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| **Cross Immunological reaction bettwen Nocardia asteroides and Salmonella typhimurium in mice** | Research Title  |
| Single | **Muhamed Juweed Alwan,Maysoon Sabah Abbas,Sahar Hasan Ali,Zanab Abd Alzahra** | Shared name  | Shared or Single |
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| The aim of this study was carried out to demonstrate the cross-immunity between Nocardia asteroids and Salmonella typhimurium antigens in mice. 18 mice, from both sex,were randomally divided into three groups equally. the first group immunized subcutaneously with 0.0 5 micrometer / animal of Nocardia asteroids antigen and was injected abooster dose of the same antigen after week of the first dose. The second group was treated as the first group with Salmonella typhimurium antigen. .The third group was served as non-immunized control group. Delayed hypersensitivity and tube agglutination test were checked at 30 days post-immunization. By using Nocardin and Sallmonelin antigens.The results revealed that the animals were immunized with Nocardia antigens given agood immune response against nocardin and sallmonelin and also those animal were immunized with Salmonella antigens showed immune response against nocardin and sallmonelin antigen ,this may be indicated across- protection between Nocardia andSalmonella antigen . | Abstract |