



**UNIVERSITI PUTRA MALAYSIA**

***INFLUENCE OF BENZENE AND GENETIC POLYMORPHISMS  
TOWARDS INTERNAL METABOLITE CHANGES AND CHROMOSOMAL  
DAMAGE AMONG TRAFFIC POLICEMEN IN THE KLANG VALLEY,  
MALAYSIA***

**NOOR FATIAH BINTI MOHAMAD FANDI**

**FPSK(p) 2020 5**



**INFLUENCE OF BENZENE AND GENETIC POLYMORPHISMS TOWARDS  
INTERNAL METABOLITE CHANGES AND CHROMOSOMAL DAMAGE  
AMONG TRAFFIC POLICEMEN IN THE KLANG VALLEY, MALAYSIA**

By

**NOOR FATIAH BINTI MOHAMAD FANDI**

**Thesis Submitted to the School of Graduate Studies, Universiti  
Putra Malaysia, in Fulfilment of the Requirements for the Degree  
of Doctor of Philosophy**

**January 2020**

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