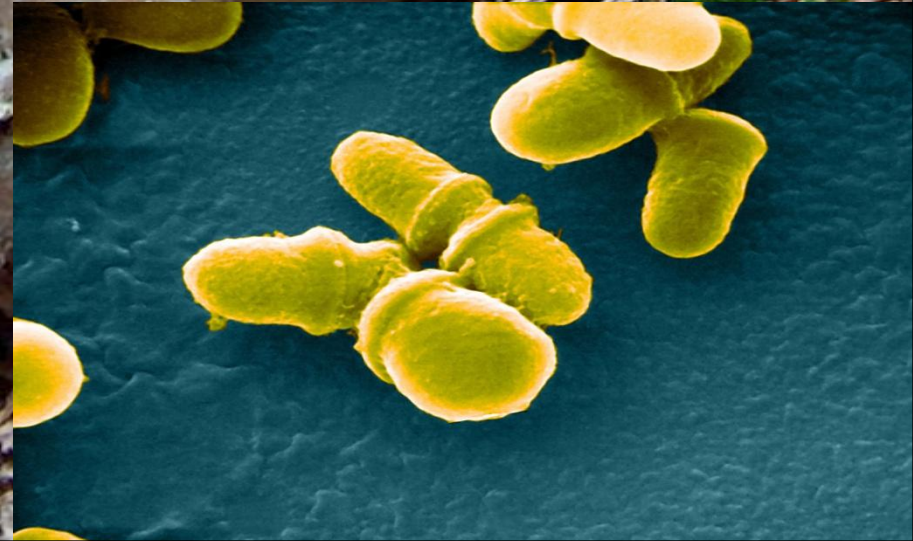
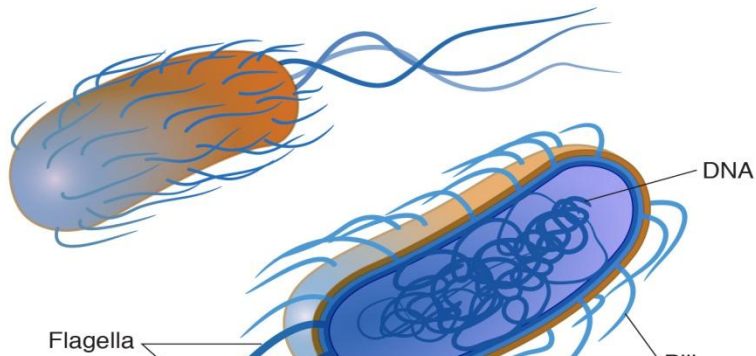


BACTERIA AND FUNGI

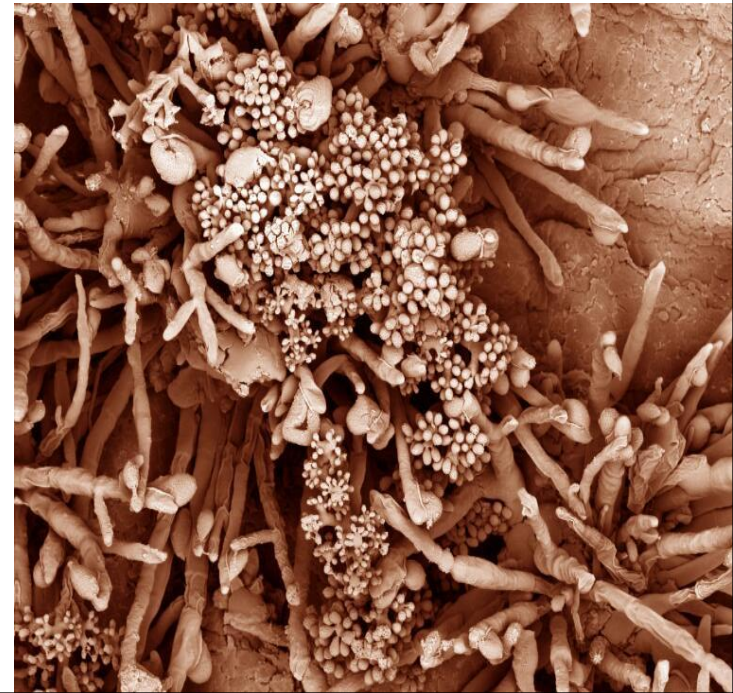


KASADHA ABBEY
0772 509594

Toadstools



Toadstools reproduce by means of spores





Toadstools are poisonous when eaten

Signs and symptoms of toadstool poisoning may include

Nausea

Diarrhoea

Rapid heart beat

Headache

Puffballs



Puffballs are used as styptics to stop bleeding



Puffballs are used as styptics to stop bleeding



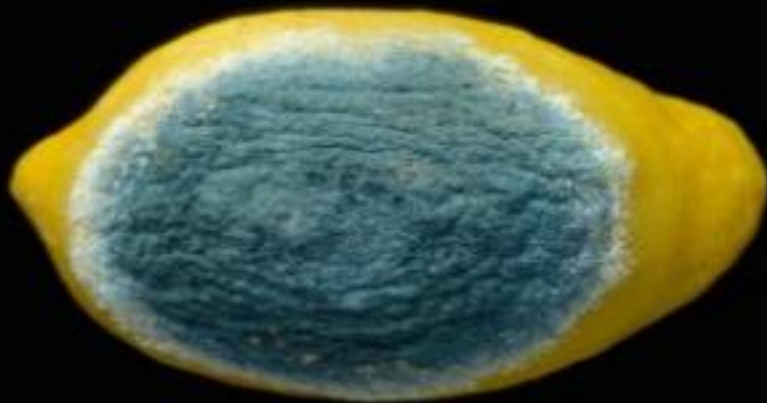
Bracket fungus



Bracket fungus



Moulds



**There are three examples of
moulds namely**

Penicillium moulds

Rhizopus / bread mould

Mucor

Penicillium moulds



Penicillium moulds



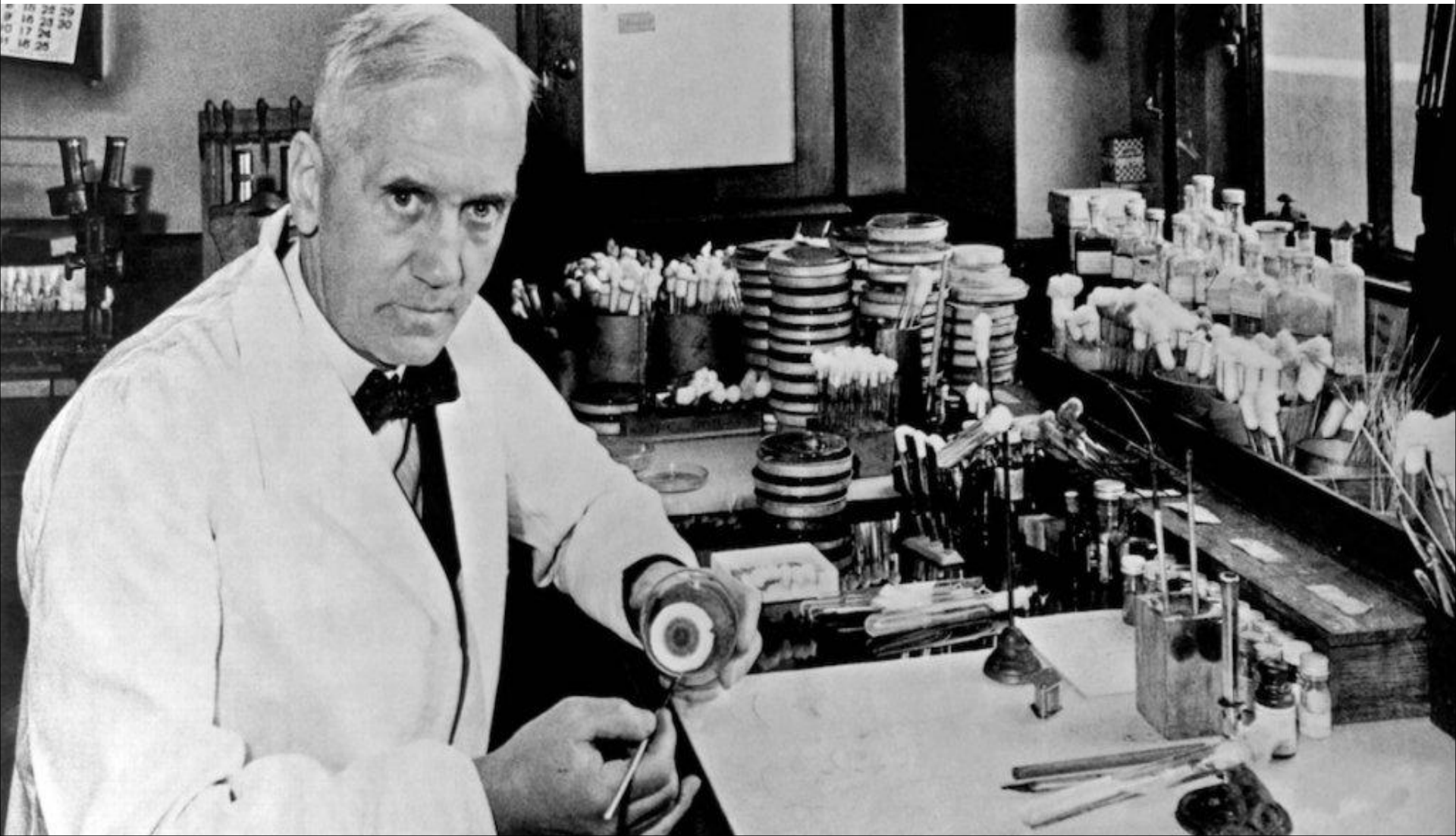
Penicillium moulds are used in the making of penicillin antibiotic



**Penicillin antibiotic can be used to treat
a number of bacterial infections**



Penicillin antibiotic was discovered by Alexander Fleming



Rhizopus / bread mould



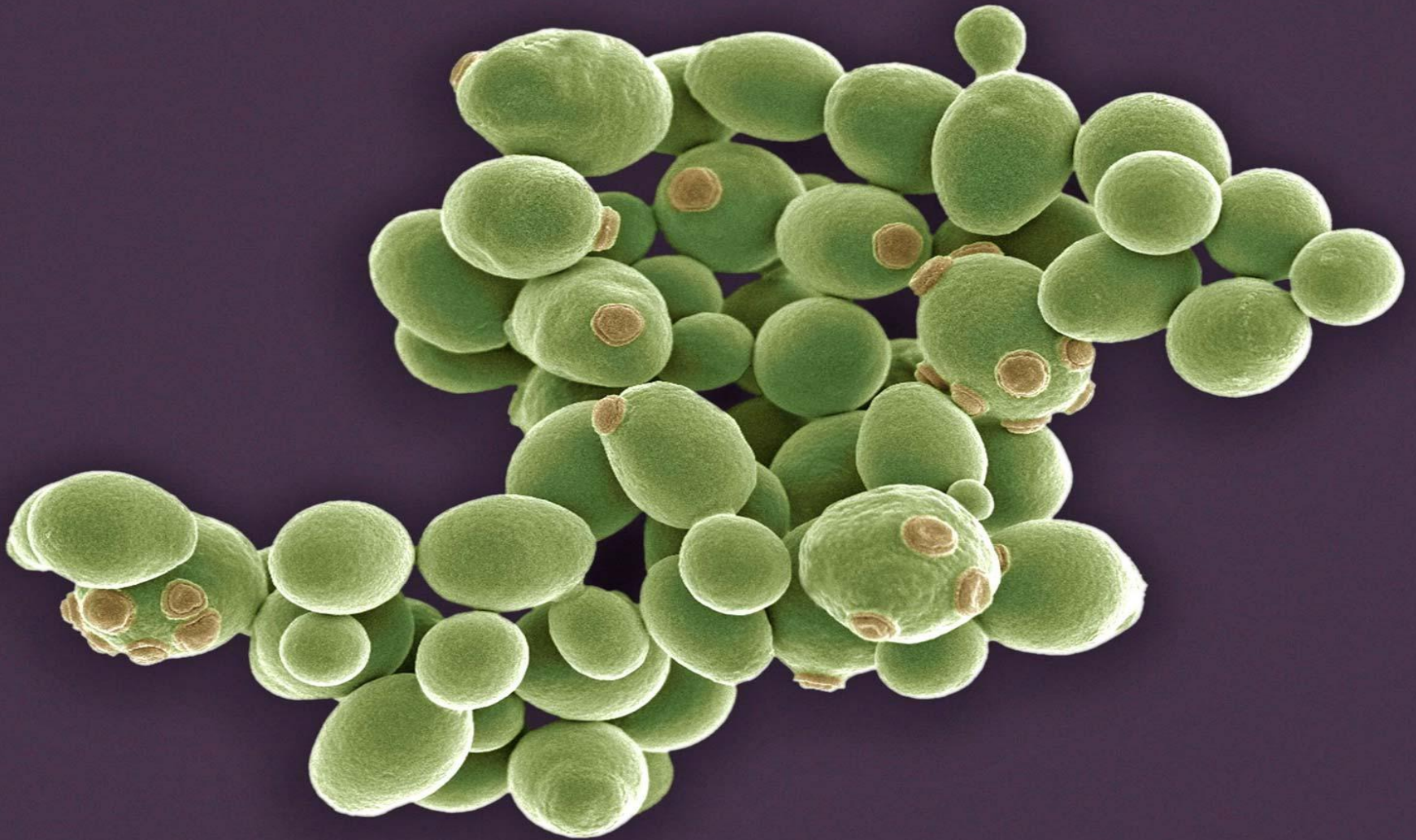
Rhizopus / bread mould



Mucor



Yeast



Yeast is used in baking



0 hours

Yeast helps in the leavening of the dough

Yeast is also used in brewing



Yeast helps to convert sugar into alcohol

Reproduction in fungi

Mushroom

By means of spores

Toadstool

By means of spores

Puffballs

By means of spores

Bracket fungus

By means of spores

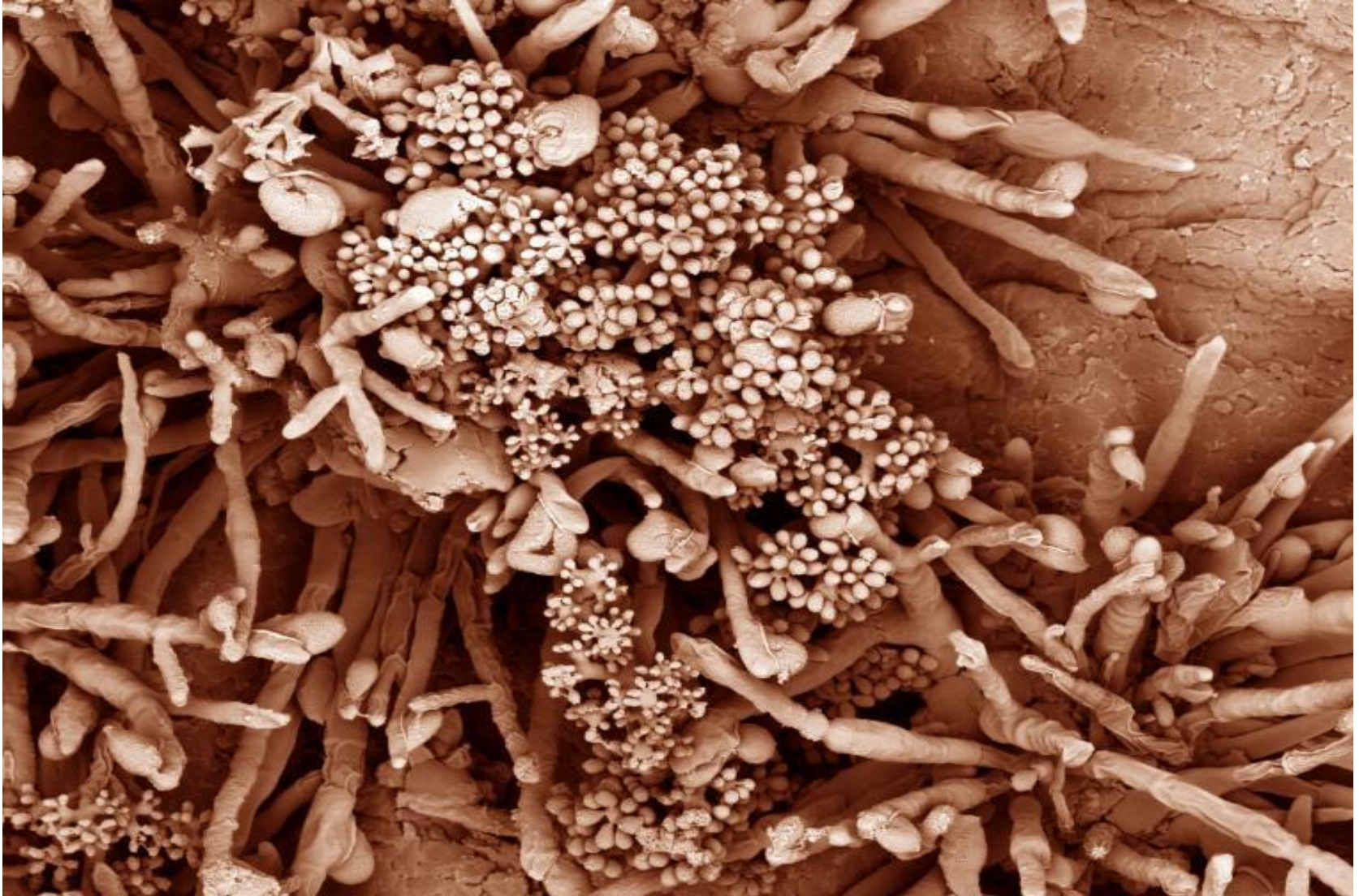
Moulds

By means of spores

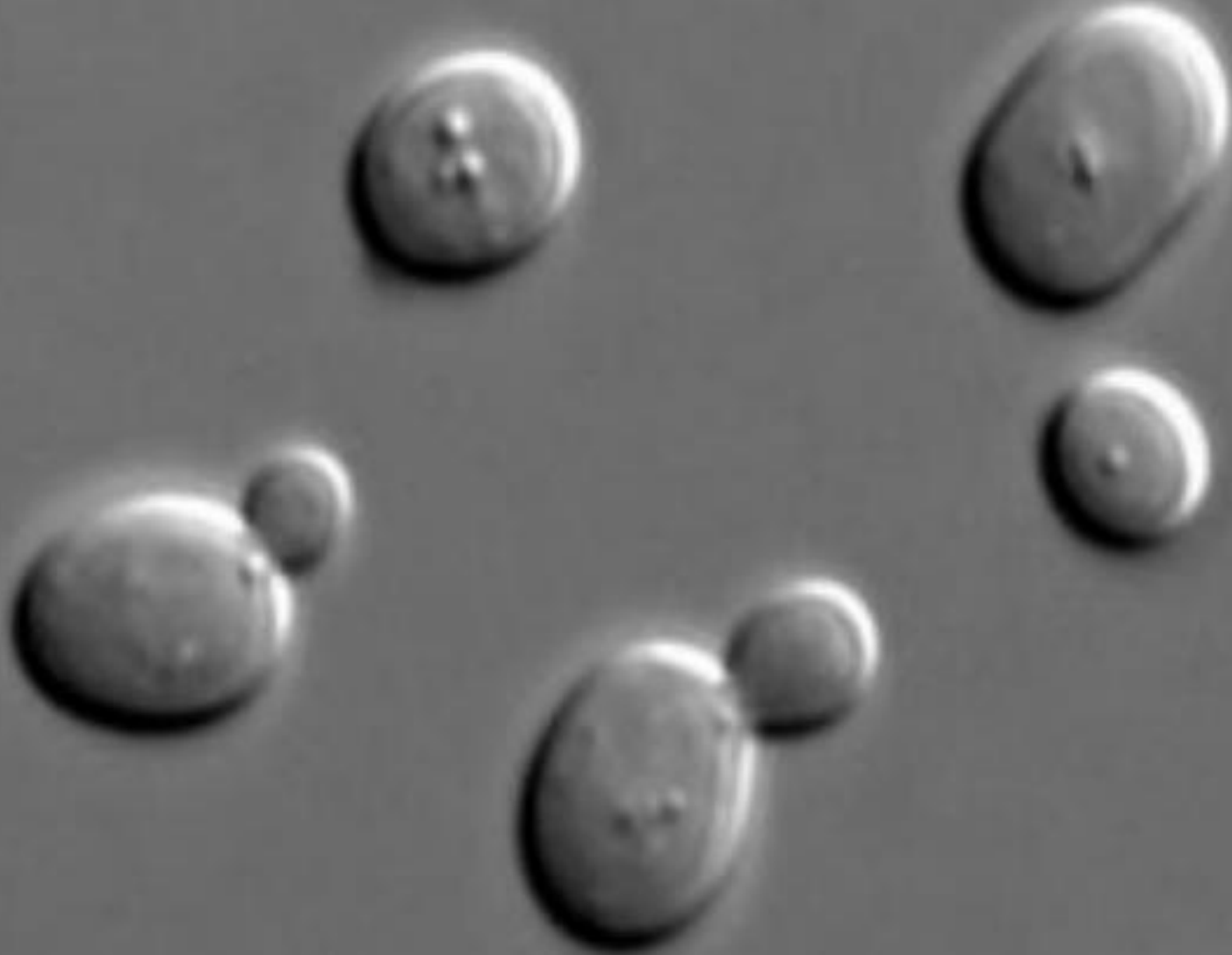
Yeast

By budding

Spores



Budding in yeast



Examples of fungal diseases in people

Ringworm

Jock itch

Candidiasis

Athlete's foot

Ringworm



Jock itch



Athlete's foot



Candidiasis



Examples of fungal diseases in plants

Tomato blight

Potato blight

Cigar end rot

Panama

Wheat leaf rust

Powdery mildew

Potato blight



Potato blight



tomato blight



tomato blight



Panama disease



Panama disease



Cigar end rot



Cigar end rot



Powdery mildew



Powdery mildew



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ACTIVITY

1. Name any any one example of an

i) An edible fungus

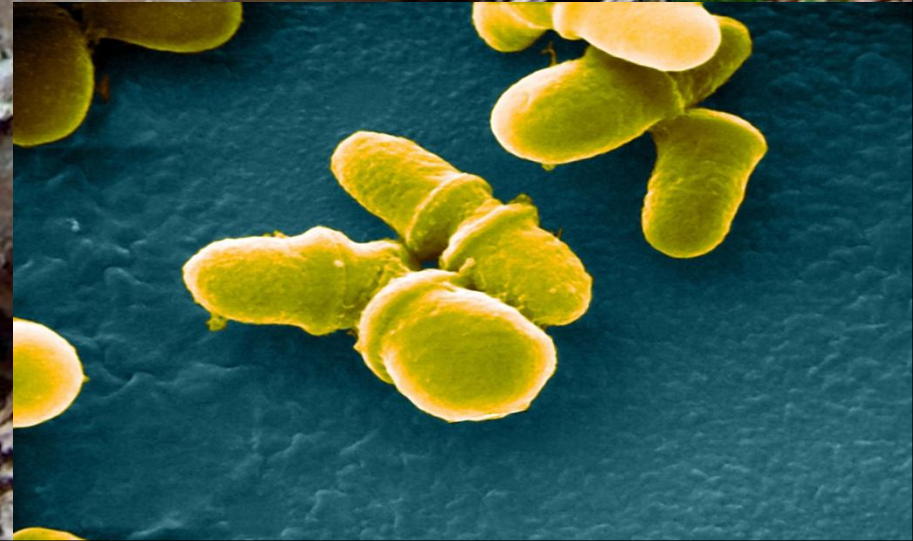
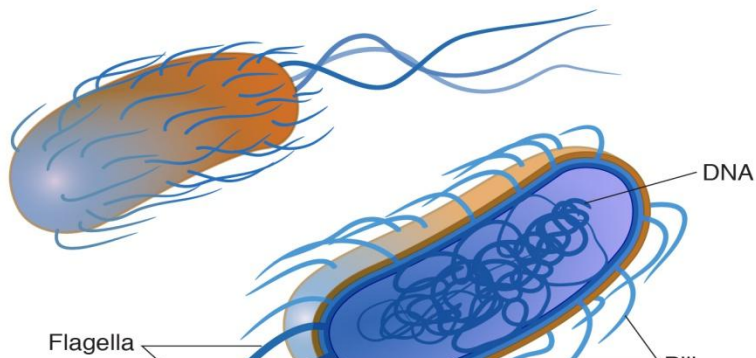
ii) A parasitic fungus

2. Write down any two fungal diseases that affect bananas

3. In which way is the reproduction of yeast different from other fungi

4. State any one medical use of moulds

BACTERIA AND FUNGI



KASADHA ABBEY
0772 509594