

Publications

Cognitive/Neurobehavioral Functioning:

[Cognitive development of children with neurofibromatosis type 1 and plexiform neurofibromas across six years: Patterns and demographic and disease predictors.](#)

Hou, Y., Allen, T., Wolters, P., Toledo-Tamula, M.A., Martin, S., Baldwin, A., Reda, S., Gillespie, A., Goodwin, A., & Widemann, B. *Developmental Medicine & Child Neurology* (2020)

[Systematic evaluation of neurotoxicity in pediatric and young adult patients undergoing CD22 chimeric antigen receptor-T-cell therapy.](#)

Shalabi, H, Wolters, P, Martin, S, Tamula, MA, Roderick, MC, Struempf, K, Kane, E, Yates, B, Delbrook, C, Mackall, C, Lee, DW, Fry, T, & Shah, N. *Journal of Immunotherapy* 41(7), 350-358 (2018)

[Neurocognitive outcomes in neurofibromatosis clinical trials: Recommendations for the domain of attention.](#)

Walsh, K, Janusz, J, Wolters, PL, Martin, S, Klein-Tasman, B, Toledo-Tamula, MA, Thompson, HL, Payne, JM, Hardy, KK, de Blank, PMK, Semerjian, C, Gray, LS, Solomon, SE, and Ullrich, N. *Neurology* 16(87, Suppl 1): S21-S30 (2016)

[Neurobehavioral profiles in individuals with Hyperimmunoglobulin E Syndrome \(HIES\) and brain white matter hyperintensities.](#)

Martin S, Wolters P, Billings N. Toledo-Tamula MA, Hammoud DA, Welch P, Darnell D, Holland SM, and Freeman AF. *J Clin Immunol.* 33(7):1175- 84 (2013)

Social-Emotional Functioning/Quality of Life:

[Impact of the coronavirus pandemic on mental health and healthcare in adults with neurofibromatosis: Patient perspectives from an online survey.](#)

Wolters, PL, Reda, S, Martin, S, Al Ghriwati, N, Baker, M, Berg, D, Erickson, G, Franklin, B, Merker, VL, Oberlander, B, Reeve, S, Röhl, C, Rosser, T, Tamula, MA, Vranceanu, AM. *American Journal of Medical Genetics.* (2021)

[Acceptance and Commitment Therapy for Adolescents and Adults with Neurofibromatosis Type 1, Plexiform Neurofibromas, and Chronic Pain: Results of a Randomized Controlled Trial.](#)

Martin, S, Allen, T, Toledo-Tamula, MA, Struempf, KL, Reda, S, Wolters, PL, Baldwin, A, Quinn, M, and Widemann, B. (in press). *Journal of Contextual Behavioral Science.* (2021)

[Sleep disturbance in adults with sickle cell disease: relationships with executive and psychological functioning.](#)

Rhodes, A., Martin, S., Wolters, P., Rodriguez, Y., Toledo-Tamula, M.A., Struempf, K., Fitzhugh, C., Hsieh, M., Tisdale, J. *Annals of Hematology* doi: 10.1007/s00277-020-04058-7 (2020)

[An internet support group for parents of children with neurofibromatosis type 1: A qualitative analysis.](#) Martin, S, Struempf, KL, Poblete, A, Toledo-Tamula, MA, Lockridge, R, Roderick, MC, & Wolters, P. *Journal of Community Genetics* doi: 10.1007/s12687-018-0360-x (2018)

[The relationship between heart rate variability, psychological flexibility, and pain in adolescents and young adults with neurofibromatosis type 1 and chronic pain.](#) Allen, TM, Struempf, KL, Tamula, MA, Wolters, PL, Baldwin, A, Widemann, B, and Martin, S. *Pain Practice* doi: 10.1111/papr.12695 (2018)

[Attitudes about internet support groups among adolescents and young adults with neurofibromatosis type 1 and their parents.](#) Martin S, Wolters PL, Baldwin A, Roderick MC, Toledo-Tamula MA, Gillespie A, and Widemann B. *J Genet Couns.* 23(5):796-804 (2014)

[Patient-reported outcomes of pain and physical functioning in neurofibromatosis clinical trials.](#) Wolters, PL, Martin, S, Merker, VL, Tongsgard, JH, Solomon, SE, Baldwin, AM, Bergner, AL, Walsh, KS, Thompson, H, Gardner, KL, Hingtgen, CM, Schorry, EK, Dudley, WN, and Franklin, B: *Neurology*16 (87, Suppl 1): S4-S12 (2016)

Medication Adherence:

[Pediatric psychologists' use of adherence assessments and interventions.](#) Wu YP, Rohan JM, Martin S, Hommel K, Greenley RN, Loiselle K, Ambrosino J, and Fredericks EM. *J Pediatr Psychol.* 38(6):595-604 (2013)

Clinical Trials:

[Selumetinib in children with inoperable plexiform neurofibromas.](#) Gross, A.M., Wolters, P.L., Dombi, E., Baldwin, A., Whitcomb, P., Fisher, M.J., Weiss, B., Kim, A., Bornhorst, M., Shah, A.C, Martin, S., Roderick, M.C., Pichard, D.C., Carbonell, A., Paul, S.M., Therrien, J., Kapustina, O., Heisey, K., Clapp, D.W., Zhang, C., Peer, C.J., Figg, W.D., Smith, M., Glod, J., Blakely, J.O., Steinberg, S.M., Venzon, D.J., Doyle, L.A., & Widemann, B.C. *NEJM* 382(15), 1430-1442 (2020)

[Phase I trial of convection enhanced delivery of IL 13-Pseudomonas toxin in children with diffuse intrinsic pontine glioma.](#) Heiss, J, Jamshidi, A, Martin, S, Wolters, P, Warren, K, & Lonser, R. *Journal of Neurosurgery: Pediatrics* 23(3), 333-342 (2018)

[Sirolimus for non-progressive NF1-associated plexiform neurofibromas: an NF clinical trials consortium phase II study.](#) Weiss, B, Widemann BC, Wolters P, Dombi E, Vinks

AA, Cantor A, Korf B, Perentesis J, Gutmann DH, Schorry E, Packer R, and Fisher MJ. *Pediatric Blood and Cancer* 61(6):982-986 (2014)

[Phase II trial of pirfenidone in children and young adults with neurofibromatosis type 1 and progressive plexiform neurofibromas.](#) Widemann BC, Babovic-Vuksanovic D, Dombi E, Wolters PL, Goldman S, Martin S, Goodwin A, Goodspeed W, Kieran MW, Cohen B, Blaney SM, King A, Solomon J, Patronas N, Balis FM, Fox E, Steinberg SM, and Packer RJ. *Pediatric Blood and Cancer* 61(9):1598-602 (2014)

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