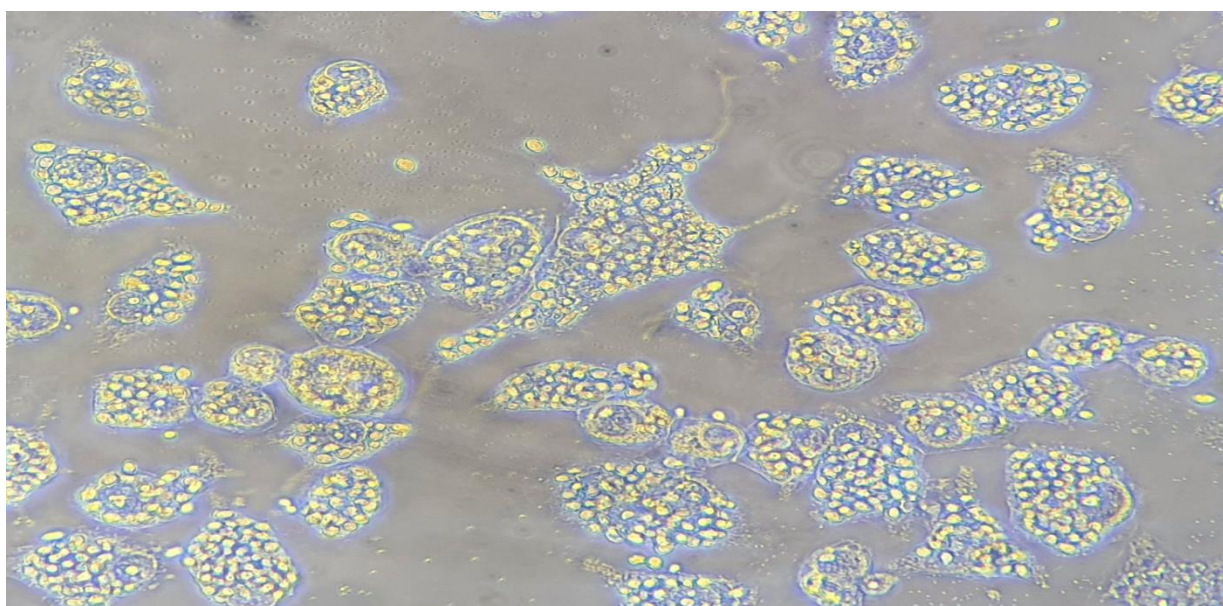


Phagocytosis of Yeasts by LPS - Stimulated Macrophages

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Yeast ingestion by LPS - stimulated macrophages

For phagocytosis measurement, 5×10^5 macrophages were seeded in a 12 - well plate. 20 ng / ml LPS was added to cells to induce the M1 phenotype. After 24h the medium was changed. A suspension of heat - killed baker's yeast was prepared at 10^8 particles per ml in DMEM medium. The yeast suspension was added to macrophages at a ratio of 1:10 (macrophage: yeast). Macrophages were allowed for 60 minutes to phagocyte the particles at 37°C. To remove the free yeasts, the well was washed with PBS. The phagocytosis was observed using an inverted microscope.

ARTICLE INFO

Date Submitted: 10 January, 2023

Date Accepted: 27 May, 2023

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Please Cite This Paper As:

Mahmoudi M, Taghavi-Farahabadi M, Hashemi SM, Mousavizadeh K, Rezaei N, Mojtabavi N. Phagocytosis of Yeasts by LPS - Stimulated Macrophages. Sch Med Stud J. 2023;5(1):e40522.

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