

FUNGUS FACTSHEET

CANDIDA

GENUS

Yeast and mold states

INFECTION

Oral, vaginal, or systemic. People more susceptible to infection have weakened natural defenses resulting from hospital procedures such as intravenous broad-spectrum antibiotics.

NUMBERS AFFECTED

20-24 cases per 100,000 people

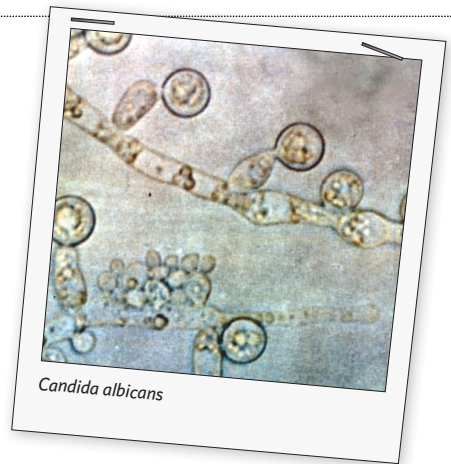
VACCINE STRATEGIES

1. Als Vaccine

Target Th1 and Th17 to boost phagocytic-cell activation

2. Laminarin Vaccine

Boosts antibody production



ASPERGILLUS

GENUS

Mold

INFECTION

Usually originates in the lungs, but can also infect other organs, and can spread throughout the body by blood. Immune-compromised patients are especially susceptible.

NUMBERS AFFECTED

5 cases per 100,000 people

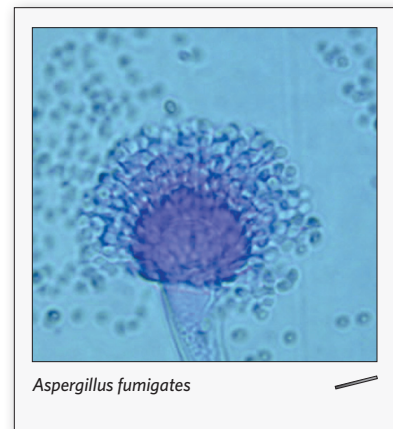
VACCINE STRATEGIES

1. Dendritic Cell Vaccine

Target Th1 to boost phagocytic-cell production

2. Asp f 3

Activate Th1 and Th2 pathways



CRYPTOCOCCUS

GENUS

Yeast

INFECTION

Deadly in severely immune-compromised patients, such as those with HIV or those receiving immune suppressive drugs.

NUMBERS AFFECTED

3 cases per 100,000 people

VACCINE STRATEGIES

1. Mannoproteins

Target Th1 to boost a cell-mediated response

2. GXM Mimic

Boosts antibody production

