

NLM AIDSLINE

Neuroimmunological studies in murine models of meningoencephalitis by opportunistic fungi.

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To investigate the immune defense mechanisms employed against fungi at cerebral level,
experimental infection of mice was performed by intracerebral (i.c.) inoculation of *Candida albicans* or
Cryptococcus neoformans in naive and immunomodulated mice. While no mice survived either *C.*
albicans or *C. neoformans* challenge at doses $\geq 10^6$ yeasts/mouse, major differences were
observed, by lowering the inoculum size (*Candidiasis/IMMUNOLOGY
*Cryptococcosis/IMMUNOLOGY *Encephalitis/IMMUNOLOGY *Meningitis/IMMUNOLOGY
*Meningitis, Cryptococcal/IMMUNOLOGY *Opportunistic Infections/IMMUNOLOGY

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