



Identification of the Oxidative Stress–Related Genes in Rheumatoid Arthritis patients

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Abstract : Oxidative stress become the most important factor which have side effects in development disease, the present study aims to detection Glutathione *S*-transferases M1 and T1 in Romatiod Arthritis patients , whole blood used to extracted DNA from (30) patients and (30) healthy and genotype of GSST and GSTM gene was detected used multiplex PCR , the results show that deletion of GSTM was more frequency in RA patients than control it was 22%, 36.84% in control and patients respectively , the GSST gene deletion was more frequent than GSTM also it more frequent in patients than control , it was 52%, 73.68% control and patients respectively. The present study conclude that there was association between GSTs deletion and RA diseases.

Key words : Glutathione *S*-transferases, Romatiod Arthritis patients, multiplex PCR.

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