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### DESCRIPTION

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*EuPA Open Proteomics* is published by Elsevier on behalf of the [European Proteomics Association \(EuPA\)](#) and is aimed at both European and international protein scientists together with scientists who are exploiting proteomics, lipidomics, glycomics or metabolomics in any way in their studies.

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## ABSTRACTING AND INDEXING

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**Mandatory requirements for reporting of clinical biomarker studies:**

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[2] Rehm H. *Protein Biochemistry and Proteomics*. San Diego: Academic Press/Elsevier Inc; 2006.

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[3] Morgan JW, Hettick JM, Russell DH. Peptide sequencing by MALDI 193-nm photodissociation TOF MS. In: Burlingame AL, editor. *Methods in Enzymology*, vol 402: Biological Mass Spectrometry. San Diego: Academic Press/Elsevier Inc; 2005, p.186-209.

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[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

Reference to a website:

[4] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

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### *Additional information*

#### *Standard abbreviations*

Standard abbreviations allowed to be used without explanation or definition.

A absorbance

ACES 2-[(2-amino-2-oxoethyl)amino] ethanesulphonic acid

CAN acetonitrile

A/D analog to digital converter

AEBSF 4-(2-aminoethyl)benzenesulphonyl fluoride

amu atomic mass unit

ANOVA analysis of variance

API atmospheric pressure ionization

AUC area under curve

Bis N,N'-methylenebisacrylamide

bp base pairs

BSA bovine serum albumin

%C cross-linking agent (g/100 mL)/%T

CAPS 3-(cyclohexylamino)-1-propanesulphonic acid

CBB Coomassie Brilliant Blue

CCD charge-coupled device

CD circular dichroism

CE capillary electrophoresis

CEC capillary electrochromatography

CFE continuous flow electrophoresis

CHAPS 3-[(3-cholamidopropyl)dimethylammonio]-1-propanesulphonate

CHCA ?-cyano-4-hydroxycinnamic acid

CHES 2-(N-cyclohexylamino)ethanesulphonic acid

CID collision-induced dissociation

CIEF capillary isoelectric focusing

CMC critical micelle concentration

Con A Concanavalin A

CNS central nervous system

cpm counts per minute

CTAB etyltrimethylammonium bromide

CV coefficient of variation

CZE capillary zone electrophoresis

1-D one-dimensional

2-D two-dimensional

Da dalton (molecular mass)

2-DE two-dimensional electrophoresis

DIGE fluorescence difference gel electrophoresis

DGGE denaturing gradient gel electrophoresis

DMEM Dulbecco's modified Eagle medium

DMF N,N-dimethylformamide

DMSO dimethyl sulphoxide

DOC sodium deoxycholate

dsDNA double-stranded DNA

DTE dithioerithriol  
DTT dithiothreitol  
ECL enhanced chemiluminescence  
EDTA ethylenediaminetetraacetic acid  
EEO electroendosmosis  
EGTA ethylene glycol-bis(?-aminoethylether)-N,N,N',N'-tetraacetic acid  
EKC electrokinetic chromatography  
ELISA enzyme-linked immunosorbent assay  
EMSA electrophoretic mobility shift assay  
EOF electroosmotic flow  
ER endoplasmic reticulum  
ESI electrospray ionization  
EST expressed sequence tag  
EUPA European Proteome Association  
FAB fast atom bombardment  
FACS fluorescence activated cell sorting  
FBS fetal bovine serum  
FCS fetal calf serum  
FIGE field inversion gel electrophoresis  
FITC fluorescein isothiocyanate  
FT Fourier transform  
FT-ICR Fourier transform-ion cyclotron resonance  
GC gas chromatography  
GIF graphic interchange format  
GRAVY grand average hydrophobicity  
GSH glutathione  
GST glutathione-S-transferase  
HE hematoxylin and eosin  
HEPES N-(2-hydroxyethyl)piperazine-2'-(2-ethanesulphonic acid)  
HPCE high-performance capillary electrophoresis  
HPLC high-performance liquid chromatography  
HRP horseradish peroxidase  
HSA human serum albumin  
HSP heat shock protein  
HTML hypertext mark-up language  
HUPO Human Proteome Organisation  
HVR hypervariable region  
ICAT isotop-coded affinity tag  
ICR ion cyclotron resonance  
id inside diameter  
IEF isoelectric focusing  
Ig immunoglobulin  
IMAC immobilized metal affinity capture  
IPG immobilized pH gradient  
IT ion trap  
iTRAQ isobaric tag for relative and absolute quantitation  
kbp kilobase pairs  
kDa kilodalton (molecular mass)  
LC liquid chromatography  
LED light-emitting diode  
LOD limit of detection  
LOQ limit of quantitation  
mAb monoclonal antibody  
MALDI-MS matrix-assisted laser-desorption ionization-mass spectrometry  
Mbp megabase  
MEKC micellar electrokinetic capillary chromatography  
MES 2-(N-morpholino)ethanesulphonic acid  
MHC major histocompatibility complex  
MOPS 3-(N-morpholino)propanesulphonic acid  
Mr relative molecular mass (dimensionless)

MS mass spectrometry  
MS/MS tandem mass spectrometry

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