

The wide spectrum of tubulinopathies: what are the key

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mutations in tubulin genes are frequent causes of various foetal malformations of cortical development including microlissencephaly. <i>Acta Neuropathologica Communications</i> , 2014, 2, 69.	2.4	106
2	Microtubule Self-Organization via Protein-RNA Network Crosstalk. <i>Cell</i> , 2014, 158, 245-247.	13.5	2
3	APC Is an RNA-Binding Protein, and Its Interactome Provides a Link to Neural Development and Microtubule Assembly. <i>Cell</i> , 2014, 158, 368-382.	13.5	153
4	TUBA1A mutation can cause a hydranencephaly-like severe form of cortical dysgenesis. <i>Scientific Reports</i> , 2015, 5, 15165.	1.6	23
5	Terminology in morphological anomalies of the cerebellum does matter. <i>Cerebellum and Ataxias</i> , 2015, 2, 8.	1.9	28
6	The expression of <i>tubb2b</i> undergoes a developmental transition in murine cortical neurons. <i>Journal of Comparative Neurology</i> , 2015, 523, 2161-2186.	0.9	23
7	Mosaic dominant <i>TUBB4A</i> mutation in an inbred family with complicated hereditary spastic paraplegia. <i>Movement Disorders</i> , 2015, 30, 854-858.	2.2	34
8	Monozygotic twins with a de novo 0.32 Mb 16q24.3 deletion, including <i>TUBB3</i> presenting with developmental delay and mild facial dysmorphism but without overt brain malformation. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 2731-2736.	0.7	8
9	Cellular insights into cerebral cortical development: focusing on the locomotion mode of neuronal migration. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 394.	1.8	82
10	Genotype-phenotype correlation in neuronal migration disorders and cortical dysplasias. <i>Frontiers in Neuroscience</i> , 2015, 9, 181.	1.4	52
11	Tubulinopathies and Their Brain Malformation Syndromes: Every <i>TUB</i> on Its Own Bottom. <i>Epilepsy Currents</i> , 2015, 15, 65-67.	0.4	9
12	TUBA1A Mutation Associated With Eye Abnormalities in Addition to Brain Malformation. <i>Pediatric Neurology</i> , 2015, 53, 442-444.	1.0	26
13	Whole-exome sequencing points to considerable genetic heterogeneity of cerebral palsy. <i>Molecular Psychiatry</i> , 2015, 20, 176-182.	4.1	178
14	Recognizable cerebellar dysplasia associated with mutations in multiple tubulin genes. <i>Human Molecular Genetics</i> , 2015, 24, 5313-5325.	1.4	77
15	β -Tubulin complexes in microtubule nucleation and beyond. <i>Molecular Biology of the Cell</i> , 2015, 26, 2957-2962.	0.9	104
16	Genetic Causes of Intellectual Disability: The Genes Controlling Cortical Development. , 2016, , 43-64.		0
17	Sending Mixed Signals: The Expanding Role of Molecular Cascade Mutations in Malformations of Cortical Development and Epilepsy. <i>Epilepsy Currents</i> , 2016, 16, 158-163.	0.4	5
18	Nosological delineation of congenital ocular motor apraxia type Cogan: an observational study. <i>Orphanet Journal of Rare Diseases</i> , 2016, 11, 104.	1.2	21

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19	Magnetic Resonance Imaging of Malformations of Midbrain-Hindbrain. <i>Journal of Computer Assisted Tomography</i> , 2016, 40, 14-25.	0.5	30
20	Disorders of Microtubule Function in Neurons: Imaging Correlates. <i>American Journal of Neuroradiology</i> , 2016, 37, 528-535.	1.2	56
21	A novel <i>TUBB3</i> mutation in a sporadic patient with asymmetric cortical dysplasia. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 1076-1079.	0.7	19
22	Mutations in <i>TUBB8</i> cause a multiplicity of phenotypes in human oocytes and early embryos. <i>Journal of Medical Genetics</i> , 2016, 53, 662-671.	1.5	91
23	Uner Tan syndrome caused by a homozygous <i>TUBB2B</i> mutation affecting microtubule stability. <i>Human Molecular Genetics</i> , 2016, 26, ddw383.	1.4	11
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30	The emerging role of the tubulin code: From the tubulin molecule to neuronal function and disease. <i>Cytoskeleton</i> , 2016, 73, 521-550.	1.0	116
31	Cerebellar and Brainstem Malformations. <i>Neuroimaging Clinics of North America</i> , 2016, 26, 341-357.	0.5	30
32	Genetic Basis of Brain Malformations. <i>Molecular Syndromology</i> , 2016, 7, 220-233.	0.3	156
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34	Two unique <i>TUBB3</i> mutations cause both CFEOM3 and malformations of cortical development. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 297-305.	0.7	51
35	De novo <i>TUBB2B</i> mutation causes fetal akinesia deformation sequence with microlissencephaly: An unusual presentation of tubulinopathy. <i>European Journal of Medical Genetics</i> , 2016, 59, 249-256.	0.7	23
36	Isolation of Functional Tubulin Dimers and of Tubulin-Associated Proteins from Mammalian Cells. <i>Current Biology</i> , 2016, 26, 1728-1736.	1.8	66
37	Mutations in <i>TUBB8</i> and Human Oocyte Meiotic Arrest. <i>New England Journal of Medicine</i> , 2016, 374, 223-232.	13.9	212

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39	Novel β -tubulin mutation disrupts neural development and tubulin proteostasis. <i>Developmental Biology</i> , 2016, 409, 406-419.	0.9	36
40	Malformations of Cortical Development. , 2016, , 141-164.		1
41	Mutations in the murine homologue of TUBB5 cause microcephaly by perturbing cell cycle progression and inducing p53 associated apoptosis. <i>Development (Cambridge)</i> , 2016, 143, 1126-33.	1.2	25
42	Corpus callosum and epilepsies. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 37, 55-60.	0.9	52
43	Posterior Fossa Malformations. , 2016, , 109-140.		0
44	Differential diagnosis of ventriculomegaly and brainstem kinking on fetal MRI. <i>Brain and Development</i> , 2016, 38, 103-108.	0.6	22
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51	Brain-specific knockin of the pathogenic <i>Tubb5</i> E401K allele causes defects in motor coordination and prepulse inhibition. <i>Behavioural Brain Research</i> , 2017, 323, 47-55.	1.2	6
52	Ocular congenital cranial dysinnervation disorders (CCDDs): insights into axon growth and guidance. <i>Human Molecular Genetics</i> , 2017, 26, R37-R44.	1.4	59
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54	Prenatal Brainstem Disruptions: Small Lesions-Big Problems. <i>Neuropediatrics</i> , 2017, 48, 350-355.	0.3	1
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57	Tubulins and brain development – The origins of functional specification. <i>Molecular and Cellular Neurosciences</i> , 2017, 84, 58-67.	1.0	67
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59	<i>Drosophila</i> beta-tubulin 97EF is upregulated at low temperature and stabilizes microtubules. <i>Development (Cambridge)</i> , 2017, 144, 4573-4587.	1.2	16
60	WDR81 mutations cause extreme microcephaly and impair mitotic progression in human fibroblasts and <i>Drosophila</i> neural stem cells. <i>Brain</i> , 2017, 140, 2597-2609.	3.7	28
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63	Neural-specific deletion of the focal adhesion adaptor protein paxillin slows migration speed and delays cortical layer formation. <i>Development (Cambridge)</i> , 2017, 144, 4002-4014.	1.2	15
64	Tubulin isotype specificity in neuronal migration: Tuba8 can fill in for Tuba1a. <i>Journal of Cell Biology</i> , 2017, 216, 2247-2249.	2.3	5
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67	Mutation of the β -tubulin Tuba1a leads to straighter microtubules and perturbs neuronal migration. <i>Journal of Cell Biology</i> , 2017, 216, 2443-2461.	2.3	61
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73	Clinical heterogeneity associated with <i>TUBB3</i> gene mutation in a Turkish family with congenital fibrosis of the extraocular muscles. <i>Ophthalmic Genetics</i> , 2017, 38, 288-290.	0.5	4

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85	Genetics and mechanisms leading to human cortical malformations. <i>Seminars in Cell and Developmental Biology</i> , 2018, 76, 33-75.	2.3	87
86	Î±-Tubulinâ€“Î±-Tubulin Interactions as the Basis for the Formation of a Meshwork. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3245.	1.8	16
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88	Comprehensive genotype-phenotype correlation in lissencephaly. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 673-693.	1.1	17
89	Tubulinopathies. <i>Topics in Magnetic Resonance Imaging</i> , 2018, 27, 395-408.	0.7	30
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118	The Reeler Mouse: A Translational Model of Human Neurological Conditions, or Simply a Good Tool for Better Understanding Neurodevelopment?. <i>Journal of Clinical Medicine</i> , 2019, 8, 2088.	1.0	19
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122	Tubulin mutations in brain development disorders: Why haploinsufficiency does not explain <i>TUBA1A</i> tubulinopathies. <i>Cytoskeleton</i> , 2020, 77, 40-54.	1.0	23
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124	Microcephaly with a simplified gyral pattern in a child with a de novo <i>TUBA1A</i> variant. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 576-578.	0.7	3
125	Prenatal cerebral imaging features of a new syndromic entity related to KIAA1109 pathogenic variants mimicking tubulinopathy. <i>Prenatal Diagnosis</i> , 2020, 40, 276-281.	1.1	4
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135	TUBB3 E410K syndrome: Case report and review of the clinical spectrum of TUBB3 mutations. American Journal of Medical Genetics, Part A, 2020, 182, 1977-1984.	0.7	15
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