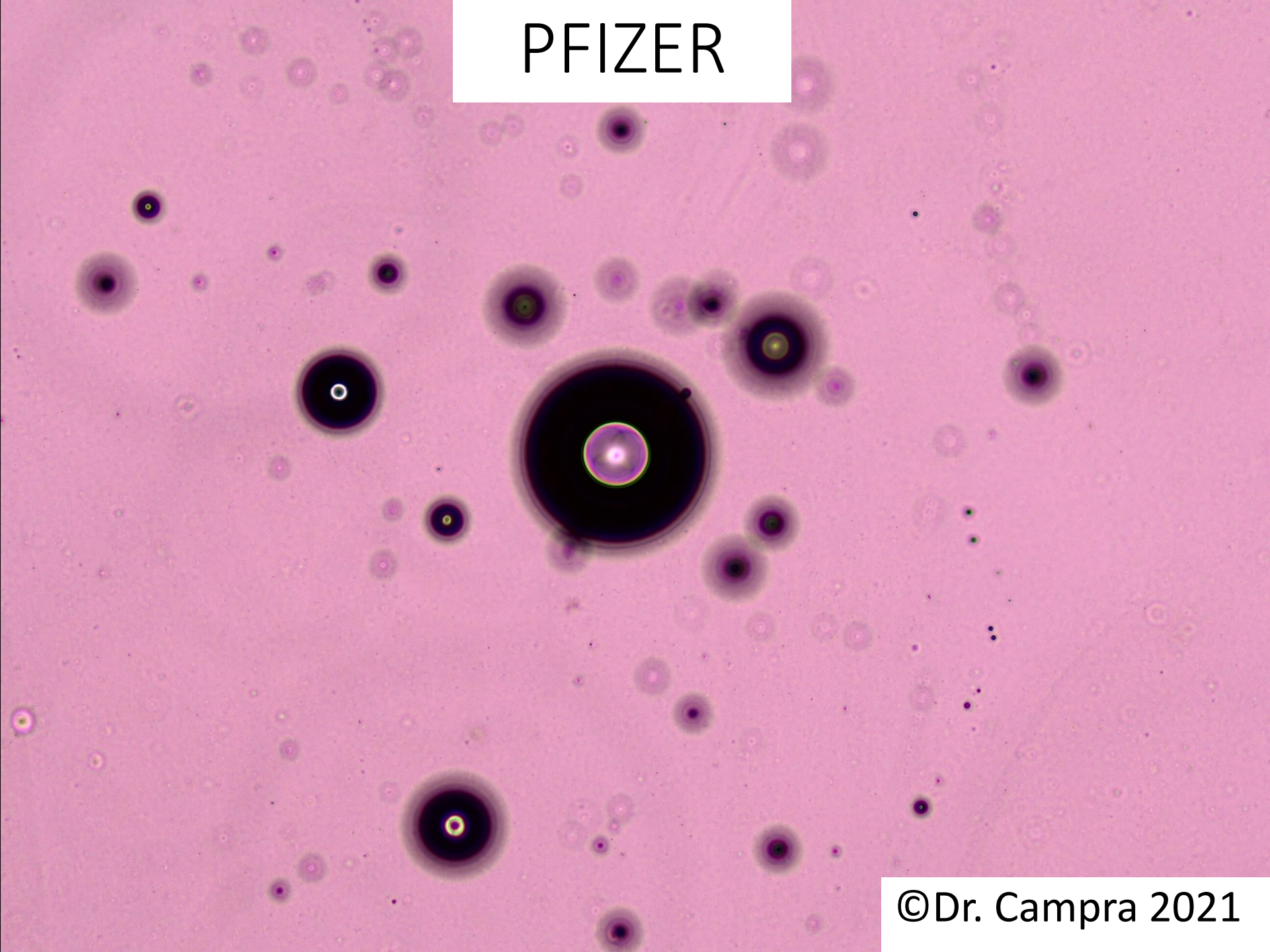
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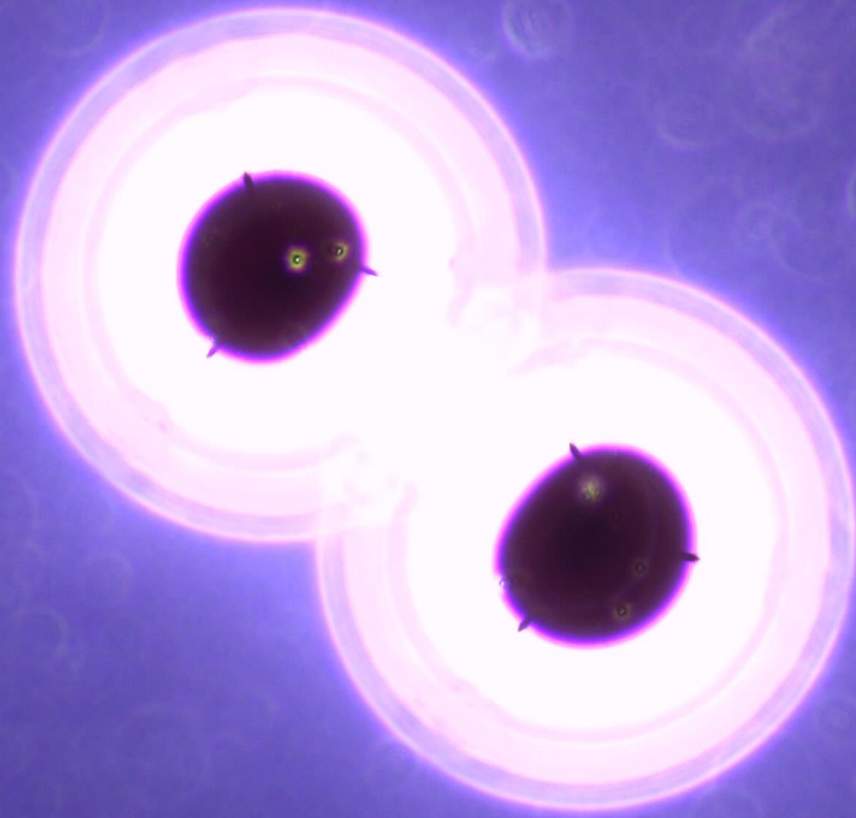
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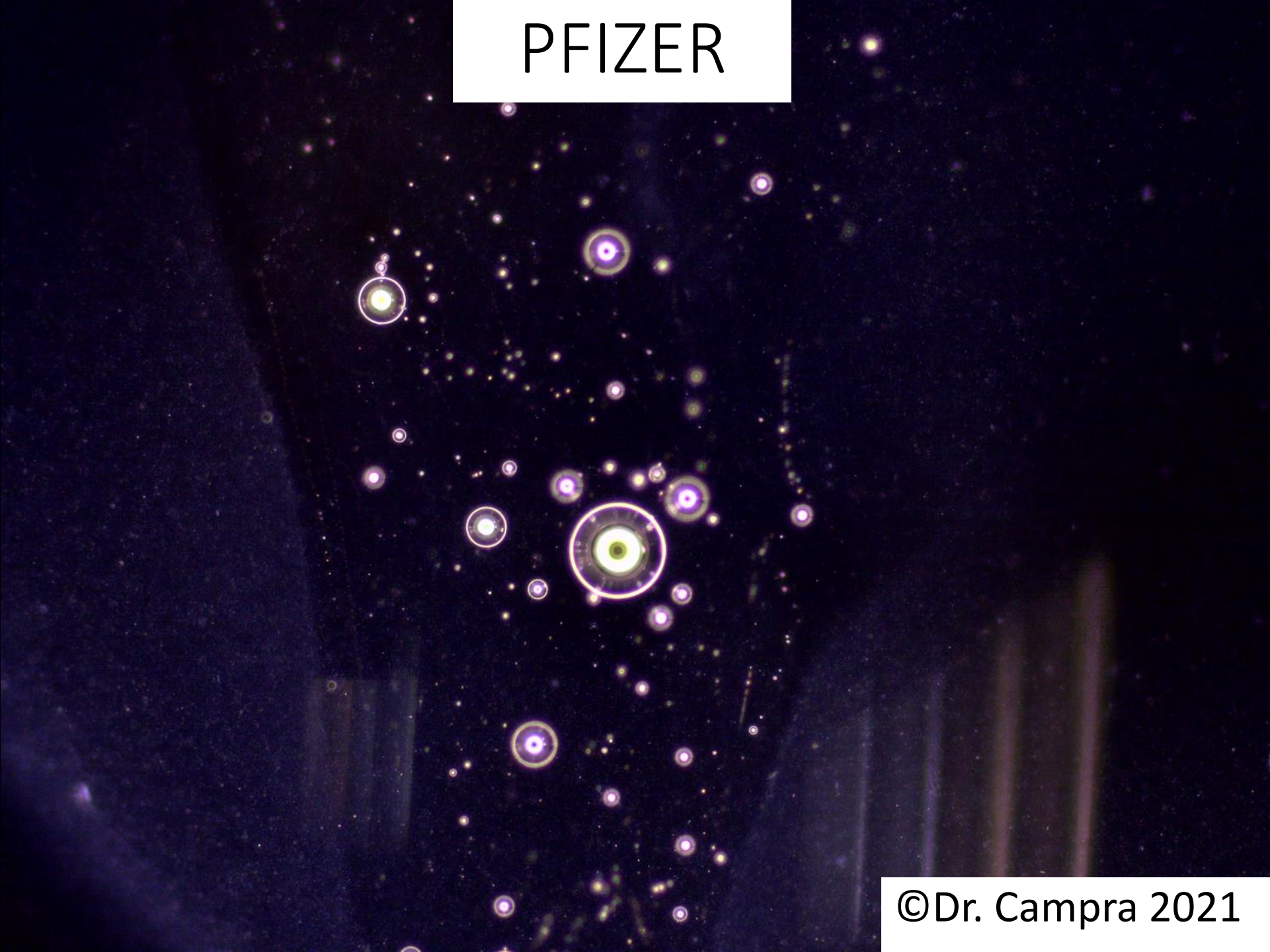


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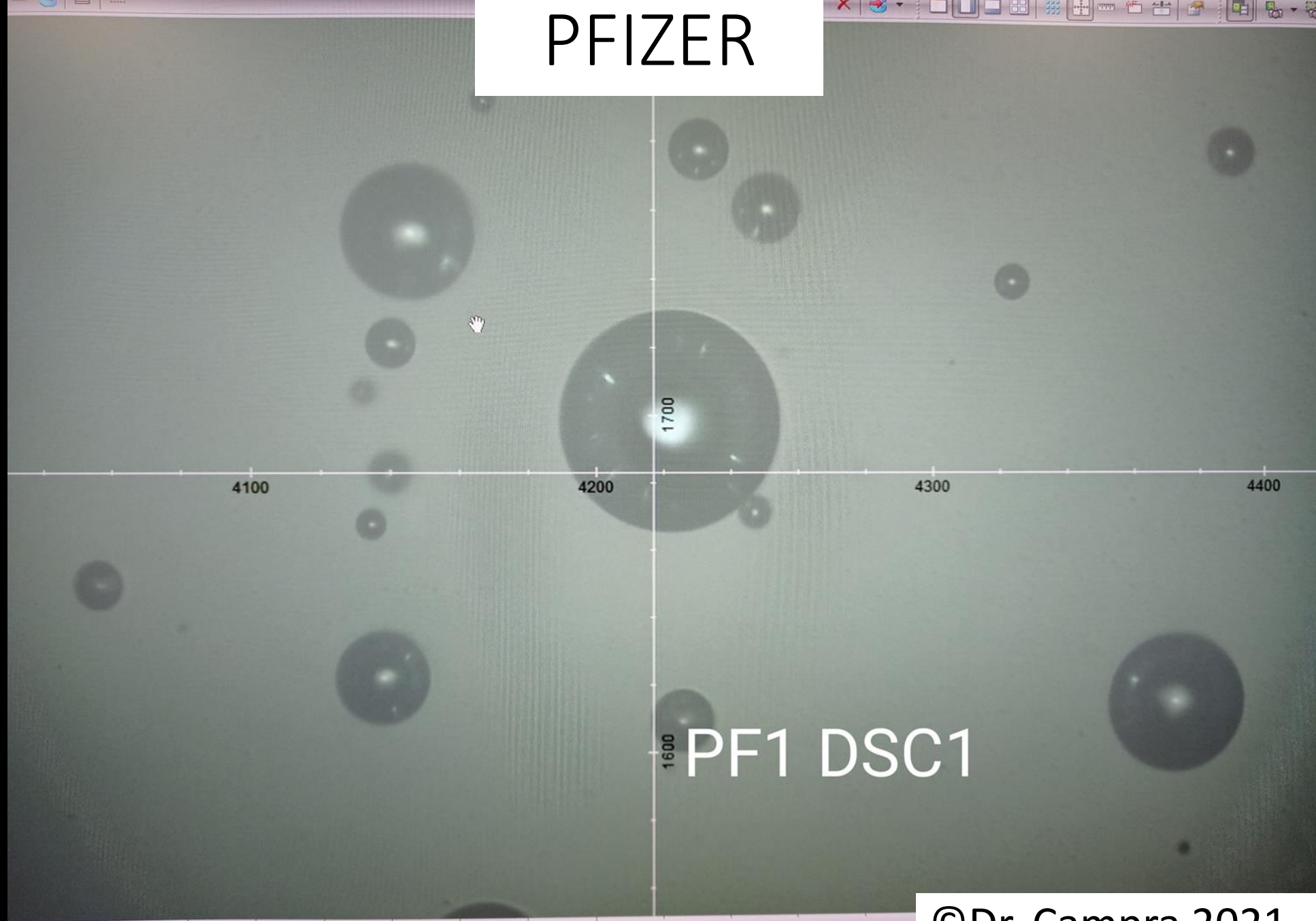
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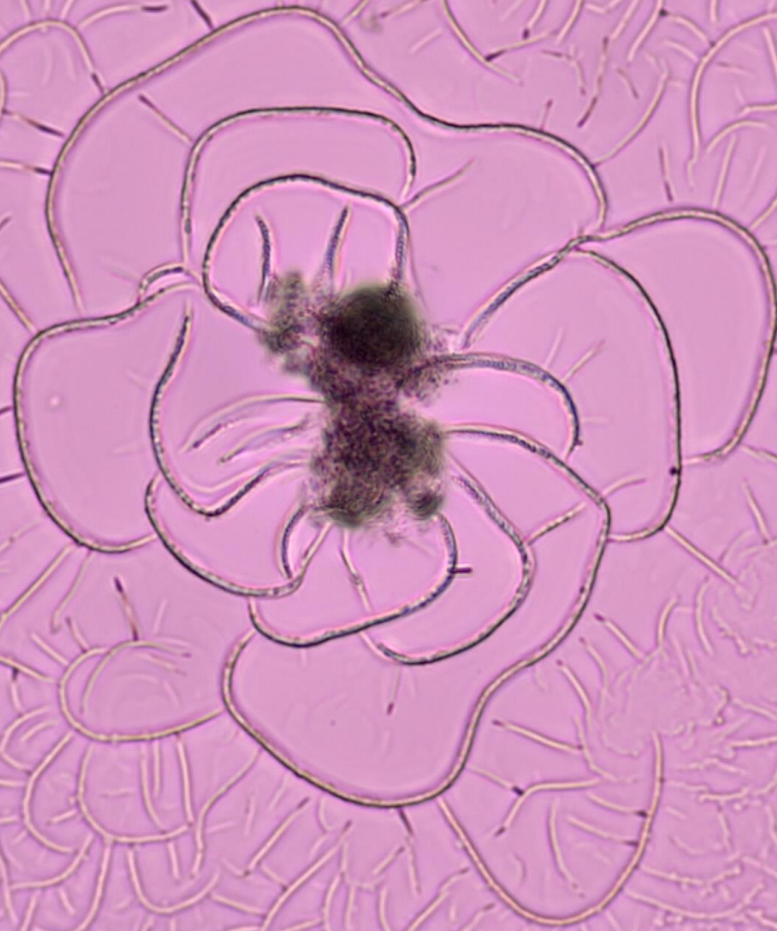
A microscopic image of a plant leaf surface, showing a network of stomata. The stomata are surrounded by guard cells and are embedded in a layer of epidermal cells. The overall appearance is a dense, interconnected pattern of cells and stomata.

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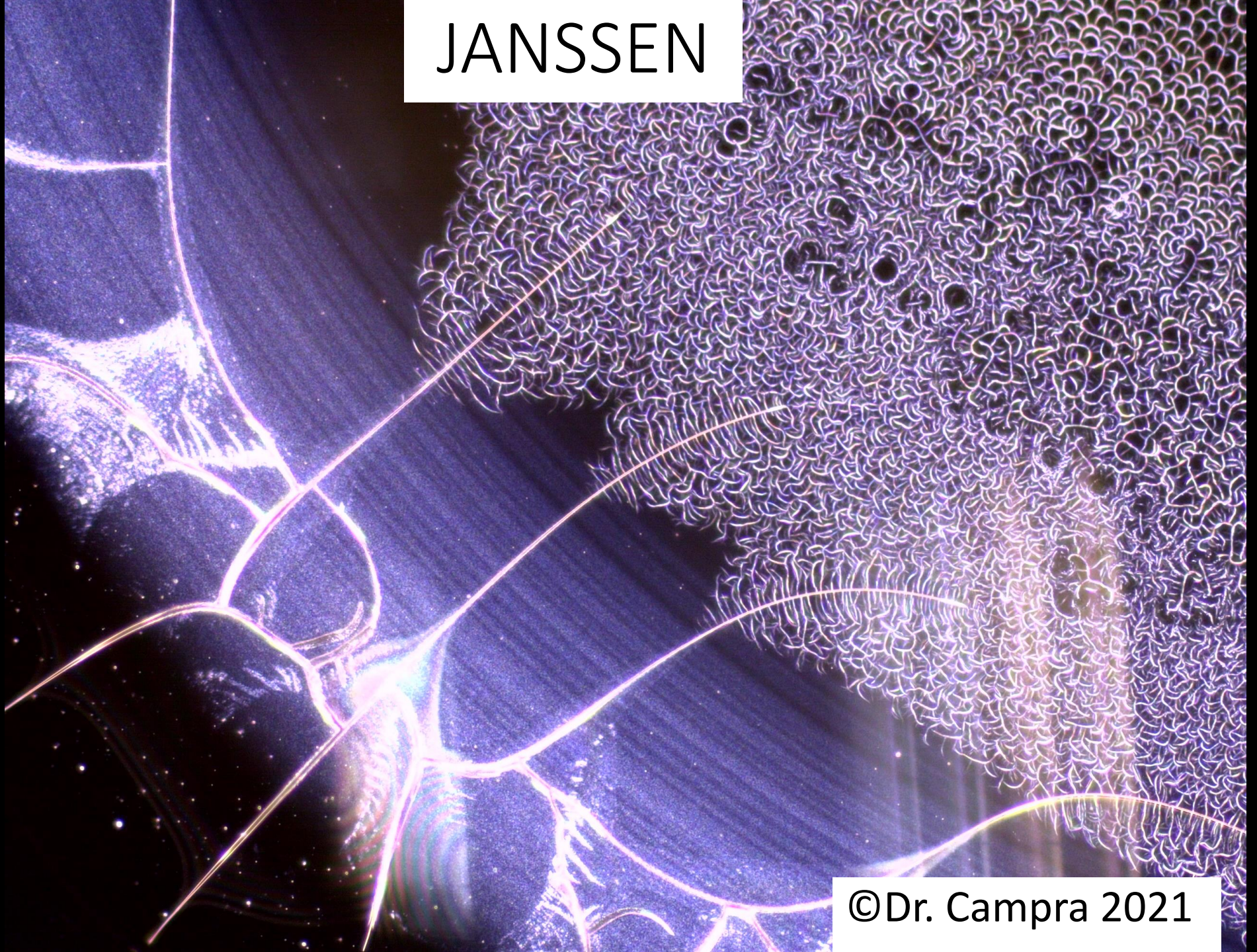
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A microscopic image showing a network of plant cells. The cell walls are highlighted with a bright blue fluorescence, while the internal cytoplasm and chloroplasts exhibit a green fluorescence. The cells are interconnected, forming a complex, wavy pattern.

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