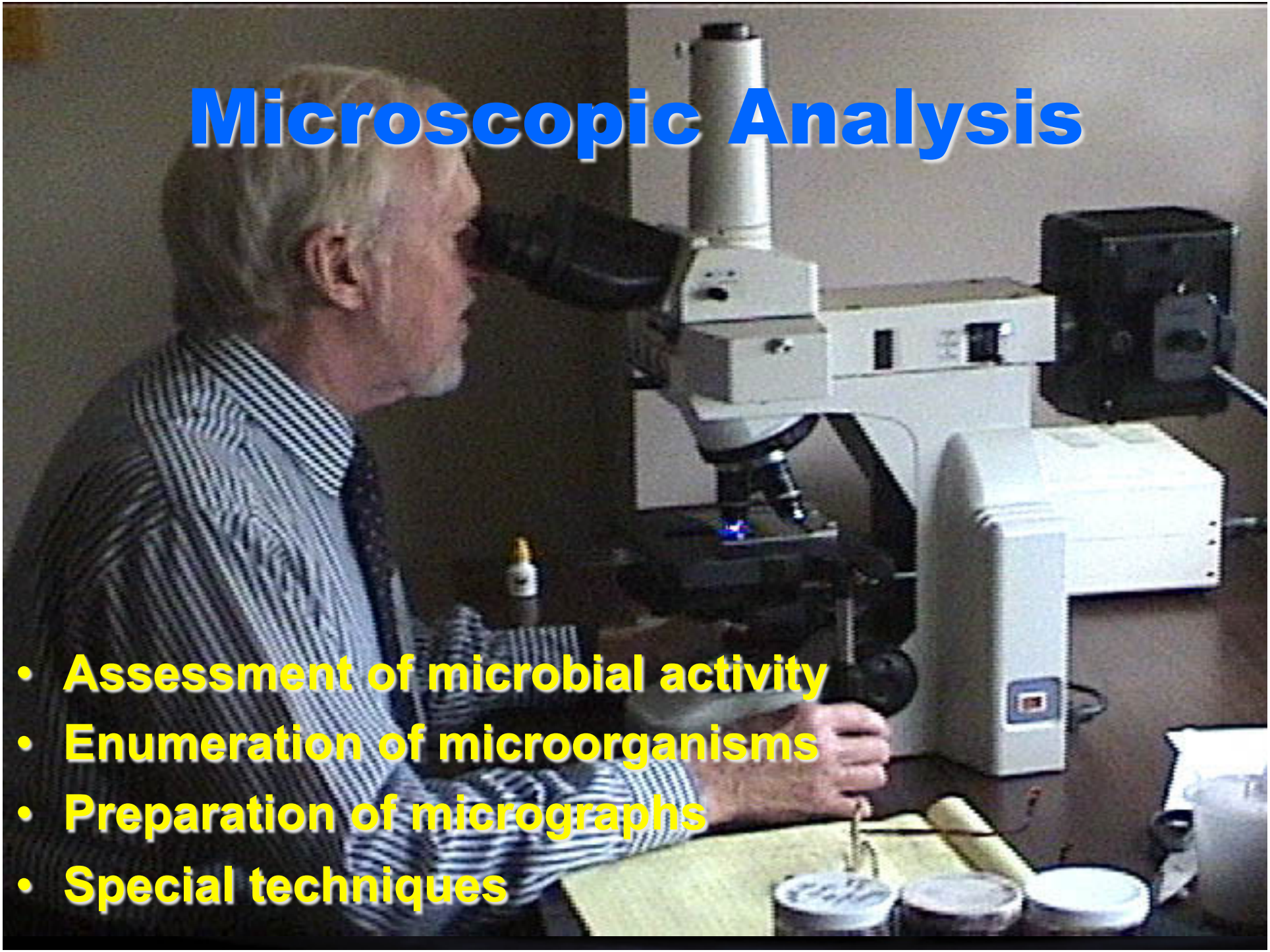
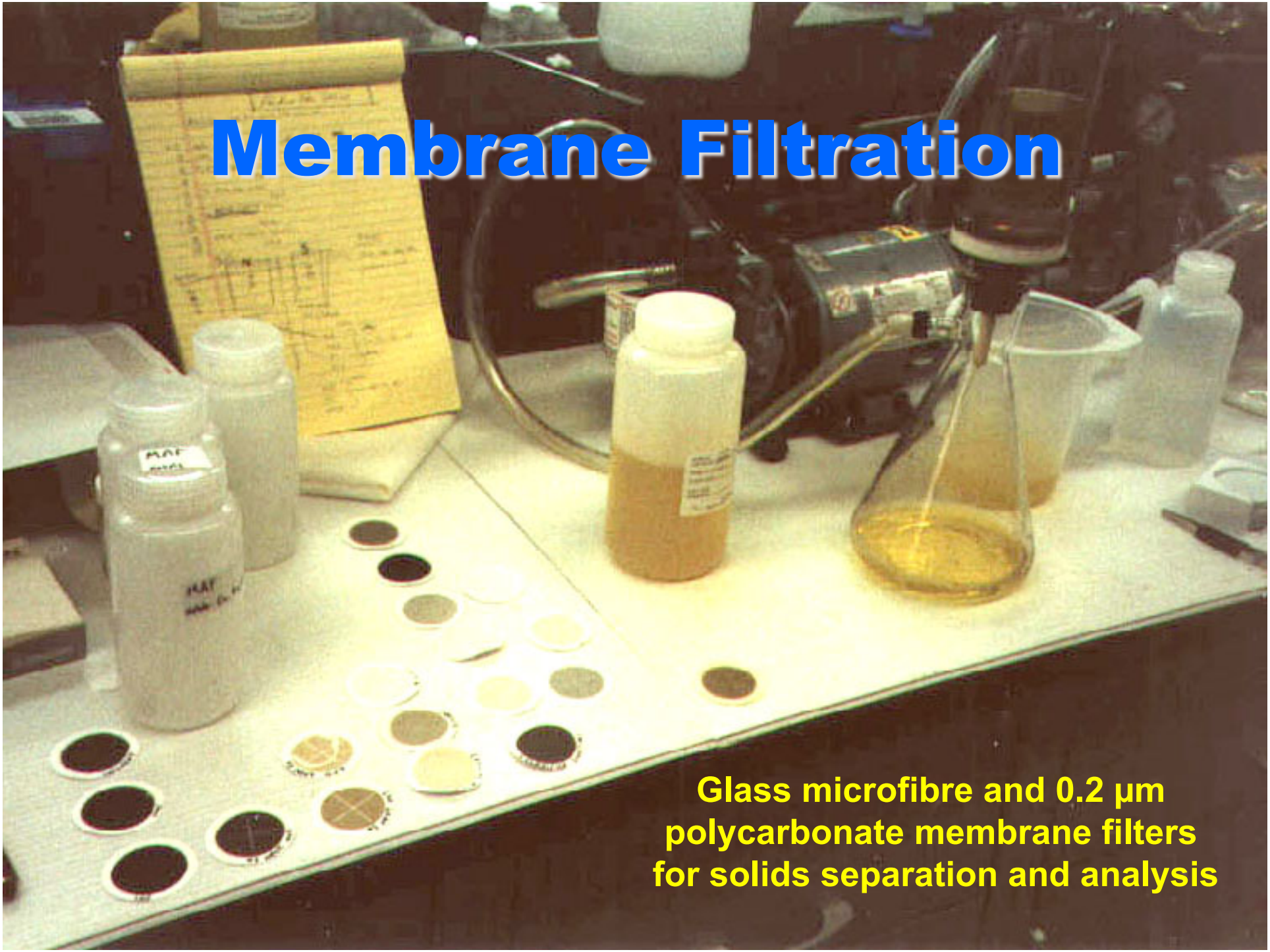
Microbiology

Tom O'Connor

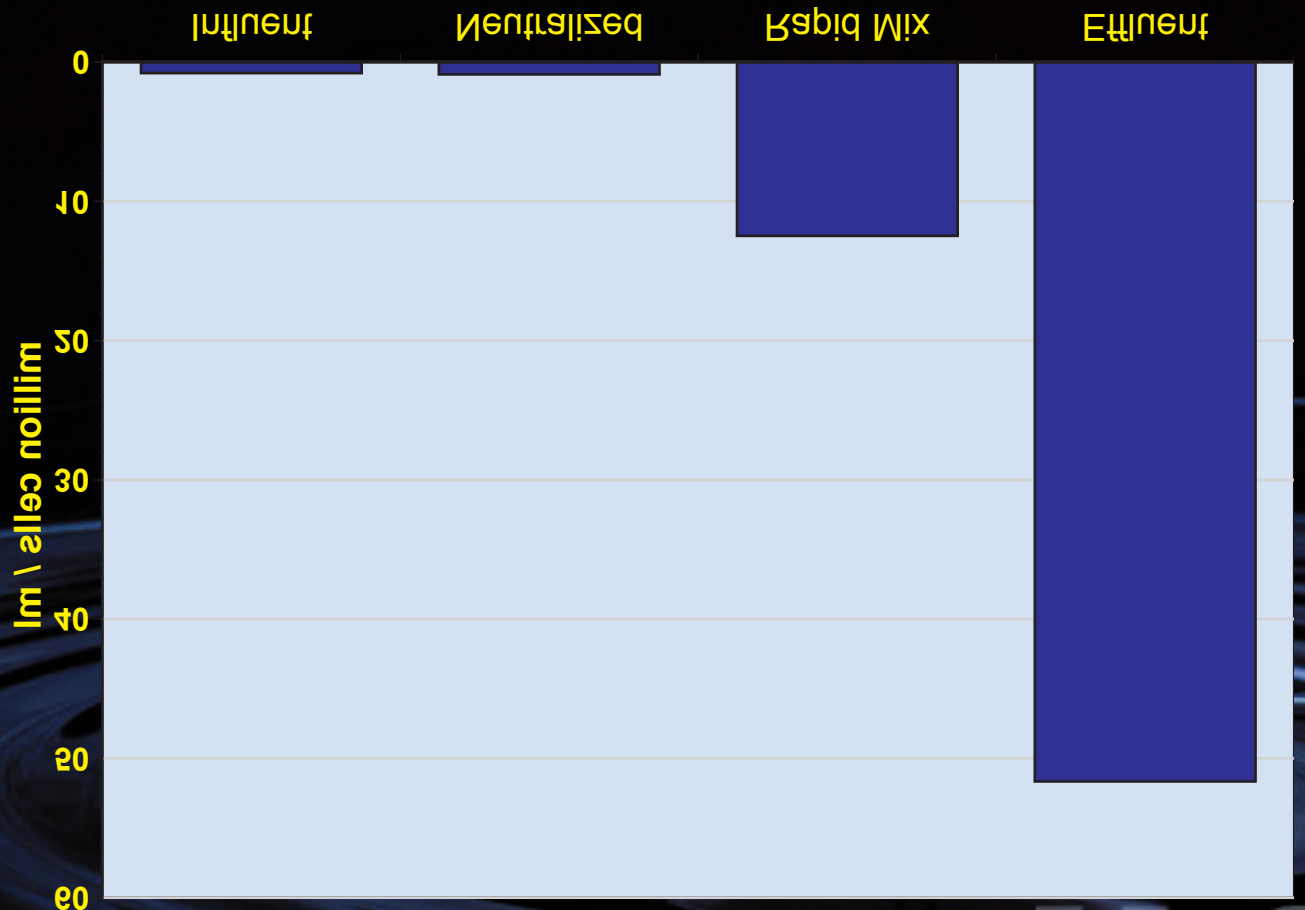
Microscopic Analysis



- Assessment of microbial activity
- Enumeration of microorganisms
- Preparation of micrographs
- Special techniques


Membrane Filtration
Glass microfibre and 0.2 µm
polycarbonate membrane filters
for solids separation and analysis

Total Bacterial Cell Counts



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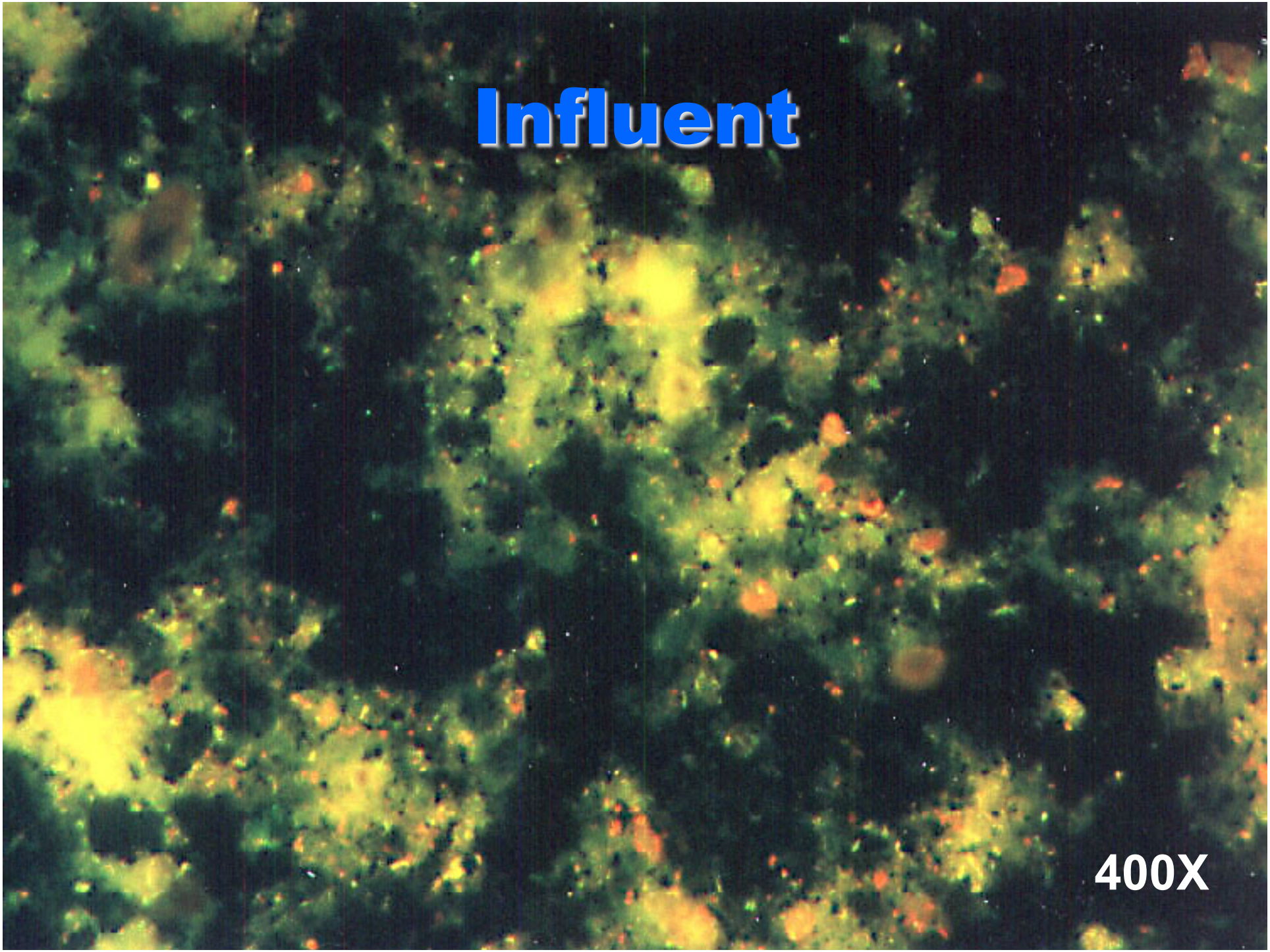
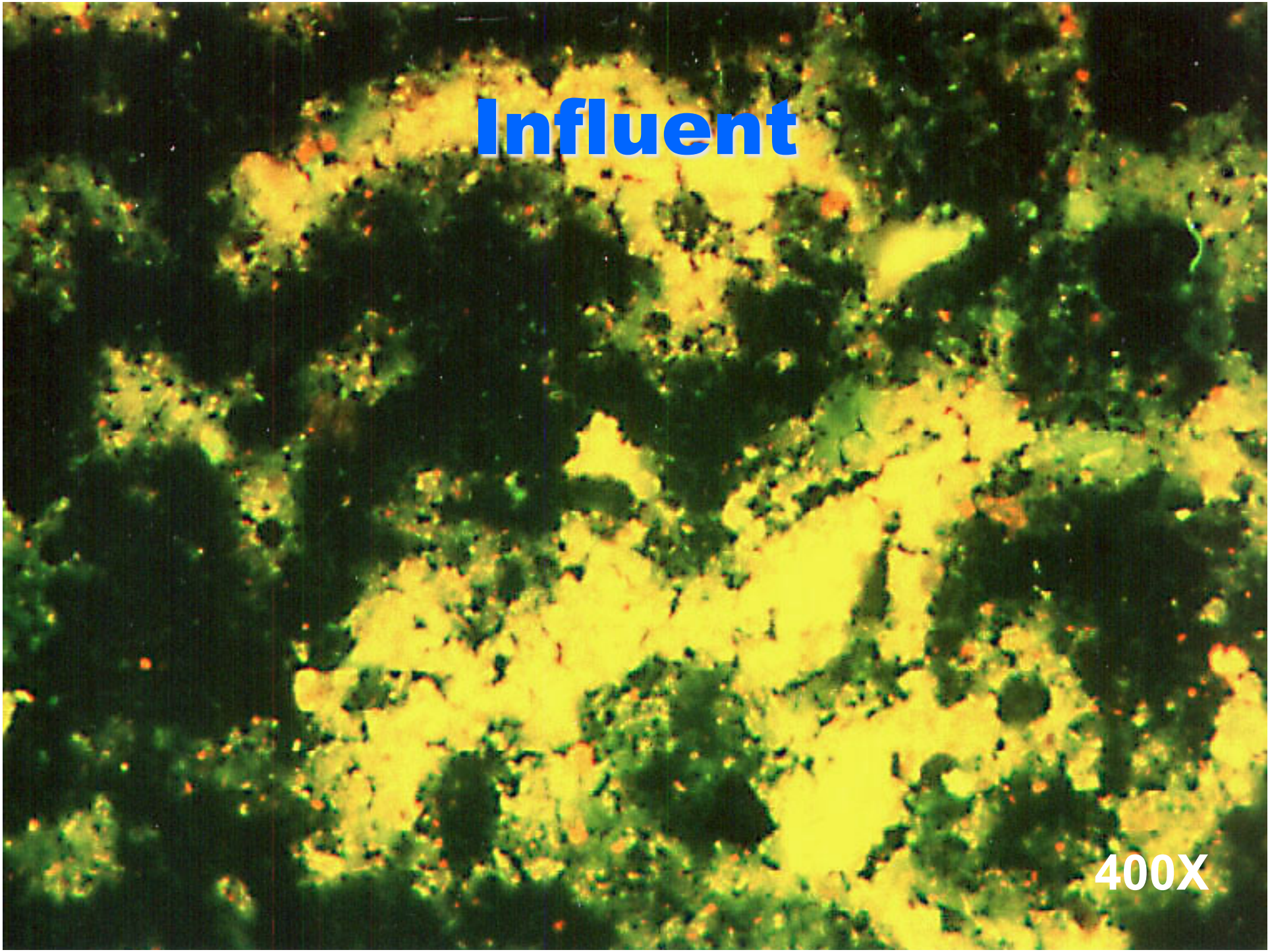
Bacterial Characterization


Influent
400X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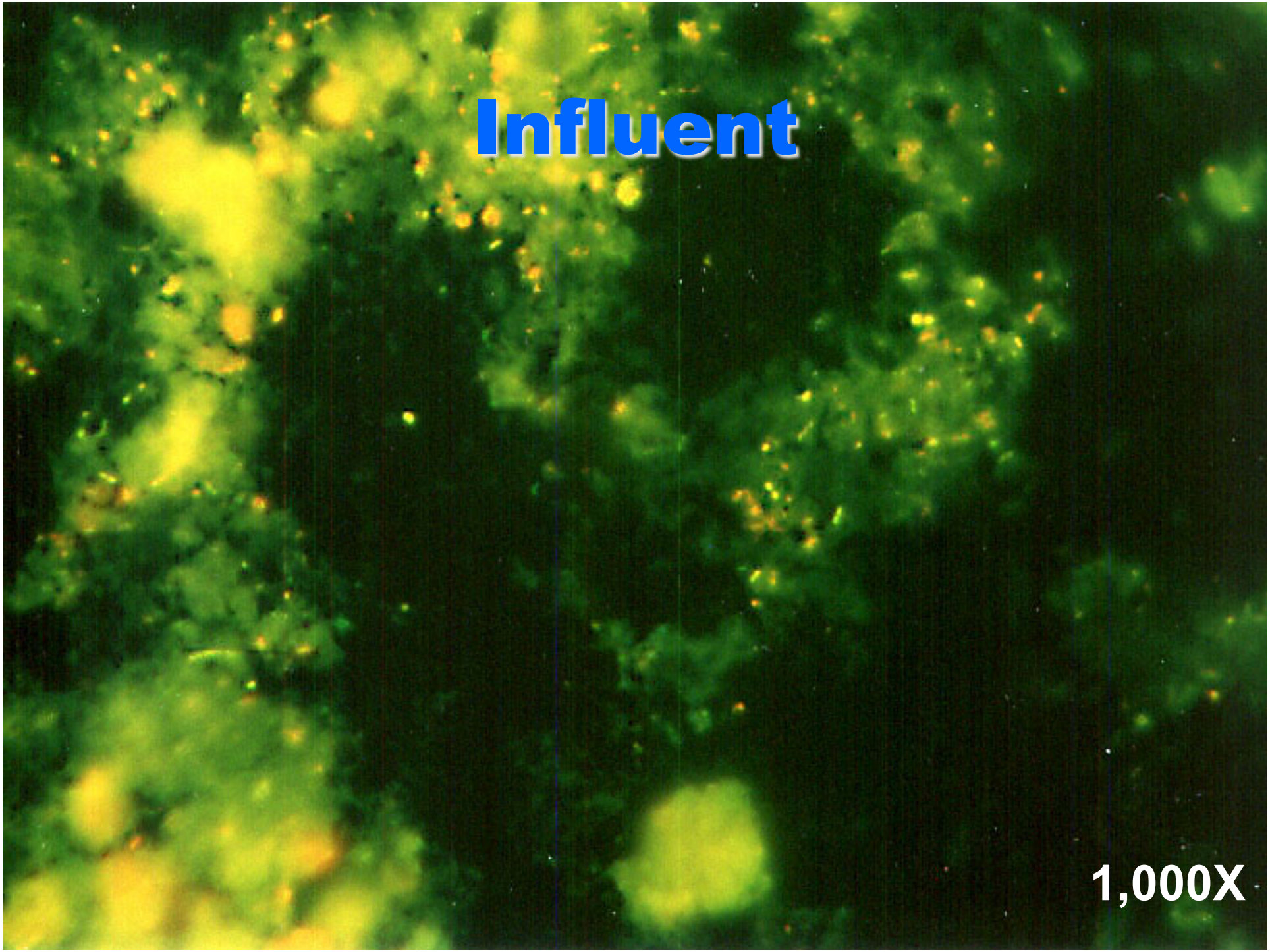
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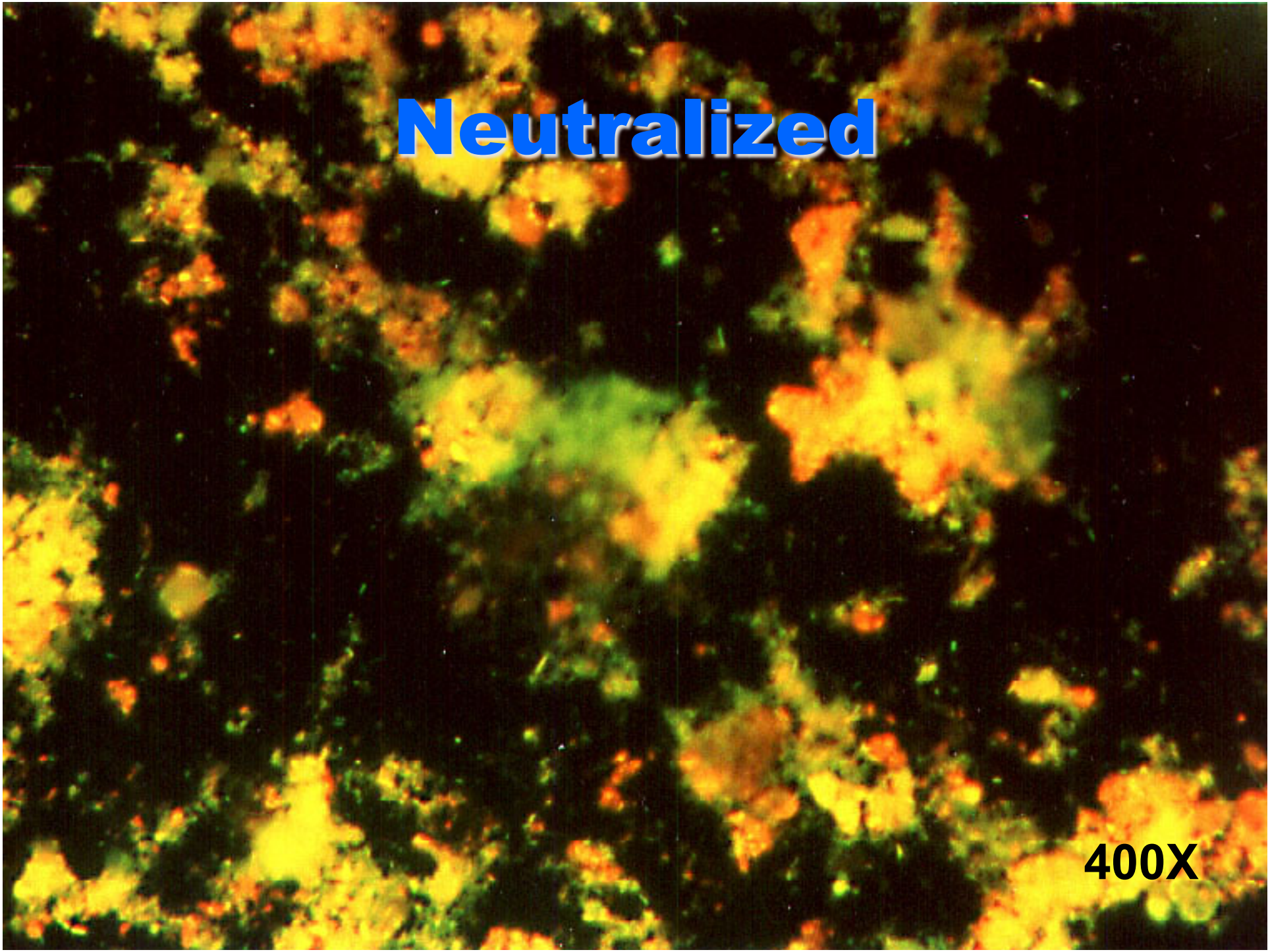
Neutralized
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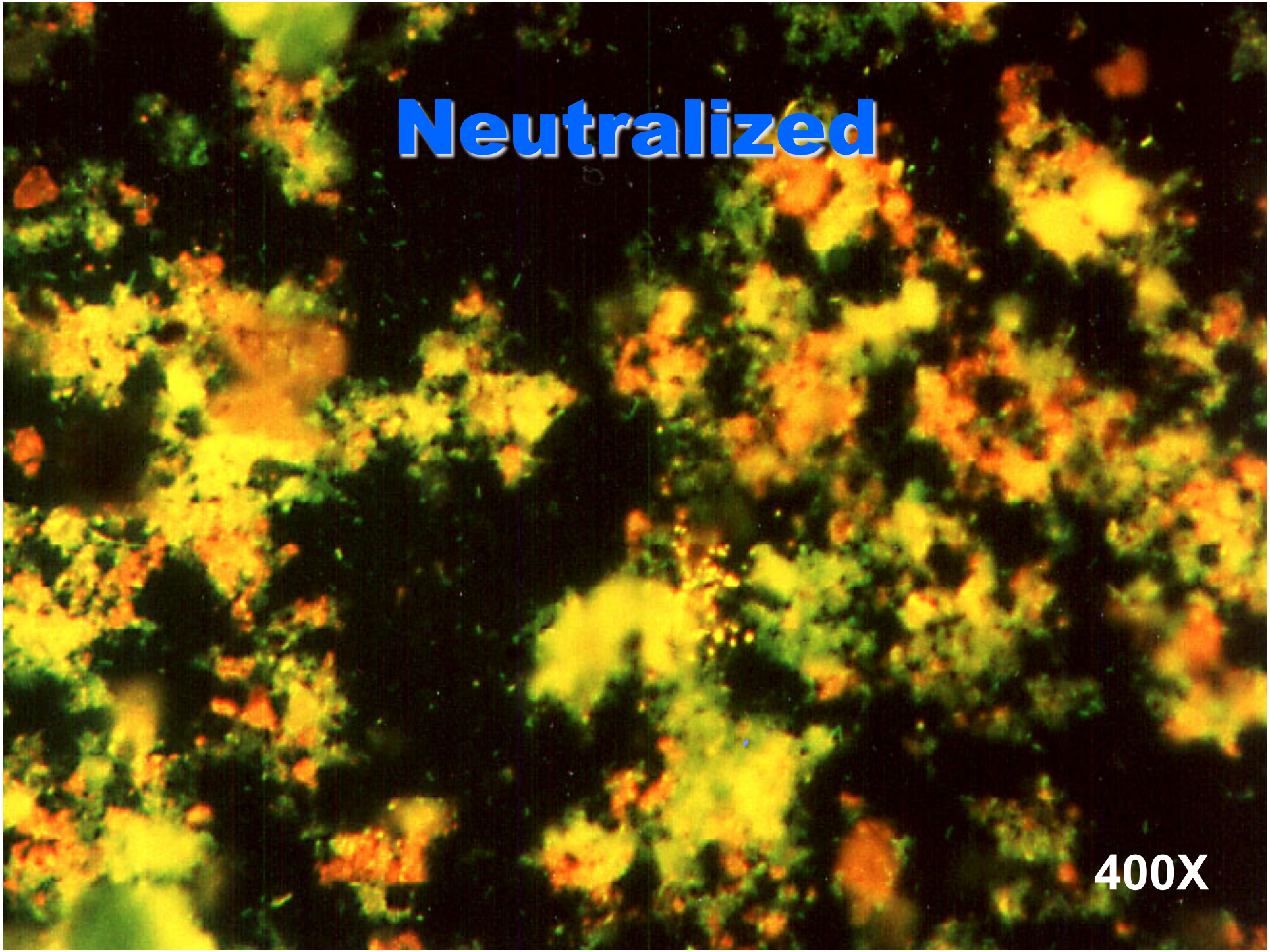
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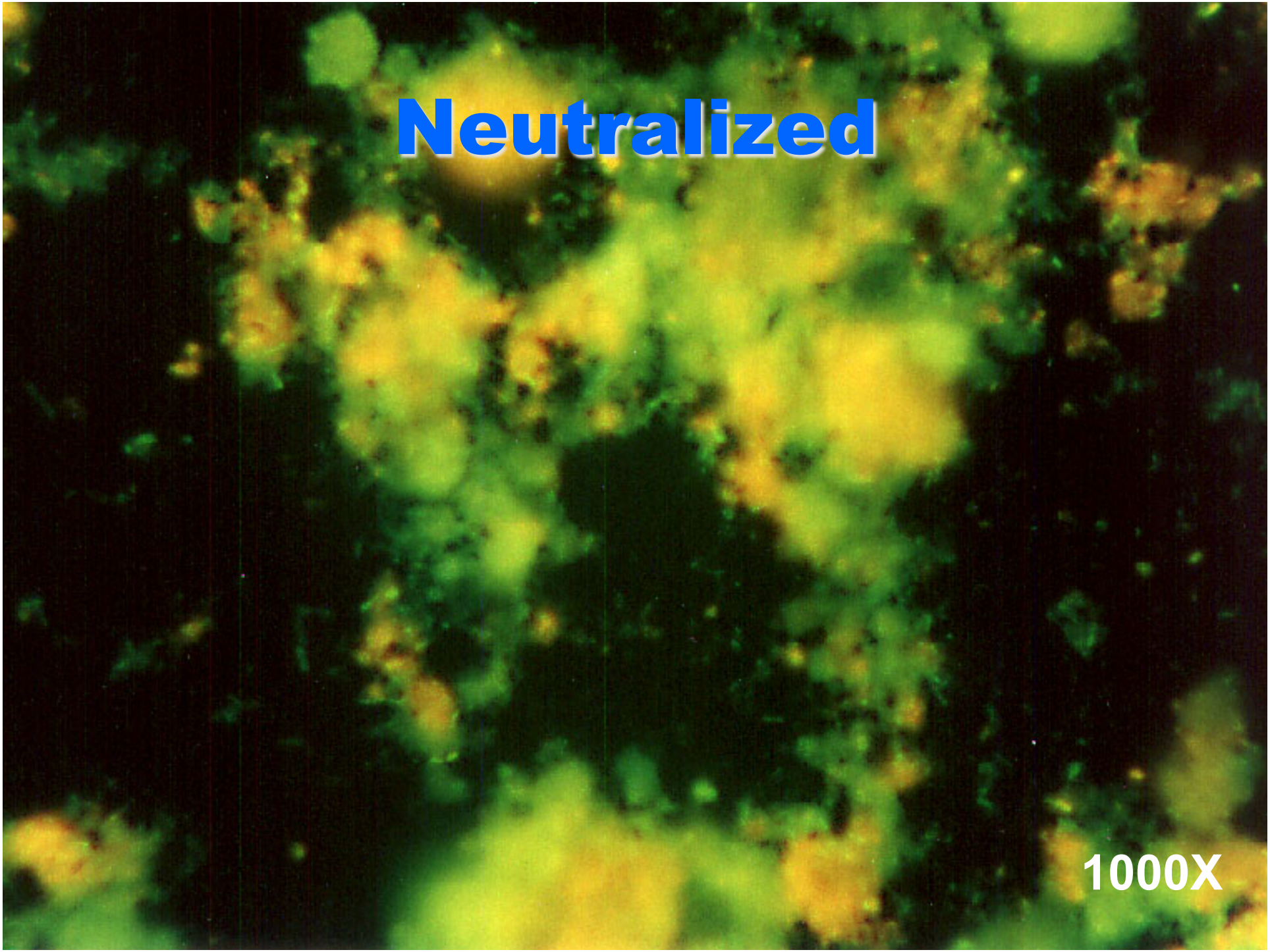
Neutralized
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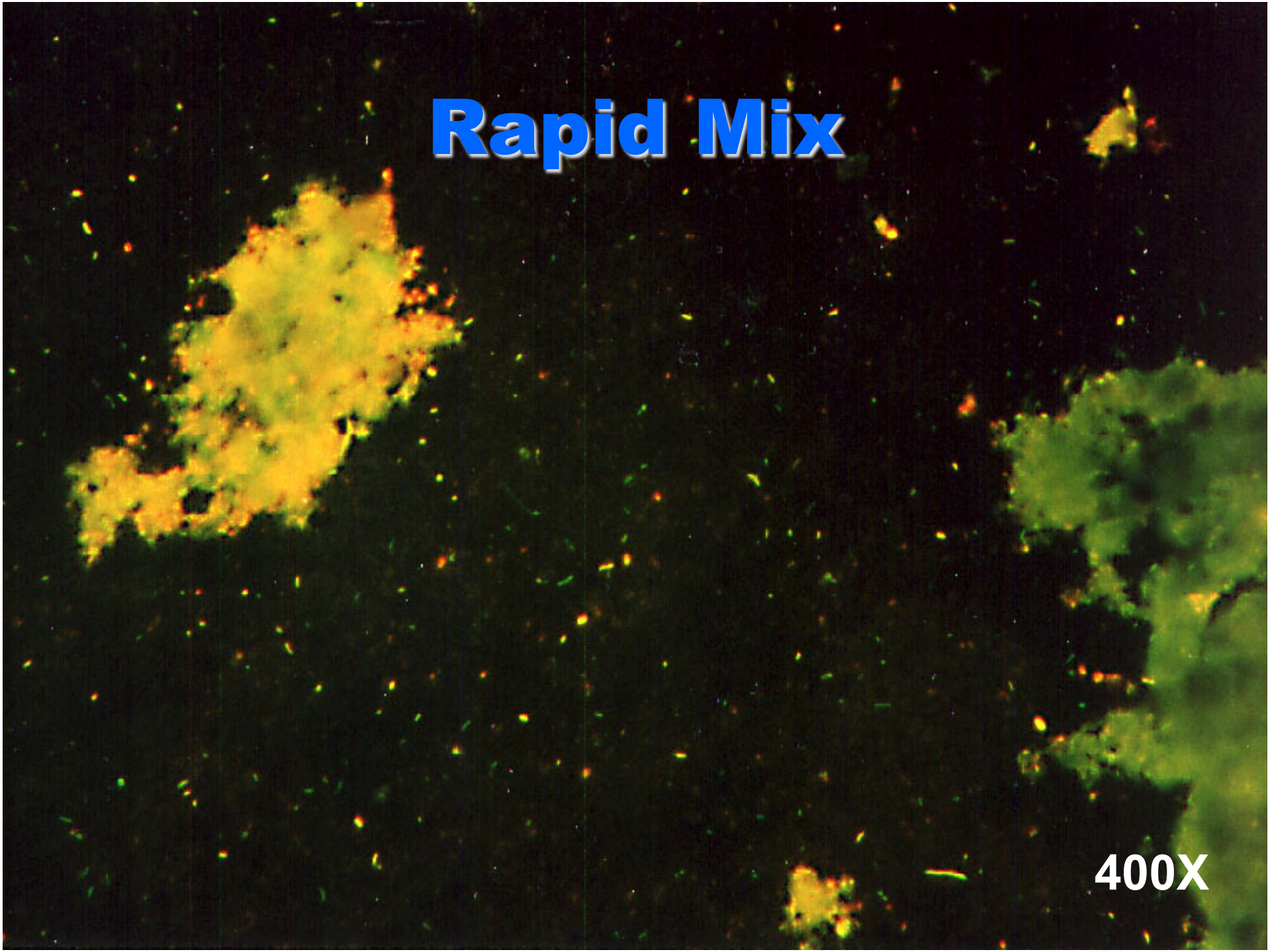
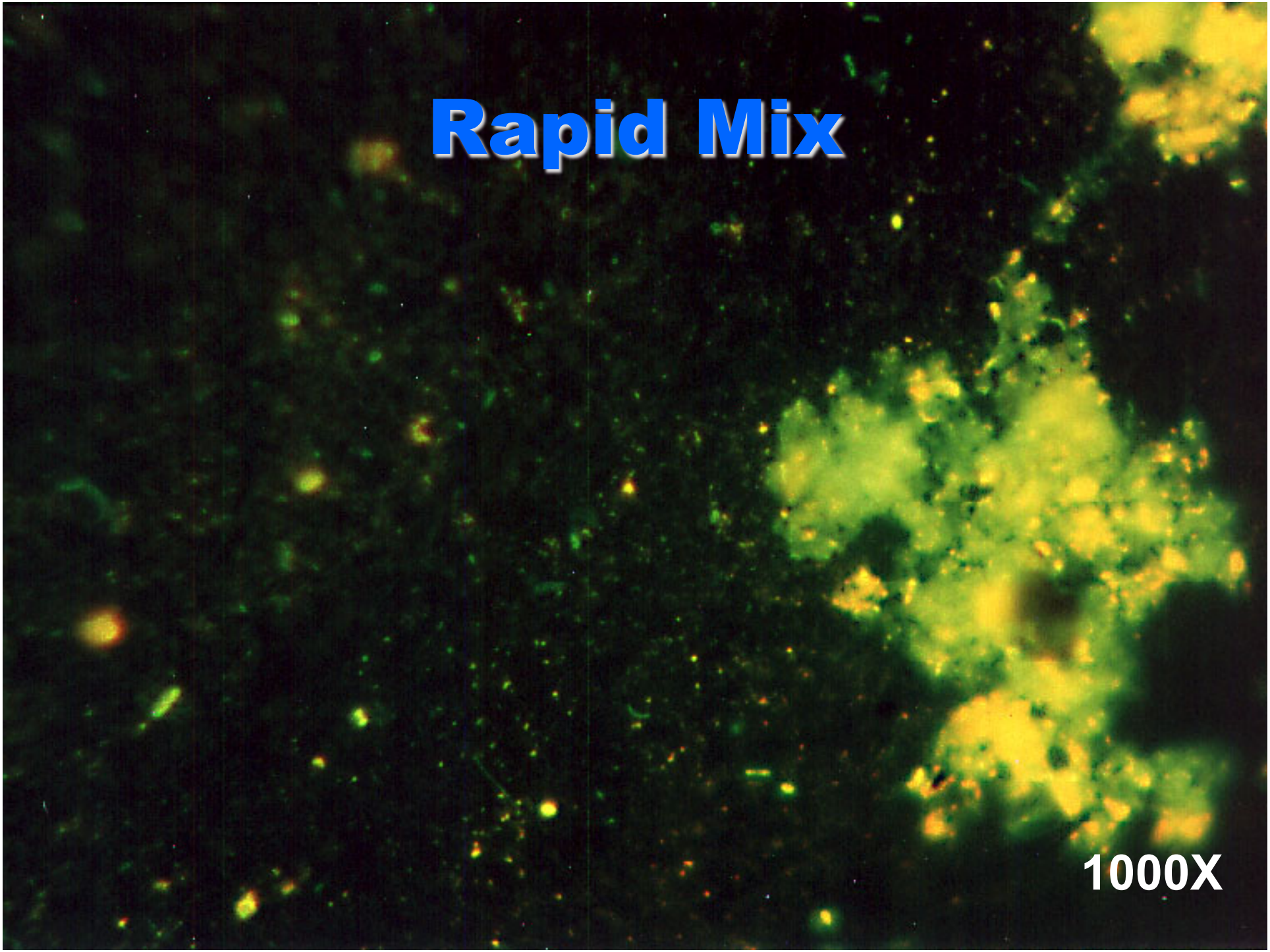
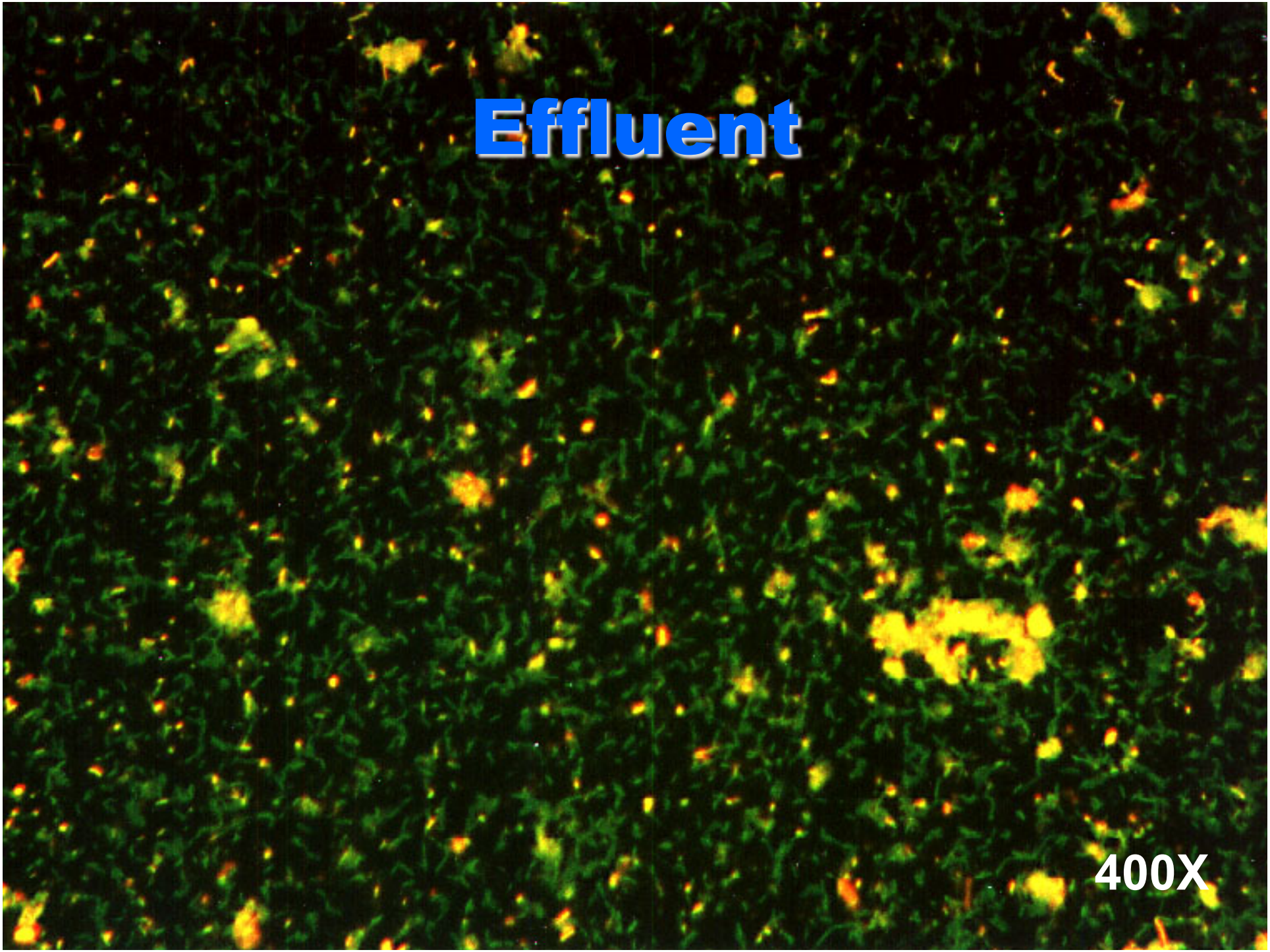
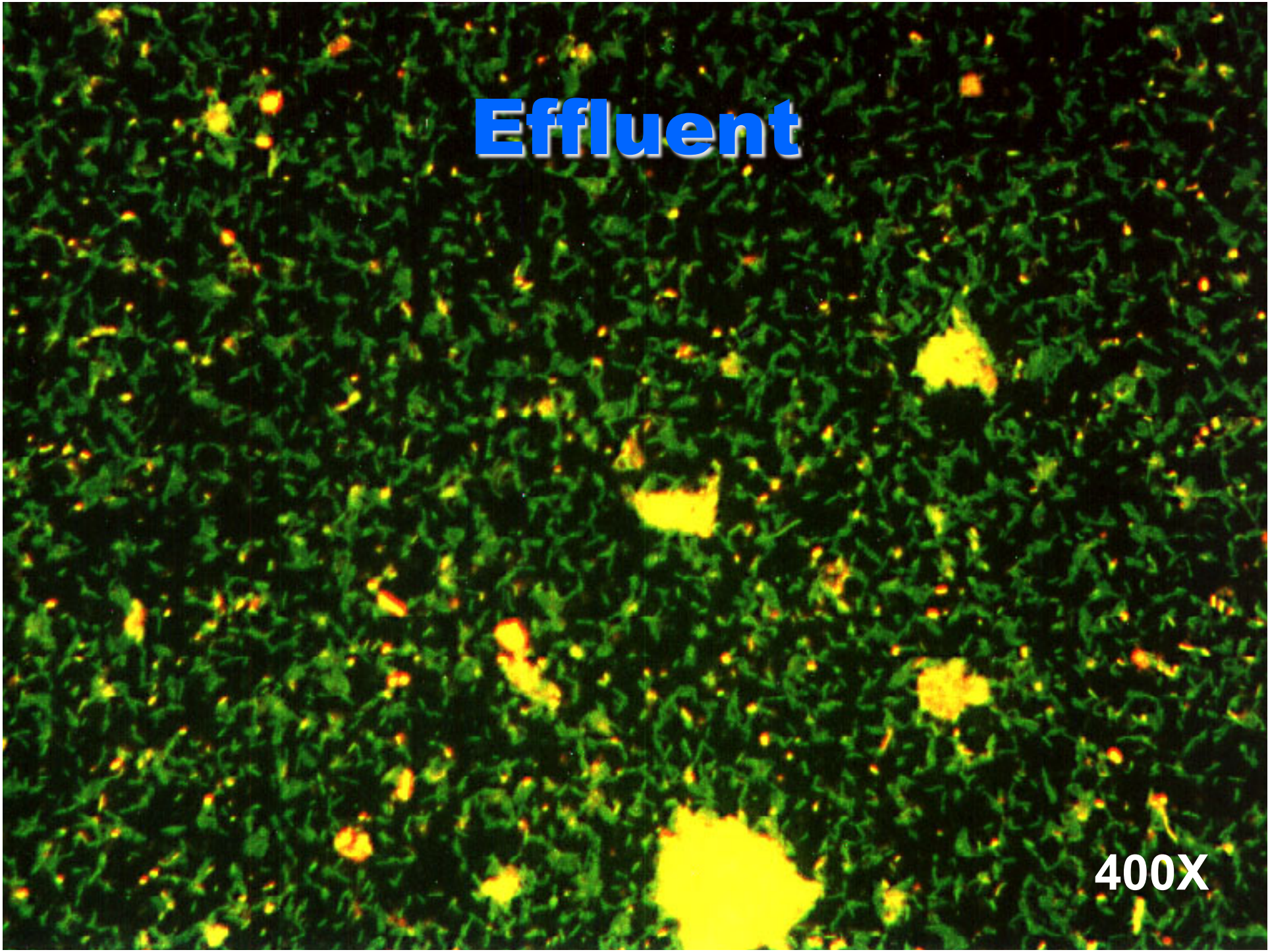
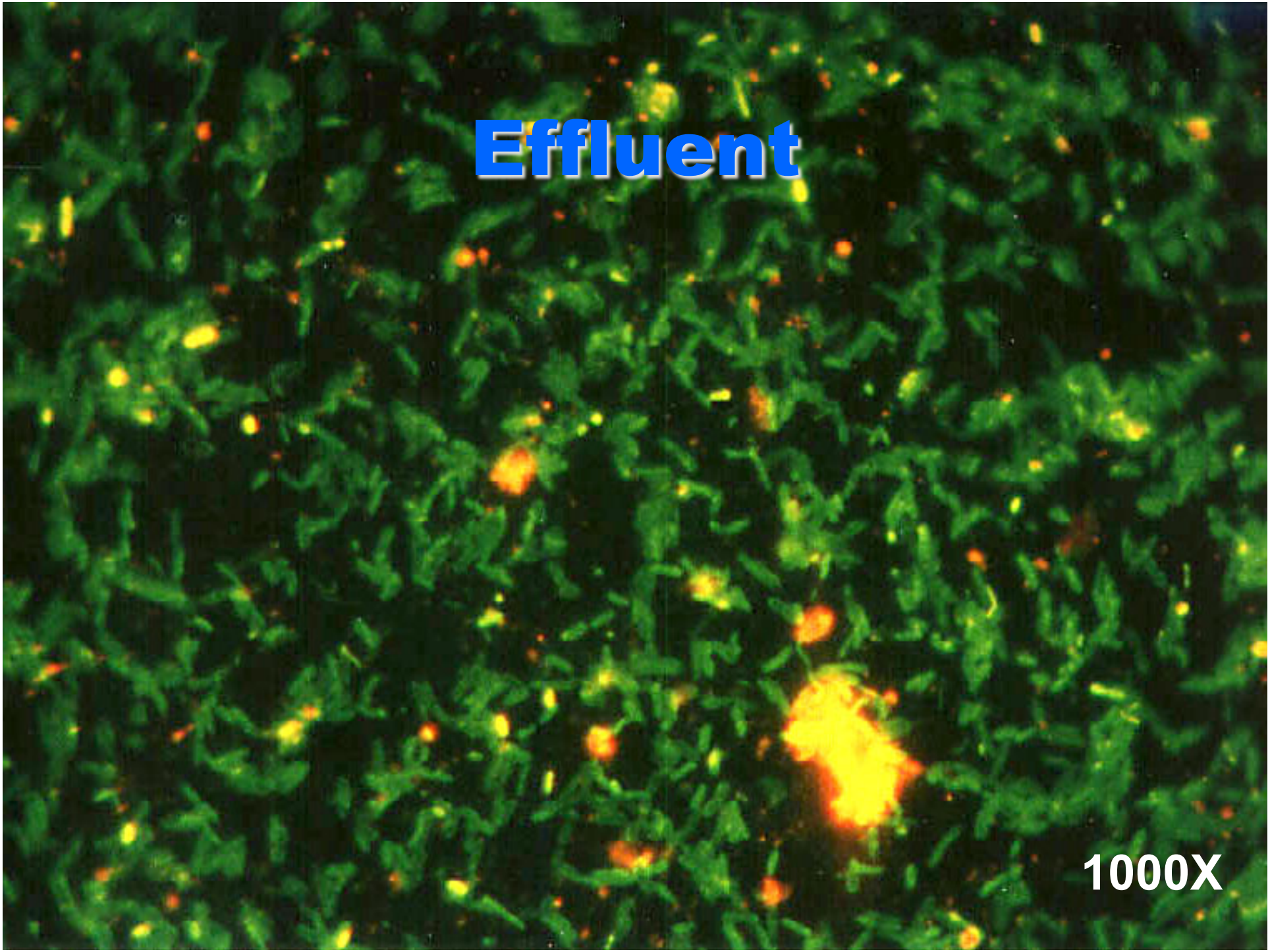
Rapid Mix
400X

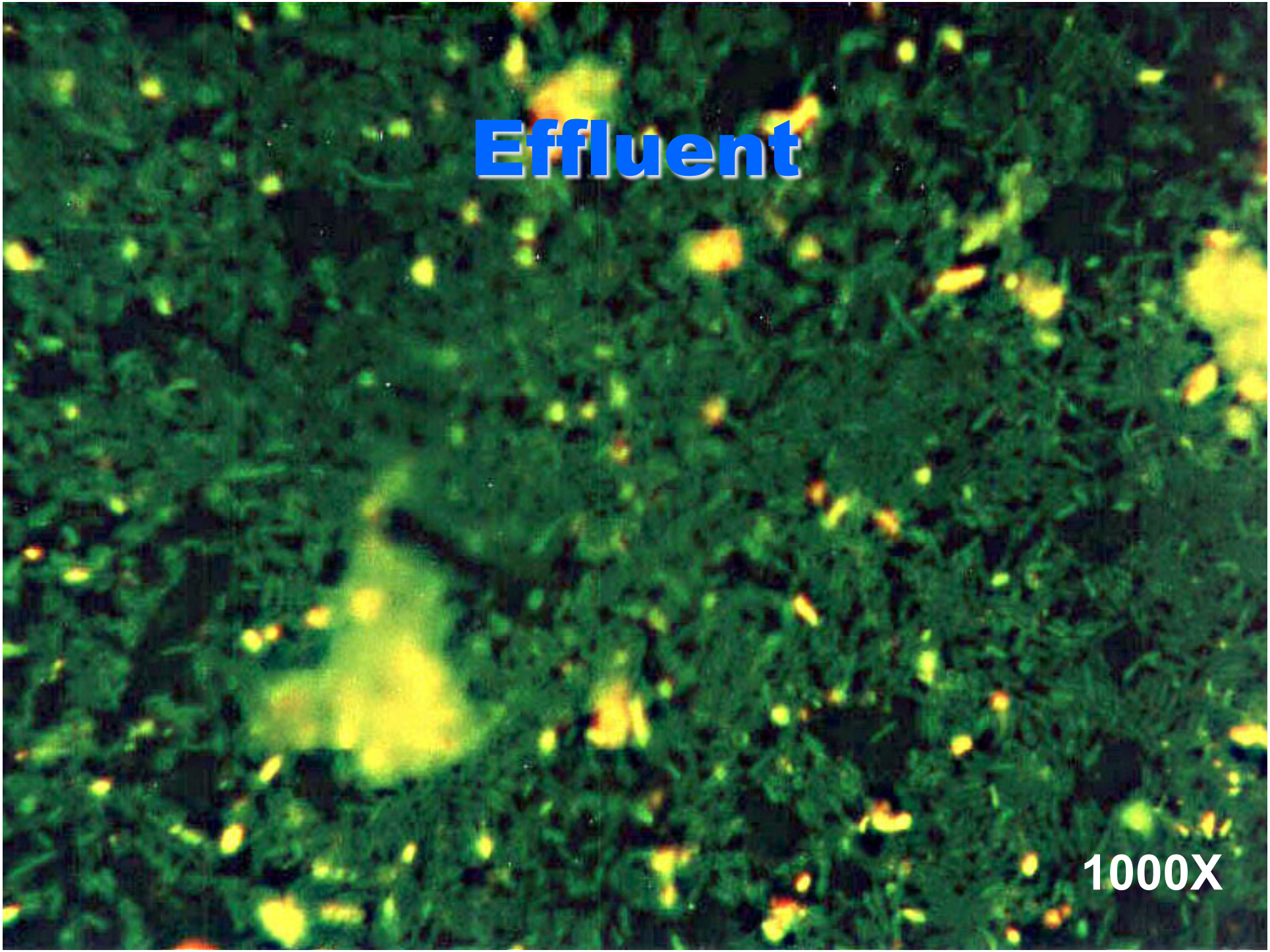

Rapid Mix
400X


Rapid Mix
1000X


Effluent
400X


Effluent
400X


Effluent
1000X


Effluent
1000X

BOD_5 Removal

March, 2000

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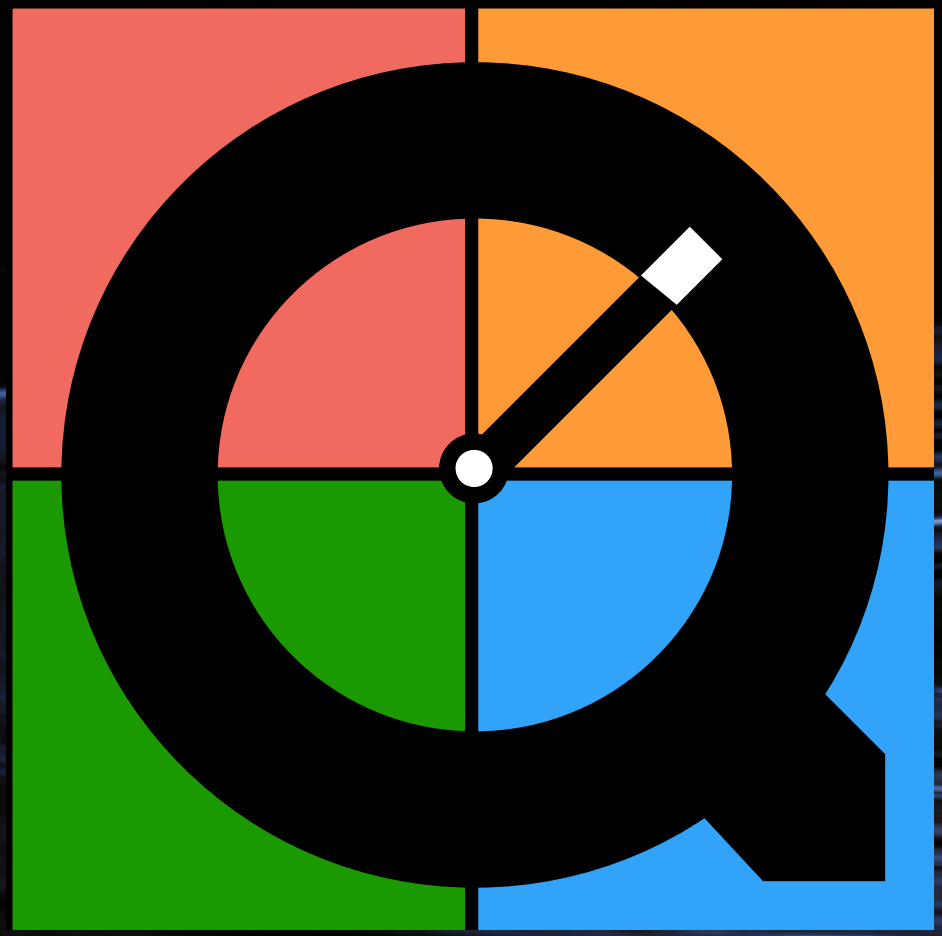
Activated Sludge from American Bottoms

- Paramecium

Activated Sludge from American Bottoms



- Protozoan