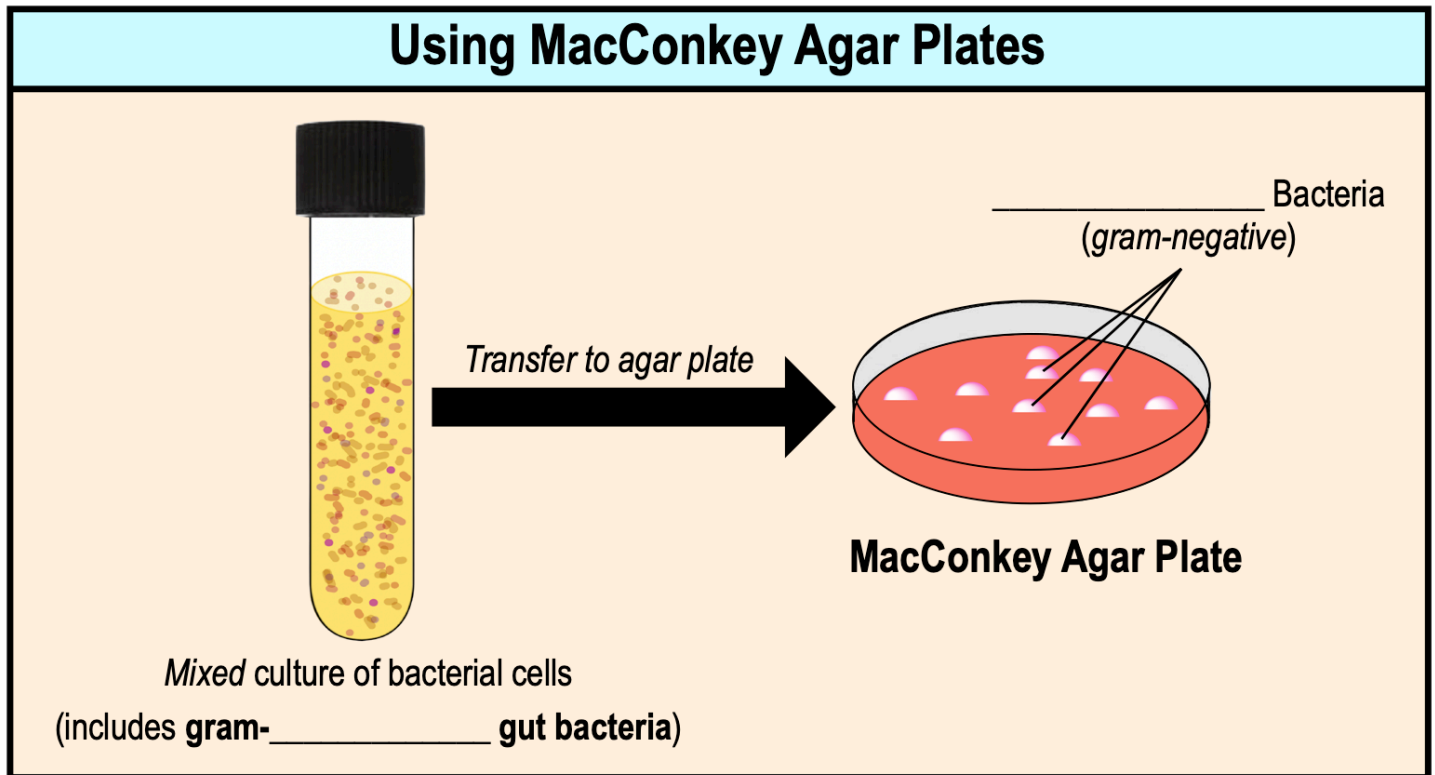


CONCEPT: SELECTIVE MEDIA

- **Selective Media:** designed to *promote* growth of the species of interest & _____ growth of other species.
- _____ **Agar:** a selective media used in the medical field to isolate *gram-negative intestinal bacteria*.
 - Contains *crystal* _____ to inhibit gram-positive cell growth & *bile salts* which inhibits non-intestinal bacteria.

EXAMPLE: Using MacConkey agar to isolate gram-negative bacteria that grow in the intestine.



PRACTICE: A type of culture medium that induces the growth of one particular organism in a mixed population of cells is:

- Synthetic medium.
- Specific culture medium.
- Complex medium.
- Selective medium.