



TABLE OF CONTENTS

●	Description	p.1
●	Abstracting and Indexing	p.2
●	Editorial Board	p.2
●	Guide for Authors	p.3



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DESCRIPTION

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INTRODUCTION

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Expanding and complementing the society affiliate *Journal of Proteomics*, *EuPA Open Proteomics* will publish on all aspects of proteomics and cover the complete spectrum from basic to translational proteomics. Particularly welcome are reports on novel **methodological and technical developments**, including **bioinformatics** and **data processing, mass spectrometry imaging, pathway analysis, peptidomics, lipidomics** and **glycomics**. It will also accept direct submissions from authors wishing to report on large **data sets** (submitted to raw data repositories) and descriptive studies. Manuscripts are welcome from plant, animal, microbial and human studies. All manuscripts are strictly peer reviewed and conform the highest ethical standards. *EuPA Open Proteomics* also publishes official EuPA reports and notes.

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Text: Indicate references by number(s) in square brackets in line with the text. The actual authors can be referred to, but the reference number(s) must always be given.

Example: '..... as demonstrated [3,6]. Barnaby and Jones [8] obtained a different result'

List: Number the references (numbers in square brackets) in the list in the order in which they appear in the text.

Examples:

Reference to a journal publication:

[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59. <https://doi.org/10.1016/j.Sc.2010.00372>.

Reference to a journal publication with an article number:

[2] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

Reference to a book:

[3] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

Reference to a chapter in an edited book:

[4] 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:

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

Reference to a dataset:

[dataset] [6] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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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-2¹-(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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