

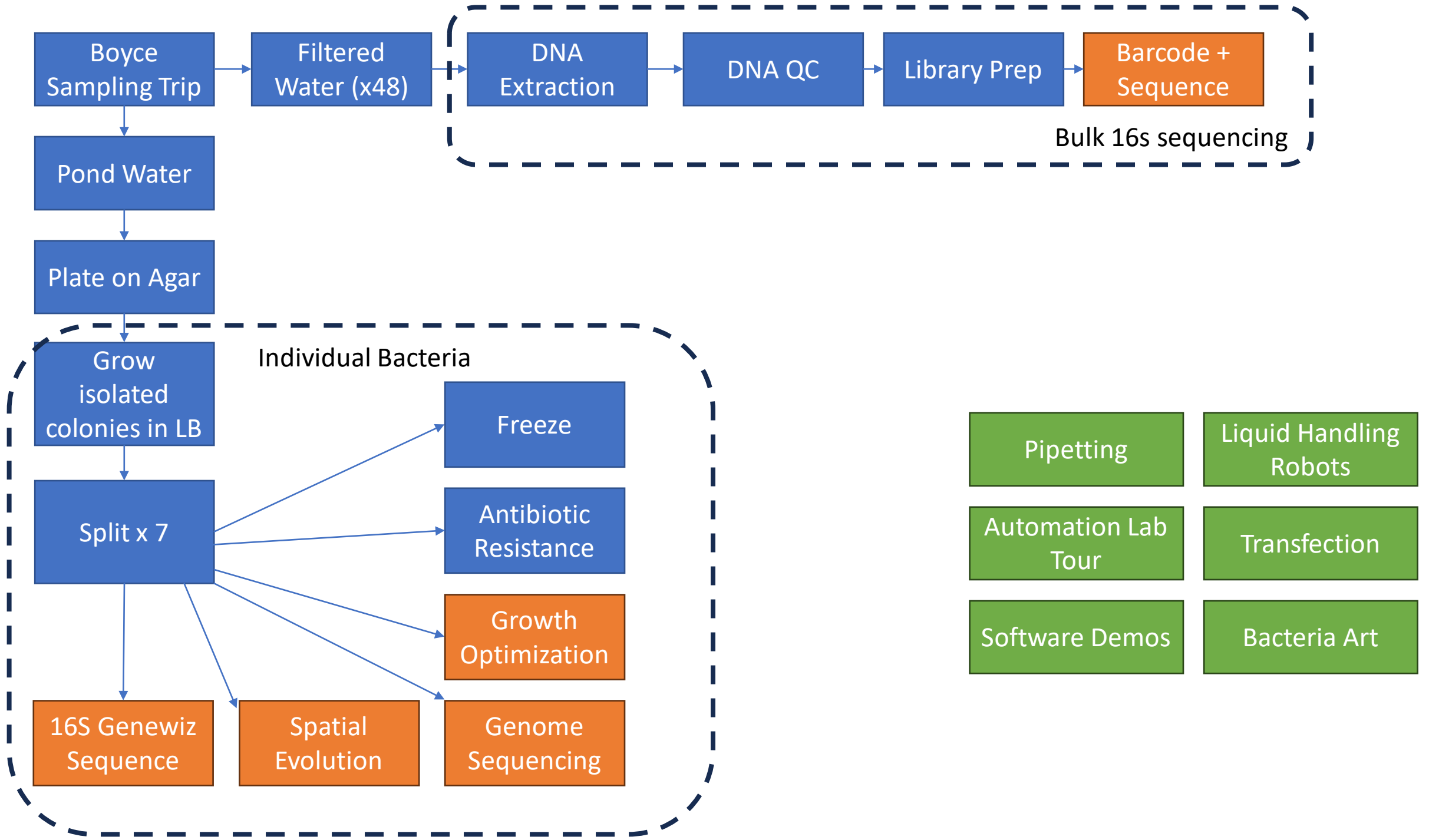
CompBio Pre-College Lab

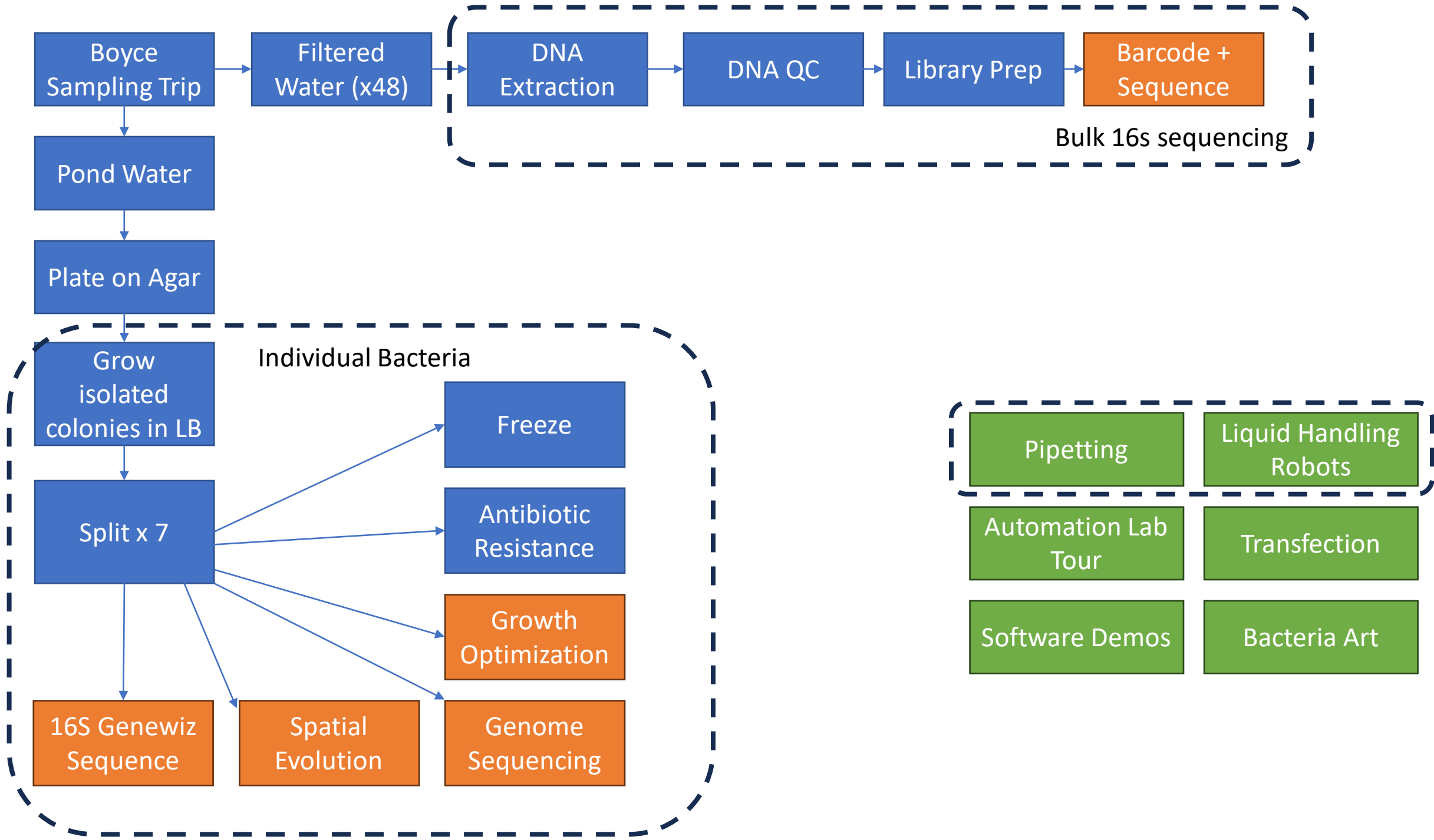
Microbiome

- Microbiome – genetic makeup of whole environment
- Microbiota - Microbiological organisms found in an environment
 - Bacteria, viruses, eukaryotes, archaea
 - Examples: gut, ear, mouth, etc.

Overall question:

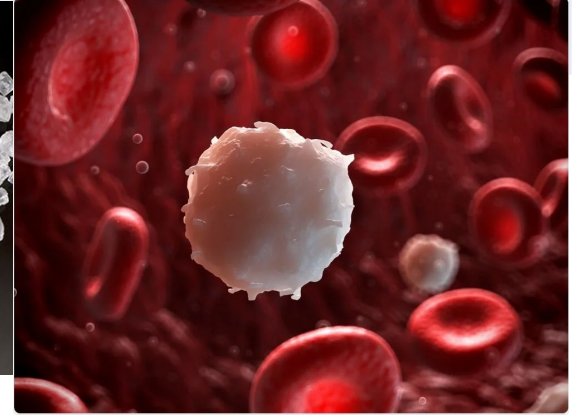
What affects the microbiome of the Three Rivers?





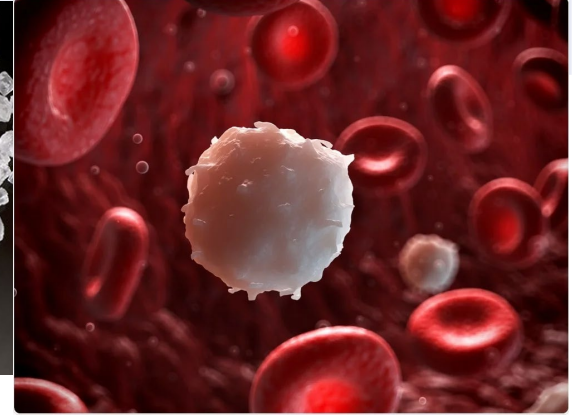
Liquid Volumes!

Liter (L)	Milliliter (mL)	Microliter (uL)	Nanoliter (nL)
1	$1/10^3$ L	$1/10^6$ L	$1/10^9$ L



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What tool?



Pipette Aid/Serological Pipette



Micropipette



Inkjet/Echo

Micropipette Demo

OT-2 Demo

Field Trip!

Update: Wear long pants if you have them.

Plants around the area are taller than anticipated! I'll bring bug spray, but if you have some you might bring it as well.

- Morning Lab: Be waiting in front of UC at 9am
- Afternoon Lab: Be waiting in front of UC at 1:30pm