EFFECTS OF ENVIRONMENTAL AIR POLLUTION ON THE IMMUNE SYSTEM

ESSAY

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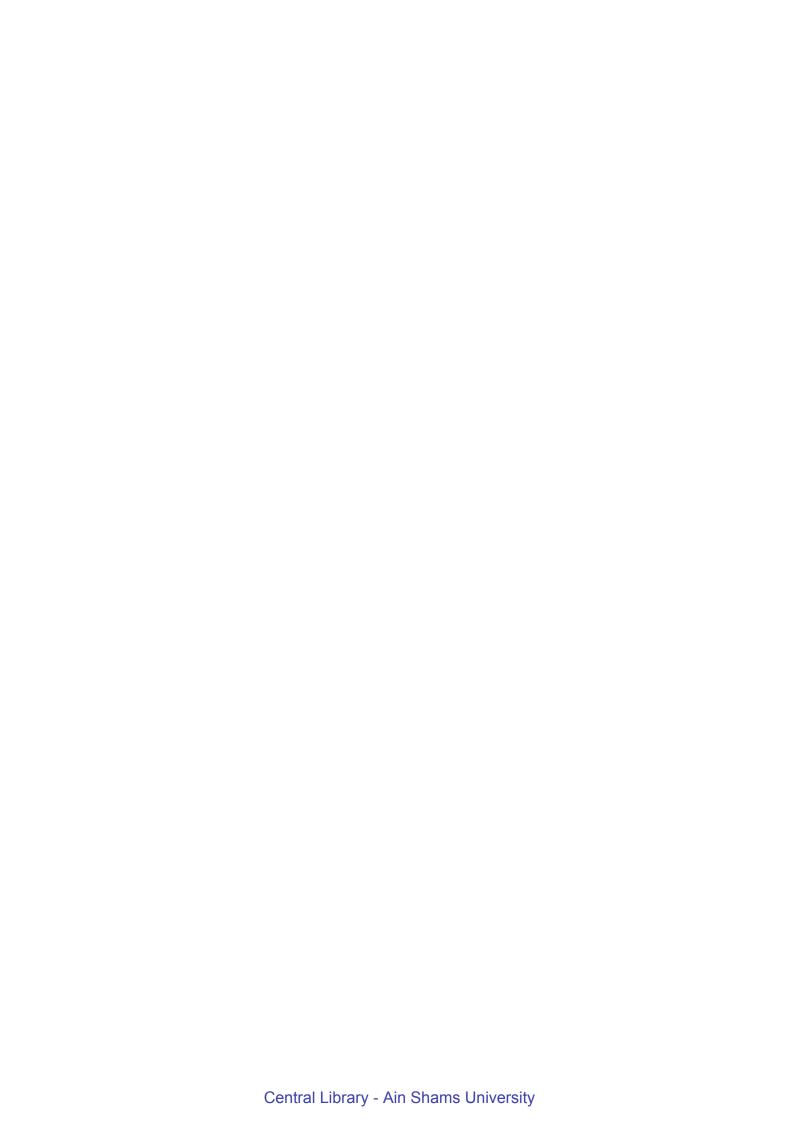
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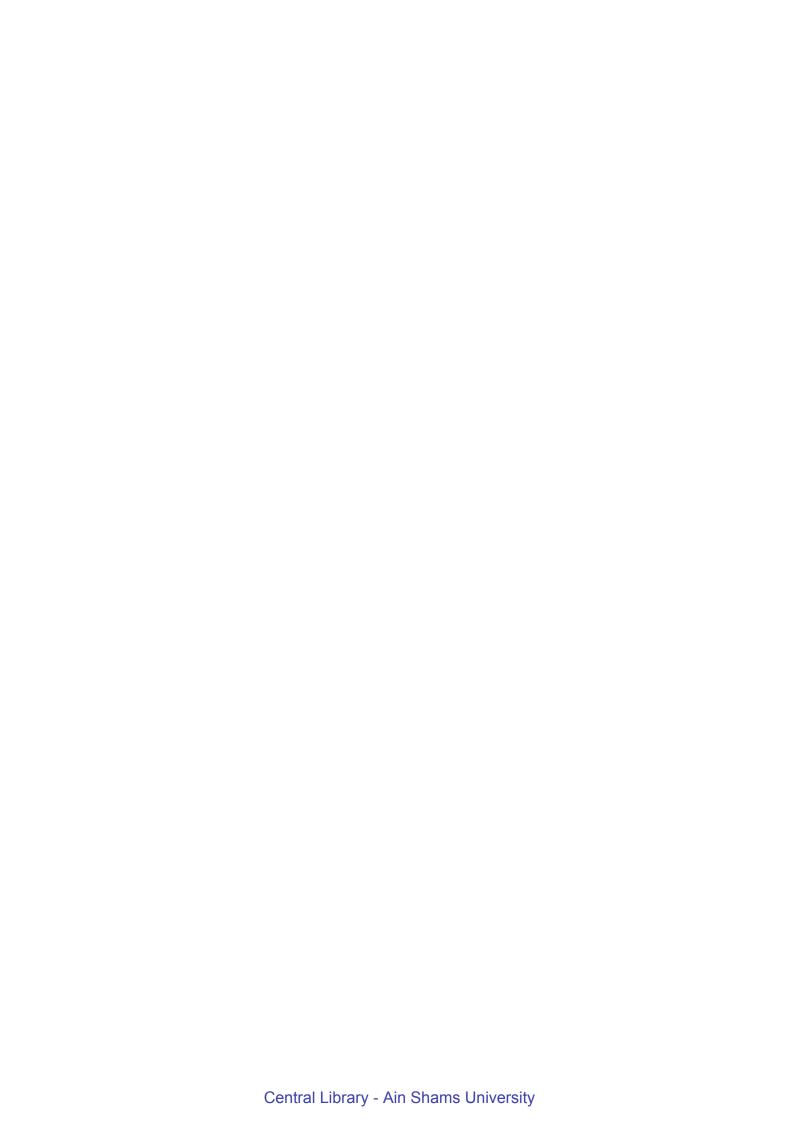
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LIST OF ABBREVIATIONS

AFC Antibody forming cell

ALAD Aminolevulinate dehydrase

ANA Antinuclear antibody
APC Antigen presenting cell
BAL Broncho-alveolar lavage

BLLs Blood lead levels
CO Carbon monoxide
COA Concana valin A

COHb Carboxy hemoglobin

CSC Cigarette smoke condensate

DPPC Diplamitoyl phosphatidyl chlorine

EEC European Energy Council

EPA Environmental protection agency

F-HSA Formaldehyde-human serum albumin

FGF Fibroblast growth factor

G₆PD Glucose 6 phosphate dehydrogenase

GM-CSF Granulocyte macrophage-colony stimulating factor

H₂O₂ Hydrogen peroxide

HCHO Formaldehyde

HCHO-HSA Formaldehyde-human serum albumin

HLA Human leukocyte antigen

HMPS Hexose monophosphate shunt

Hr Hour

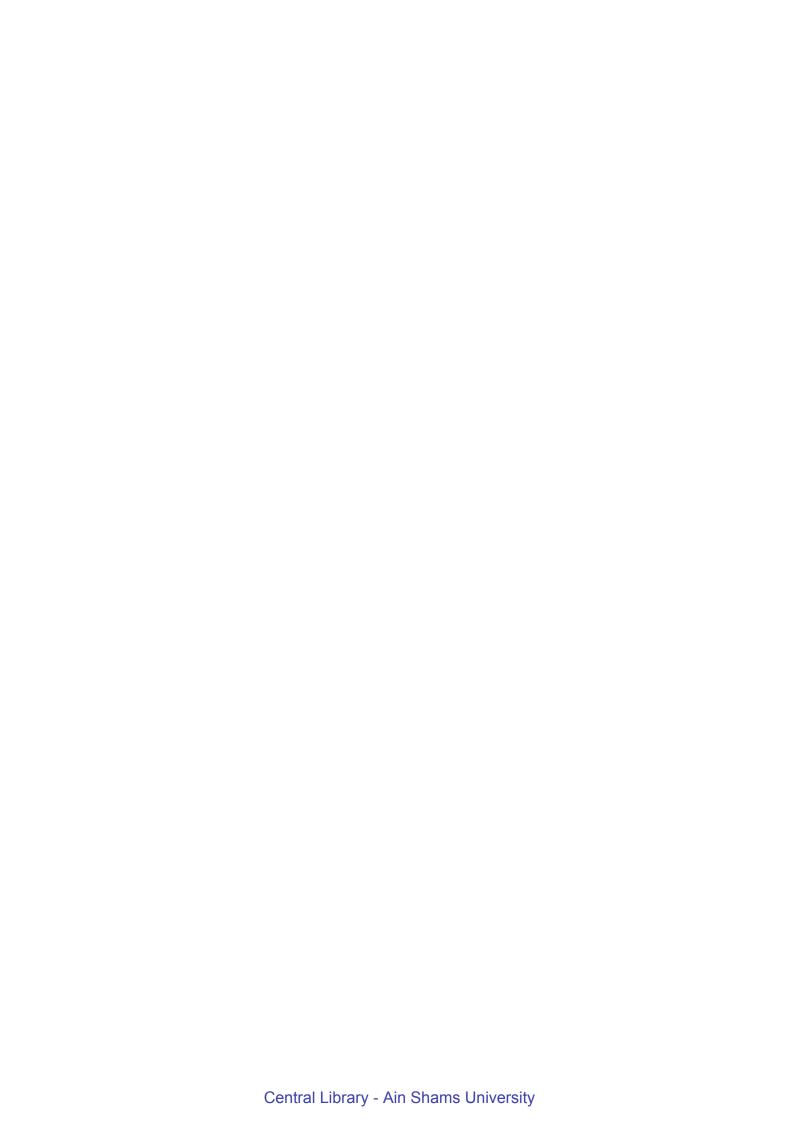
Ig Immunoglobulin

IL Interleukin

IM Interstitial macrophages

LAK Lymphokine activated killer

LPS Lipopolysaccharide



MAF Macrophage activating factor

MØ Macrophage
NK Natural killer

NO Nitrogen monoxide NO₂ Nitrogen dioxide

Ozone Ozone

OH Hydroxyl radical
PAH Phytohemagglutinin

Pb Lead

PBL Peripheral blood leukocytes

PBMC Peripheral blood mononuclear cells

PbO Lead oxide

PCi/L Pico Curie/liter
PGE₂ Prostaglandin E₂

PMNs Polymorphonuclear neutrophils
PNLs Polymorphonuclear leukocytes

PPb Part per billion
PPm Part per million
PVC Polyvinyl chloride
PWM Pokeweed mitogen
S-RBCs Sheep-red blood cells

Tc T-cytotoxic
TH T-helper

TNF Tumor necrosing factor

UV Ultraviolet

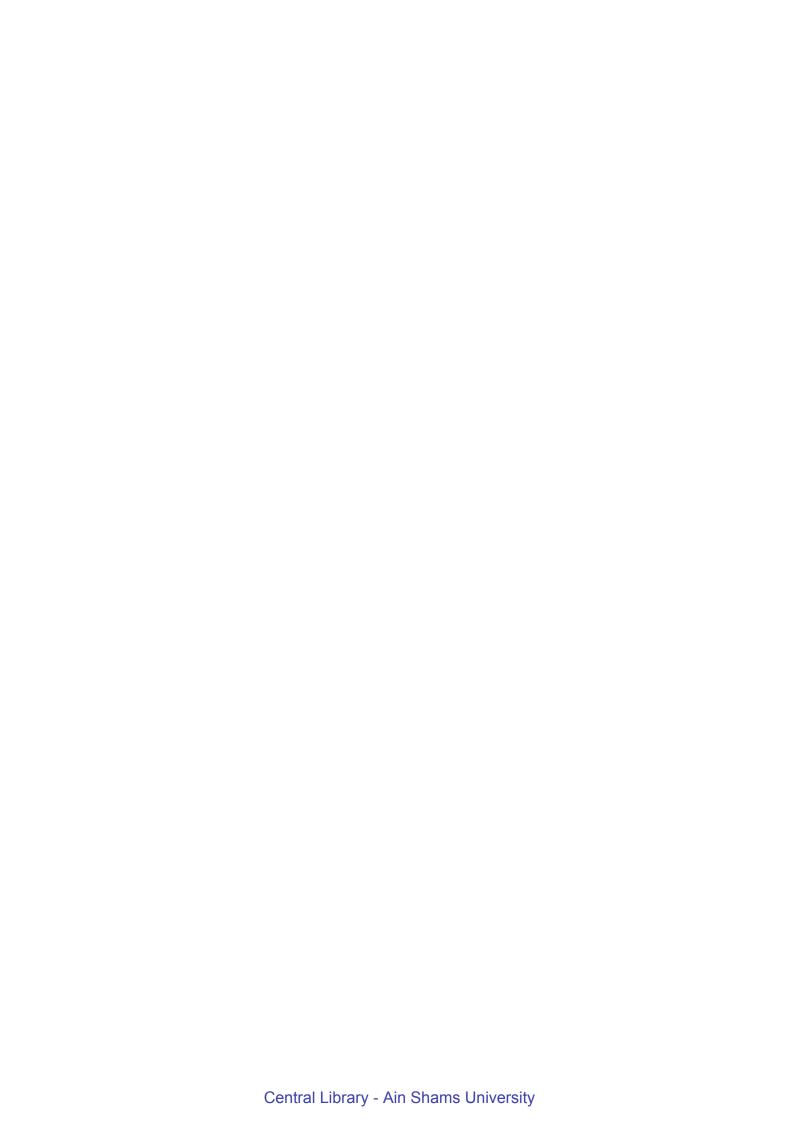
VOCs Volatile organic compounds

WBC White blood cell

Wk Week

WL Wave length

WSC Water soluble condensate



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