

From: [REDACTED] <[REDACTED]>

To: "jeffrey E." <jeevacation@gmail.com>

Subject: Re: From wikipedia...

Date: Mon, 19 Jun 2017 14:46:00 +0000

Maybe so

On Jun 19, 2017, at 1:09 AM, jeffrey E. <jeevacation@gmail.com> wrote:

Are the ears - Flowers. Wax coating small hairs

On Mon, Jun 19, 2017 at 2:12 AM [REDACTED] <[REDACTED]> wrote:

I went through this list of protein aggregation diseases or proteopathies ... or what I'm calling aggregopathies. It's not a problem with the protein, it's a problem bc they aggregate. Anyway, I just did a basic search of all of the names and checked to see if there was evidence for change in intracellular PH with all...yup/not all are in neurons. Weird = this is what happens when you acidify the soil.

Proteopathy	Major aggregating protein
Alzheimer's disease ^[16]	Amyloid β peptide ($A\beta$); Tau protein (see tauopathies)
Cerebral β -amyloid angiopathy ^[49]	Amyloid β peptide ($A\beta$)
Retinal ganglion cell degeneration in glaucoma ^[50]	Amyloid β peptide ($A\beta$)
Prion diseases (multiple) ^[51]	Prion protein
Parkinson's disease and other synucleinopathies (multiple) ^[52]	α -Synuclein
Tauopathies (multiple) ^[53]	Microtubule-associated protein tau (Tau protein)
Frontotemporal lobar degeneration (FTLD) (Ubi+, Tau-) ^[54]	TDP-43
FTLD-FUS ^[54]	Fused in sarcoma (FUS) protein
Amyotrophic lateral sclerosis (ALS) ^{[55][56]}	Superoxide dismutase, TDP-43, FUS, C9ORF72, ubiquilin-2 (UBQLN2)
Huntington's disease and other trinucleotide repeat disorders (multiple) ^{[57][58]}	Proteins with tandem glutamine expansions
Familial British dementia ^[49]	ABri
Familial Danish dementia ^[49]	ADan
Hereditary cerebral hemorrhage with amyloidosis (Icelandic) (HCHWA-I) ^[49]	Cystatin C
CADASIL ^[59]	Notch3
Alexander disease ^[60]	Glial fibrillary acidic protein (GFAP)
Seipinopathies ^[61]	Seipin

Familial amyloidotic neuropathy, Senile systemic amyloidosis	Transthyretin ^[62]
Serpinopathies (multiple) ^[63]	Serpins
AL (light chain) amyloidosis (primary systemic amyloidosis)	Monoclonal immunoglobulin light chains ^[62]
AH (heavy chain) amyloidosis	Immunoglobulin heavy chains ^[62]
AA (secondary) amyloidosis	Amyloid A protein ^[62]
Type II diabetes ^[64]	Islet amyloid polypeptide (IAPP; amylin)
Aortic medial amyloidosis	Medin (lactadherin) ^[62]
ApoAI amyloidosis	Apolipoprotein AI ^[62]
ApoAII amyloidosis	Apolipoprotein AII ^[62]
ApoAIV amyloidosis	Apolipoprotein AIV ^[62]
Familial amyloidosis of the Finnish type (FAF)	Gelsolin ^[62]
Lysozyme amyloidosis	Lysozyme ^[62]
Fibrinogen amyloidosis	Fibrinogen ^[62]
Dialysis amyloidosis	Beta-2 microglobulin ^[62]
Inclusion body myositis/myopathy ^[65]	Amyloid β peptide (A β)
Cataracts ^[66]	Crystallins
Retinitis pigmentosa with rhodopsin mutations ^[67]	rhodopsin
Medullary thyroid carcinoma	Calcitonin ^[62]
Cardiac atrial amyloidosis	Atrial natriuretic factor ^[62]
Pituitary prolactinoma	Prolactin ^[62]
Hereditary lattice corneal dystrophy	Keratoepithelin ^[62]
Cutaneous lichen amyloidosis ^[68]	Keratins
Mallory bodies ^[69]	Keratin intermediate filament proteins
Corneal lactoferrin amyloidosis	Lactoferrin ^[62]
Pulmonary alveolar proteinosis	Surfactant protein C (SP-C) ^[62]
Odontogenic (Pindborg) tumor amyloid	Odontogenic ameloblast-associated protein ^[62]
Seminal vesicle amyloid	Semenogelin ^[62]
Apolipoprotein C2 amyloidosis	Apolipoprotein C2 (ApoC2) ^[62]
Apolipoprotein C3 amyloidosis	Apolipoprotein C3 (ApoC3) ^[62]
Lect2 amyloidosis	Leukocyte chemotactic factor-2 (Lect2) ^[62]
Insulin amyloidosis	Insulin ^[62]
Galectin-7 amyloidosis (primary localized cutaneous amyloidosis)	Galectin-7 (Gal7) ^[62]
Corneodesmosin amyloidosis	Corneodesmosin ^[62]
Enfuvirtide amyloidosis ^[70]	Enfuvirtide ^[62]
Cystic Fibrosis ^[71]	cystic fibrosis transmembrane conductance regulator (CFTR) protein
Sickle cell disease ^[72]	Hemoglobin

please note

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