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قسم علم الحيوان

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Faculty of Science
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**Effect of Garlic Extract on some Physiological and
Immunological Aspects in Malathion and Carbaryl
Treated Male Albino Rats**

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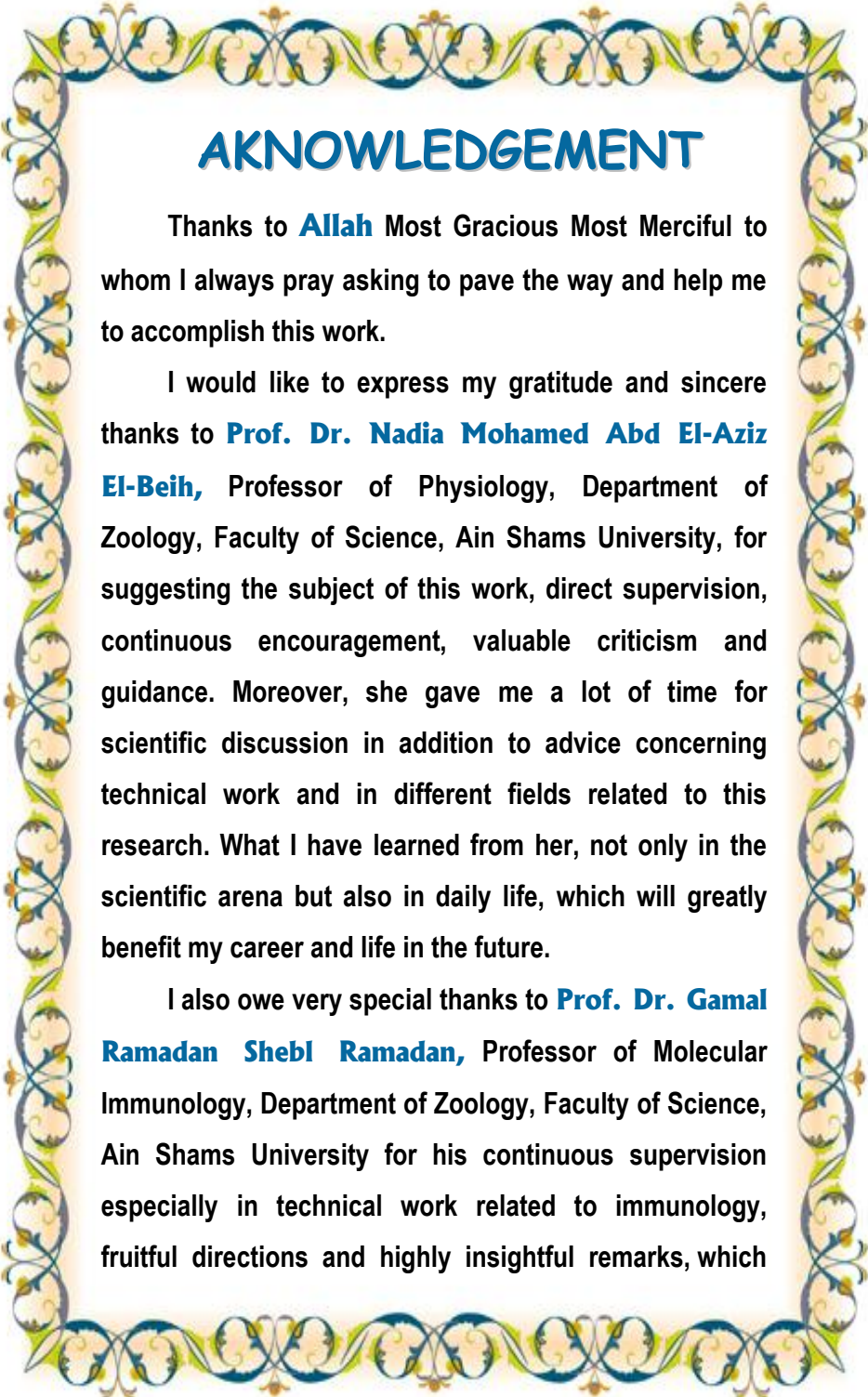
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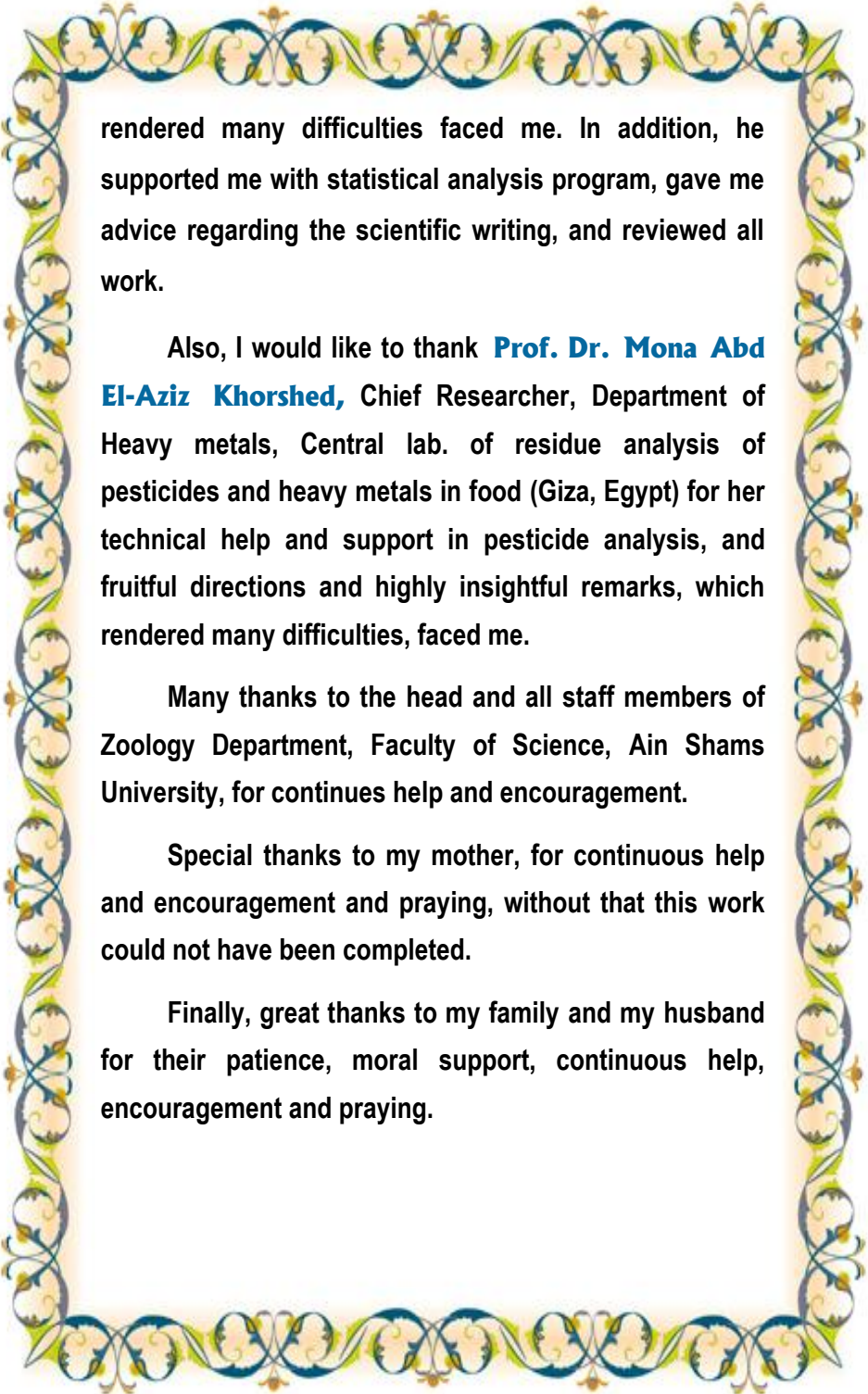


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LIST OF ABBREVIATIONS

ACh	Acetylcholine
AChE	Acetylcholine esterase
A/G	Albumin/Globulin
AGE	Aged garlic extract
ALAT	Alanine aminotransferase
ALP	Alkaline phosphatase
ANOVA	Analysis of variance
ASAT	Aspartate aminotransferase
b.w	Body weight
CAR	Carbaryl
CB	Carbamate
DEN	Diethyl nitrosamine
dL	Deci-litre
DTH	Delayed type of hypersensitivity
DTNB	5, 5-Dithiobis-2-nitrobenzoic acid
ECD	Electron capture detector

EDTA	Ethylenediamine tetra-acetic acid
EPA	Environmental protection agency
fL	Femto-litre
Fru-Arg	N-alpha-(1-deoxy-D-fructos-1-yl)-L-arginine
g	Gram
G-6-PDH	Glucose-6-phosphate dehydrogenase
GC	Gas chromatography
GPx	Glutathione peroxidase
GS·	Glutathione radical
GSH	Reduced glutathione
GSH/GSSG	Reduced/oxidized glutathione ratio
GSSG	Oxidized glutathione
Hb	Haemoglobin
HCT	Haematocrit value
HDL	High density lipoprotein
HMG-CoA	3-Hydroxy-3-methyl-glutaryl-CoA
Ig	Immunoglobulin

IU	International unit
KJ	Kilo joule
L	Litre
LD50	Lethal dose 50%
LDH	Lactate dehydrogenase
LDL	Low density lipoprotein
MAL	Malathion
MCH	Mean corpuscular haemoglobin
MCHC	MCH concentration
MCV	Mean corpuscular volume
mg	Milligram
min	Minute
NAD	Nicotinamide adenine dinucleotide
NADH	Reduced form of NAD
NADP	NAD phosphate
NADPH	Reduced form of NAD phosphate
NaH_2Po_4	Sodium di-hydrogen phosphate
NaNO_2	Sodium nitrite

$\text{NH}_4\text{SO}_3\text{NH}_2$	Ammonium sulfamate
nmole	Nanomole
NPD	Nitrogen phosphorous detector
O.D	Optical density
OP	Organophosphate
pg	Pico-gram
RBCs	Red blood corpuscles
ROS	Reactive oxygen species
rpm	Round per minute
SAC	S-allylcysteine
SAMC	S-allylmercaptocysteine
SE	Standard error
Sec	Second
VLDL	Very low density lipoprotein
WBCs	White blood cells

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