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Lundeen/Bazzel Award
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Protect and Conquer: Treating cryptococcosis with vaccines and targeted drug delivery

Treating cryptococcal meningitis is challenging due to the limited antifungal drugs, and there is no preventative measure against this deadly disease. I am working on developing a whole-cell vaccine and improving the antifungal drugs by creating a targeted drug delivery method to combat this deadly illness.

If you are....

- ☐ Immunocompetent
- ☐ Immunocompromised
- ☐ HIV/AIDS
- ☐ Organ transplant patients

.... you can develop cryptococcal meningitis.

Cryptococcal meningitis is 100% fatal and it has a 60% mortality rate even with antifungal intervention.

BioRender







