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## The role of impaired de novo Coenzyme A biosynthesis in pantothenate kinase-associated neurodegeneration

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## ABBREVIATIONS

<i>A.thaliana</i>	<i>Arabidopsis thaliana</i>
BBB	Blood brain barrier
CoA	Coenzyme A
<i>C.elegans</i>	<i>Caenorhabditis elegans</i>
CNS	Central nervous system
DBS	Deep brain stimulation
DAG	Diacylglycerol
DGAT	Diacylglycerol acyltransferase
DPCK	Dephospho-CoA kinase
Egfr	Epidermal growth factor receptor
Fbl	Fumble
F-actin	Filamentous actin
Grk	Gurken
HoPan	Hopantenate
InR	Insulin receptor
INAD	Infantile Neuroaxonal Dystrophy
IR	Ionizing radiation
Orb	oo18RNA binding protein
NBIA	Neurodegeneration with brain iron accumulation
PANK	Pantothenate kinase
PE	Phosphatidylethanolamine
PC	Phosphatidylcholine
PI3K	Phosphatidylinositol 3-kinase
PKAN	Pantothenate kinase-associated neurodegeneration
PLA2G6	Phospholipase A <sub>2</sub> group IV (Calcium-independent group)
PPAR $\alpha$	Peroxisome proliferator-activated receptor alpha
PPAT	4'-phosphopantetheine adenylyltransferase
PPCDC	(R)-4'-phospho-N-pantothenoylecysteine decarboxylase
PPCS	4'-phosphopantothenoylecysteine synthetase
PLC	Phospholipase C
PS	Phosphatidylserine
ROS	Reactive oxygen species
S2	Schneider 2
SOD	CuZn-superoxide dismutase
TAG	Triacylglycerol
TCA	Tricarboxylic acid
UTR	Untranslated region

