**Lecture 3**

**CULTURE MEDIA**

Culture Medium:

Nutrients prepared for microbial growth

Inoculum:

Suspension of microorganisms

Inoculation:

**Culture Media**

Introduction of microbes into culture medium

Culture: Microbes growing in/on culture medium

A pure culture contains only one species or strain

Mixed culture contains several species

Contaminated culture contains unwanted species of

Organisms



**According to Consistency:**

solid- with 1.5 to 3.0% agar

e.g. NA (Nutrient Agar)

liquid- no solidifying agent

e.g. NB (Nutrient Broth)

semi solid- with less than 1.5% agar

e.g. SIM (Sulfide Indole Motility Medium**Solid culture media**

