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List of Abbreviations

Abbrev.	Meaning
AD	Alzheimer's disease
APOE	Apolipoprotein E
APP	Amyloid precursor protein
BOLD	Blood oxygen level dependent
CAT	Choline acetyltransferase
CK	Cytokeratin
CN	Cranial nerve
CT	Computer tomography
EPI	Echo-planar imaging
fMRI	Functional magnetic resonance imaging
FPQ	Fundamental power quotient
GnRH	Gonadotropin-releasing hormone
KS	Kallmann syndrome
MRI	Magnetic resonance imaging
NFTs	Neurofibrillary Tangles
NSAIDs	Nonsteroidal anti-inflammatory drugs

PD		Parkinson's disease
PS2		Presenilin-2
ROS		Reactive oxygen species
SNECs		Small cell neuroendocrine carcinomas
TGF-β1		Transforming growth factor beta 1

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Introduction





Aim of the Work





Anatomy of the Olfactory Pathway





Pathology of the Olfactory Pathway





Technique of Different Imaging Modalities





Different Imaging Manifestations of Olfactory Pathway Lesions





Summary





References

