TABLE OF CONTENTS

TABLE OF CONTENTS (CONTINUED)

LIST OF TABLES

xi

LIST OF ILLUSTRATIONS

LIST OF ILLUSTRATIONS (CONTINUED)

ABBREVIATIONS

ace	acentric fragment
ALS	alkaline labile site
csb	chromosome break
csd	chromosome deletion
csg	chromosome gap
ctb	chromatid break
ctd	chromatid deletion
ctg	chromatid gap
dic	dicentric
DNA	deoxyribonucleic acid
DMSO	dimethyl sulfoxide
DSB	double-strand break
EDTA	ethylenediamine tetraacetic acid
Fig.	figure
FISH	fluorescence *in situ* hybridization
G_0	gap zero phase
G_1	gap 1 phase
G_2	gap 2 phase
g.	gram
H1	histone protein type 1
H2A	histone protein type 2A
H2B	histone protein type 2B
H3	histone protein type 3
H4	histone protein type 4
KCl	potassium chloride
KH_2PO_4	potassium dihydrogen phosphate
LMA	low melting agarose

ABBREVIATIONS (CONTINUED)

M	mole
mg.	milligram
ml.	milliliter
MI	mitotic index
MN	micronucleus
NO.	number
NaCl	sodium chloride
NaOH	sodium hydroxide
$Na_2HPO_4.2H_2O$	sodium hydrogen phosphate dibasic
NMA	normal melting agarose
PAH	polycyclic aromatic hydrocarbon
PBL	peripheral blood lymphocyte
PBS	phosphate buffer saline
PHA	phytohaemagglutinin
r	ring chromosome
rpm	revolutions per minute
S	synthesis phase
SCE	sister chromatid exchange
SCGE	single cell gel electrophoresis
S.D.	standard deviation
SSB	single-strand break
SPSS	Statistical Package for Social Science
TSP	total suspended particles
µl.	microliter
µm.	micrometer