



## International Journal of ChemTech Research

CODEN(USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555

Vol.10 No.1 pp422-428,**2017** 

## Molecular Study for Recurrent Spontaneous Abortions (RSA): the role of HSV, B19, and CMV Markers and Polymorphisms in TLR-3 associated with BOH

SabreenA. Kamal<sup>1</sup>, NisreenKaddim Radi<sup>2</sup>, Ali Hussein Al-Marzoqi<sup>\*3</sup>, Hawraa Sabah Al-Musawi<sup>4</sup> and Afaf K. Shuwaikh<sup>5</sup>

1, 2, 3, 4 College of Science for Women, University of Babylon, Iraq
Collage of Engineering, ALMusaib university of babylon, Iraq
College of Science for Women, Babylon University, PO box 435, Al-Hillah city, Babylon, Iraq

**Abstract:** The point of this study was to assess the most etiological agents that essential for RSV among pregnant women, in addition to that estimate the most important cytokinesand TLR-3 polymorphisms in the population. A total of 90 CML and 60 control samples were analysed for Viral, Immunological and genetic polymorphism using PCR and ELISA technique. **Key words**: RSA, HSV, B19, CMV, TLR-3, PCR.

Ali Hussein Al-Marzogi et al/International Journal of ChemTech Research, 2017,10(1): 422-428.

\*\*\*\*