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**Supplementary figure 1.** Gate strategy used for MDSCs cells in intratracheal infection. Bronchoaveolar lavage of mice was performed 48 hours or 21 days after infection with the B3501 or CAP67 strain of *C. neoformans*. The obtained cells were stained for flow cytometry to determine the frequency of CD11b+Ly6G+Ly6C+PD-L1+ cells within the gate of SiglecF-CD11c+ cells.

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**Supplementary figure 2.** Gate strategy used for MDSCs cells in peritoneal infection. Peritoneal lavage of mice was performed 4 or 8 hours after infection with the B3501 or CAP67 strain of C. neoformans. The cells obtained were stained for flow cytometry to determine the frequency of CD11b+Ly6G+Ly6C+PD-L1+ cells within the gate of F4/80+ cells.