

Temasek Polytechnic

Yumi Kato (project leader)

Chiori Onoue(project subleader)

What's Temasek Poly?

- Found in 1990
- 6 majors

Applied chemistry

Business

Design

Engineering

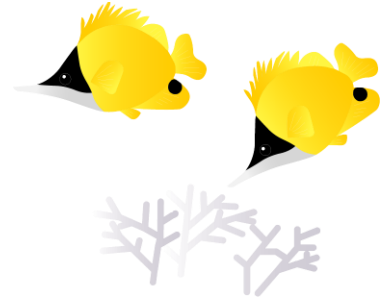
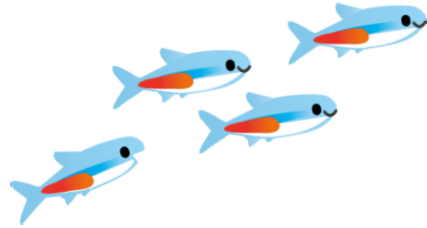
IT

Humanities and social sciences



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About 3 fish farms

APOLLO AQUARIUM

- Farming of ornamental and edible fish
- Function as a hub



Qianhu

- Farming of ornamental fish
- Function as a hub
- Direct sales and fish spa





Max Koi farm

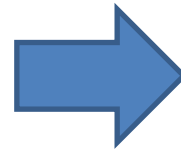


Other countries

Hypothesis

Hypothesis

Are pipes of water serving clean?



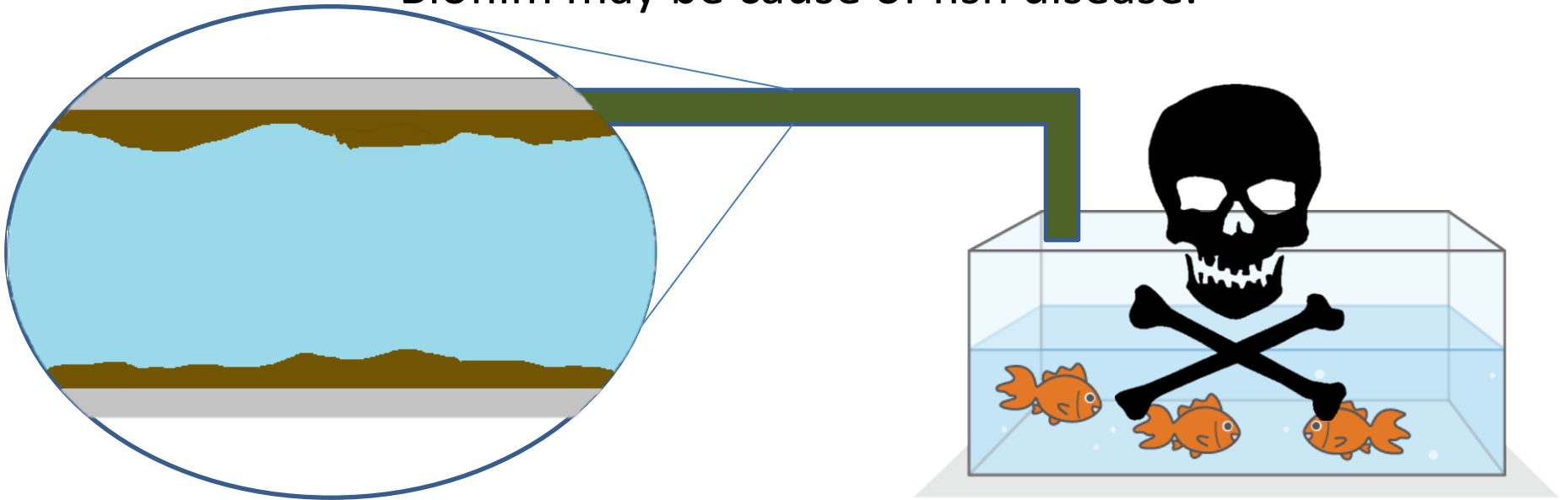
NO!

Because of “Biofilm”

Biofilm

Biofilm is the slime which is made from microbes and their humor.

Biofilm may be cause of fish disease.



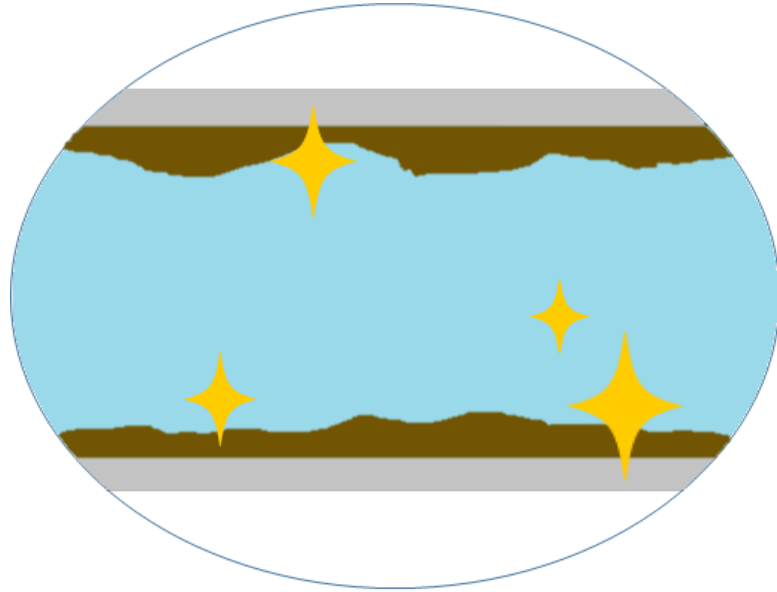
Conclusion

To keep pipes clean is important !

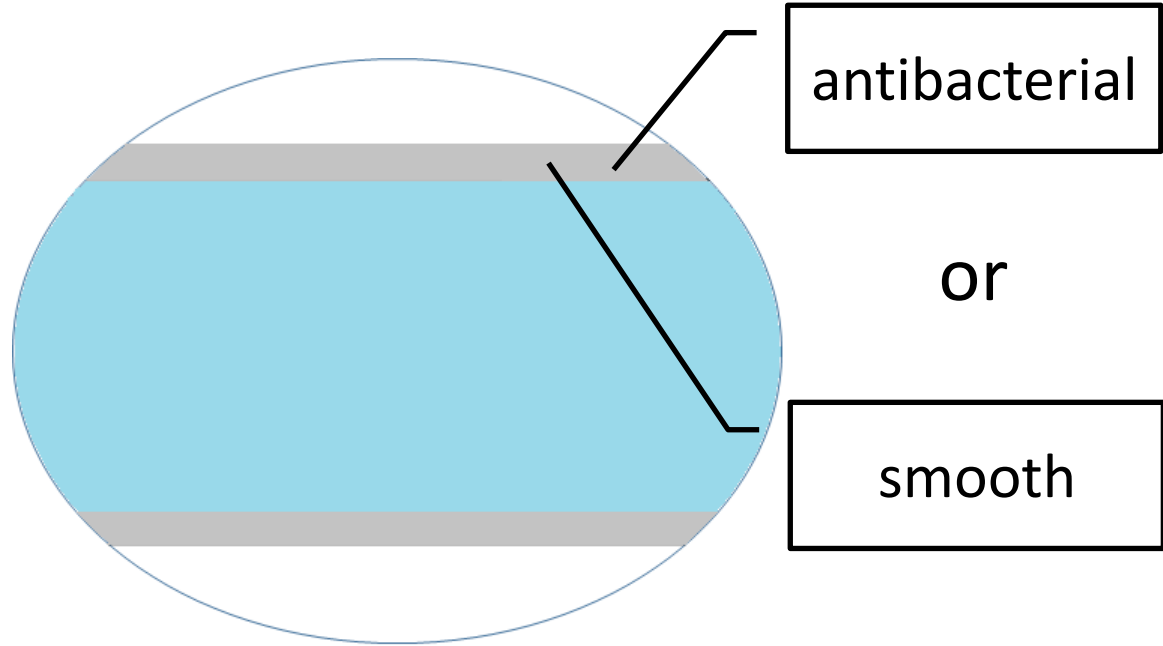
Proposal

- Cleaning with high pressure water
- Developing pipes that keep off biofilm

Cleaning with high pressure water



Developing pipes that keep off biofilm



Keeping the pipes clean is one way to prevent disease and to reduce the risk of loosing fish.

Special thank to Dr.Miyata

