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**The ubiquitin proteasome system in Huntington disease :
impairment of the proteolytic machinery aggravates
huntingtin aggregation and toxicity**

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Abbreviations

AD	- Alzheimer disease
ALS	- amyotrophic lateral sclerosis
AMPA	- α -amino-3-hydroxy-5 methyl-4-isoxazolepropionic acid
BDNF	- brain derived neurotrophic factor
CBP	- CREB binding protein
CHIP	- C-terminus of Hsc70 interacting protein
CREB	- cyclic AMP response element binding protein
DRPLA	- dentatorubropallidoluysian atrophy
DS	- Down syndrome
DUB	- deubiquitinating enzyme
ERAD	- endoplasmatic reticulum associated degradation
GFAP	- glial fibrillar acid protein
Hap1	- huntingtin associated protein 1
HD	- Huntington disease
HECT	- homologous to E6-AP, E3-domain type
Hip1	- huntingtin interacting protein 1
Hip1R	- Hip1-related
Hippi	- Hip1 protein interactor
Hsp	- heat shock protein
Htt	- huntingtin protein
LTP	- long-term potentiation
MCBP	- multiubiquitin chain binding proteins
NEDD8	- neural precursor cell-expressed developmentally down-regulated gene
NGFR	- nerve growth factor receptor
NII	- neuronal intranuclear inclusions
PA 28/200	- proteasome activator 28 / 200
Pak-1/2	- p21-activated kinase-1 / 2
PD	- Parkinson disease
PGPH	- peptidyl-glutamyl peptide hydrolizing
PHD	- plant homeo domain, E3-domain type
PQBP-1	- polyglutamine binding protein-1
RING	- really interesting new gene, E3-domain type
SBMA	- spinobulbar muscular atrophy
SCA	- spinocerebellar ataxia
Sp1	- specificity protein-1
SUMO	- small ubiquitin-like modifier
TBP	- TATA-binding protein
UBA	- ubiquitin-associated domain
UBB ⁺¹	- ubiquitin-B ⁺¹
UbL	- ubiquitin like domain
UCH-L1	- ubiquitin C-terminal hydrolase L1
UHRF-2	- ubiquitin like with PHD and Ring finger domain-2
UPR	- unfolded protein response
UPS	- ubiquitin proteasome system

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