



**Prof. Peter M Andersen**

## **Kontakt**

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## Publikationen (24)

Tazelaar G, Hop P, Seelen M, Van Vugt J, van Rheenen W, Kool L, van Eijk K, Gijzen M, Dooijes D, Moisse M, Calvo A, Moglia C, Brunetti M, Canosa A, Nordin A, Pardina J, Ravits J, Al-Chalabi A, Chio A, McLaughlin R, Hardiman O, Van Damme P, de Carvalho M, Neuwirth C, Weber M, Andersen P, van den Berg L, Veldink J, van Es M. Whole genome sequencing analysis reveals post-zygotic mutation variability in monozygotic twins discordant for amyotrophic lateral sclerosis. *Neurobiol Aging* 2022; 122:76-87.

van Rheenen W, van der Spek R, Bakker M, Van Vugt J, Hop P, Zwamborn R, de Klein N, Westra H, Bakker O, Deelen P, Shireby G, Hannon E, Moisse M, Baird D, Restuadi R, Dolzhenko E, Dekker A, Gawor K, Westeneng H, Tazelaar G, van Eijk K, Kooyman M, Byrne R, Doherty M, Heverin M, Al Khleifat A, Iacoangeli A, Shatunov A, Ticozzi N, Cooper-Knock J, Smith B, Gromicho M, Chandran S, Pal S, Morrison K, Shaw P, Hardy J, Orrell R, Sendtner M, Meyer T, Başak N, van der Kooi A, Ratti A, Fogh I, Gellera C, Lauria G, Corti S, Cereda C, Sproviero D, D'Alfonso S, Sorarù G, Siciliano G, Filosto M, Padovani A, Chio A, Calvo A, Moglia C, Brunetti M, Canosa A, Grassano M, Beghi E, Pupillo E, Logroscino G, Nefussy B, Osmanovic A, Nordin A, Lerner Y, Zabari M, Gotkine M, Baloh R, Bell S, Vourc'h P, Corcia P, Couratier P, Millecamp S, Meininger V, Salachas F, Mora Pardina J, Assialouï A, Rojas-García R, Dion P, Ross J, Ludolph A, Weishaupt J, Brenner D, Freischmidt A, Bensimon G, Brice A, Dürr A, Payan C, Saker-Delye S, Wood N, Topp S, Rademakers R, Tittmann L, Lieb W, Franke A, Ripke S, Braun A, Kraft J, Whiteman D, Olsen C, Uitterlinden A, Hofman A, Rietschel M, Cichon S, Nöthen M, Amouyel P, SLALOM Consortium, PARALS Consortium, SLAGEN Consortium, SLAP Consortium, Traynor B, Singleton A, Mitne Neto M, Cauchi R, Ophoff R, Wiedau-Pazos M, Lomen-Hoerth C, Van Deerlin V, Grosskreutz J, Roediger A, Gaur N, Jörk A, Barthel T, Theele E, Ilse B, Stubendorff B, Witte O, Steinbach R, Hübner C, Graff C, Brylev L, Fominykh V, Demeshonok V, Ataulina A, Rogelj B, Koritnik B, Zidar J, Ravnik-Glavač M, Glavač D, Stević Z, Drory V, Povedano M, Blair I, Kiernan M, Benyamin B, Henderson R, Furlong S, Mathers S, McCombe P, Needham M, Ngo S, Nicholson G, Pamphlett R, Rowe D, Steyn F, Williams K, Mather K, Sachdev P, Henders A, Wallace L, de Carvalho M, Pinto S, Petri S, Weber M, Rouleau G, Silani V, Curtis C, Breen G, Glass J, Brown R, Landers J, Shaw C, Andersen P, Groen E, van Es M, Pasterkamp R, Fan D, Garton F, McRae A, Davey Smith G, Gaunt T, Eberle M, Mill J, McLaughlin R, Hardiman O, Kenna K, Wray N, Tsai E, Runz H, Franke L, Al-Chalabi A, Van Damme P, van den Berg L, Veldink J. Author Correction: Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. *Nat Genet* 2022; 54:361.

Hop P, Zwamborn R, Hannon E, Shireby G, Nabais M, Walker E, van Rheenen W, Van Vugt J, Dekker A, Westeneng H, Tazelaar G, van Eijk K, Moisse M, Baird D, Al Khleifat A, Iacoangeli A, Ticozzi N, Ratti A, Cooper-Knock J, Morrison K, Shaw P, Basak A, Chio A, Calvo A, Moglia C, Canosa A, Brunetti M, Grassano M, Gotkine M, Lerner Y, Zabari M, Vourc'h P, Corcia P, Couratier P, Mora Pardina J, Salas T, Dion P, Ross J, Henderson R, Mathers S, McCombe P, Needham M, Nicholson G, Rowe D, Pamphlett R, Mather K, Sachdev P, Furlong S, Garton F, Henders A, Lin T, Ngo S, Steyn F, Wallace L, Williams K, Neto M, Cauchi R, Blair I, Kiernan M, Drory V, Povedano M, de Carvalho M, Pinto S, Weber M, Rouleau G, Silani V, Landers J, Shaw C, Andersen P, McRae A, van Es M, Pasterkamp R, Wray N, McLaughlin R, Hardiman O, Kenna K, Tsai E, Runz H, Al-Chalabi A, van den Berg L, Van Damme P, Mill J, Veldink J. Genome-wide study of DNA methylation shows alterations in metabolic, inflammatory, and cholesterol pathways in ALS. *Sci Transl Med* 2022; 14:eabj0264.

Kliest T, van Eijk R, Al-Chalabi A, Albanese A, Andersen P, Amador M, Bråthen G, Brunaud-Danel V, Brylev L, Camu W, de Carvalho M, Cereda C, Cetin H, Chaverri D, Chio A, Corcia P, Couratier P, De Marchi F, Desnuelle C, van Es M, Esteban J, Filosto M, García Redondo A, Grosskreutz J, Hanemann C, Holmøy T, Hoyer H, Ingre C, Koritnik B, Kuzma-Kozakiewicz M, Lambert T, Leigh P, Lunetta C, Mandrioli J, McDermott C, Meyer T, Mora J, Petri S, Povedano M, Reviers E, Riva N, Roes K, Rubio M, Salachas F, Sarafov S, Sorarù G, Stević Z, Svenstrup K, Møller A, Turner M, Van Damme P, Van Leeuwen L, Varona L, Vázquez Costa J, Weber M, Hardiman O, van den Berg L. Clinical trials in pediatric ALS: a TRICALS feasibility study. *Amyotroph Lateral Scler Frontotemporal Degener* 2022; 23:481-488.

German ALS network MND-NET, Weis J, Dorst J, Volk A, Borck G, Sperfeld A, de Carvalho M, Klopstock T, Sendtner M, Otto M, Schuster J, Weishaupt J, Andersen P, Ludolph A, Meitinger T, Freischmidt A, Danzer K, Braak H, Del Tredici K, Jablonka S, Kubisch C, Zeller D, Weydt P, Grosskreutz J, Meyer T, Petri S, Grehl T, Müller K, Yilmaz R, Rosenbohm A, Ruf W, Neuwirth C, Hübers A, Günther K, Knehr A, Jordan B, Schrank B, Claeys K, Pinto S, Weber M, Brenner D. Reply: Adult-onset distal spinal muscular atrophy: a new phenotype associated with KIF5A mutations. *Brain* 2019; 142:e67.

Weishaupt J, Weis J, Dorst J, Volk A, Borck G, Sperfeld A, de Carvalho M, Klopstock T, Sendtner M, Otto M, Schuster J, Andersen P, Ludolph A, Strom T, Meitinger T, Freischmidt A, Danzer K, Braak H, Del Tredici K, Jablonka S, Kubisch C, German ALS network MND-NET, Ruf W, Weydt P, Grosskreutz J, Meyer T, Petri S, Grehl T, Müller K, Yilmaz R, Neuwirth C, Weber M, Zeller D, Hübers A, Günther K, Knehr A, Jordan B, Schrank B, Claeys K, Pinto S, Brenner D. Hot-spot KIF5A mutations cause familial ALS. *Brain* 2018

van den Berg L, Silani V, Shaw P, Salachas F, Povedano Panades M, Petri S, Nygren I, Mora Pardina J, Mitre Ropero B, Staaf G, Svenstrup K, Hardiman O, Wolf J, Weydt P, Weber M, van der Kooi A, Van Damme P, Tysnes O, Talbot K, Meyer T, McDermott C, Ludolph A, Desnuelle C, de Carvalho M, Danielsson O, Couratier P, Corcia P, Chio A, Chandran S, Andersen P, Grehl T, Grosskreutz J, Laaksovirta H, KuzmaKozakiewicz M, Koritnik B, Koch J, Kleveland G, Karlsborg M, Ingre C, Holmøy T, Al-Chalabi A. July 2017 ENCALS statement on edaravone. *Amyotroph Lateral Scler Frontotemporal Degener* 2017; 18:471-474.

Burkhardt C, Neuwirth C, Sommacal A, Andersen P, Weber M. Is survival improved by the use of NIV and PEG in amyotrophic lateral sclerosis (ALS)? A post-mortem study of 80 ALS patients. *PLoS one* 2017; 12:e0177555.

Czell D, Sapp P, Neuwirth C, Weber M, Andersen P, Brown R. Further analysis of KIFAP3 gene in ALS patients from Switzerland and Sweden. *Amyotroph Lateral Scler Frontotemporal Degener* 2017; 18:302-304.

Nordin A, Burkhardt C, Neuwirth C, Holmøy T, Morita M, Tysnes O, Benatar M, Wuu J, Lange D, Bisgård C, Asgari N, Tarvainen I, Brännström T, Weber M, Schweikert K, Grehl T, Akimoto C, Wuolikainen A, Alstermark H, Forsberg K, Baumann P, Pinto S, de Carvalho M, Hübers A, Nordin F, Ludolph A, Weishaupt J, Meyer T, Andersen P. Sequence variations in C9orf72 downstream of the hexanucleotide repeat region and its effect on repeat-primed PCR interpretation: a large multinational screening study. *Amyotroph Lateral Scler Frontotemporal Degener* 2016; 18:256-264.

Zhang K, Arcuti S, Brunetti M, Moglia C, Calvo A, Ratti A, Tiloca C, Gellera C, Pensato V, Mazzini L, Capozzo R, Zecca C, Blair I, Stuit R, Muller B, Filosto M, Padovani A, Riva N, Penco S, Lunetta C, Sorarù G, Bertolin C, Blauw H, Curtis C, Hofman A, Estrada K, Rivadeneira F, Uitterlinden A, Dartigues J, Tzourio C, Amouyel P, van der Kooi A, de Visser M, D'Alfonso S, Comi G, Del Bo R, Cereda C, Pansarasa O, Smith B, Shaw C, Weber M, Goris A, Nöthen M, McCann E, Veldink J, Corcia P, Andersen P, Hardiman O, Landers J, Glass J, Brown R, Pers T, Franke L, Van Damme P, Vourc'h P, Silani V, van den Berg L, Al-Chalabi A, Breen G, Lewis C, Pasterkamp R, van Es M, de Bakker P, Visscher P, Wray N, Robberecht W, Weishaupt J, Stubendorff B, Prell T, Ringer T, Witte O, Grosskreutz J, Kiernan M, Pamphlett R, Rowe D, Nicholson G, Kurth I, Hübner C, Ludolph A, Powell J, Logroscino G, Tortelli R, Pupillo E, Beghi E, Chio A, Casale F, Leigh P, Fifita J, Chandran S, Koritnik B, Ravnik-Glavač M, Vrabec K, Rogelj B, Lin K, Ticuzzi N, Vajda A, Menelaou A, Medic J, Zidar J, Leonardi L, Polak M, Rojas-García R, Mora J, Pinto S, de Carvalho M, Meininger V, Salachas F, Millecamps S, Grošelj L, Brands W, Schellevis R, Robinson M, de Jong S, Vösa U, van der Spek R, Pulin S, Diekstra F, McLaughlin R, Dekker A, Shatunov A, Yang J, Fogh I, Harschnitz O, van Eijk K, Kenna K, Jones A, Sproviero W, Blokhuis A, Koppers M, Tazelaar G, van Doormaal P, van Rheenen W, Colville S, Cichon S, Maurel C, Andres C, Radivojkovic-Blagojevic M, Lichtner P, Meitinger T, Parman Y, Hamzeiy H, Tunca C, Basak A, Bensimon G, Landwehrmeyer B, Rietschel M, Franke A, Lieb W, Tittmann L, Wood N, Dürr A, Saker-Delye S, Payan C, Brice A, McCluskey L, Elman L, Topp S, Malaspina A, Fratta P, Sidle K, Pittman A, Orrell R, Hardy J, Shaw P, Morrison K, Petri S, Abdulla S, Trojanowski J, Van Deerlin V, Lomen-Hoerth C, Wiedau-Pazos M, Staats K, Ophoff R, Meyer T, Sendtner M, Drepper C, Swingler R. Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. *Nat Genet* 2016; 48:1043-8.

Brenner D, Danzer K, Volk A, Meitinger T, Strom T, Otto M, Kassubek J, Ludolph A, Andersen P, Wahlqvist M, Borck G, Müller K, Wieland T, Weydt P, Böhm S, Lule D, Hübers A, Neuwirth C, Weber M, Weishaupt J. NEK1 mutations in familial amyotrophic lateral sclerosis. *Brain* 2016

Diekstra F, Meininger V, Shatunov A, Shaw C, Leigh P, Shaw P, Morrison K, Fogh I, Chio A, Traynor B, Czell D, Weber M, Heutink P, de Bakker P, Silani V, Robberecht W, van den Berg L, Melki J, Van Damme P, Van Deerlin V, van Swieten J, Al-Chalabi A, Ludolph A, Weishaupt J, Hardiman O, Landers J, Brown R, van Es M, Pasterkamp R, Koppers M, Andersen P, Estrada K, Rivadeneira F, Hofman A, Uitterlinden A, Veldink J. C9orf72 and UNC13A are shared risk loci for amyotrophic lateral sclerosis and frontotemporal dementia: a genome-wide meta-analysis. *Ann Neurol* 2014; 76:120-33.

Kubisch C, de Carvalho M, Lloyd-Jani A, Konno T, DeJesus-Hernandez M, Angerbauer S, Daoud H, Just W, Tradowsky D, Mouzat K, Landers J, Veldink J, Andersen P, Rademakers R, Van Broeckhoven C, van den Berg L, Rouleau G, Shaw C, Gitler A, Silani V, Nordin A, Calini D, Birve A, Onodera O, Neitzel B, Camu W, Lumbroso S, Leblond C, Van den Broeck M, van Blitterswijk M, Volk A, van Rheenen W, Pinto S, Weber M, Alstermark H, van der Zee J, Ratti A, Chesi A, Keagle P, Talbot K, Proven M, Smith B, Akimoto C. A blinded international study on the reliability of genetic testing for GGGGCC-repeat expansions in C9orf72 reveals marked differences in results among 14 laboratories. *J Med Genet* 2014; 51:419-24.

Rosenbohm A, Ludolph A, Weishaupt J, Andersen P, Weber M, Huppertz H, Kubisch C, Volk A, Marroquin N, Weydt P, Kassubek J, ALS Schwaben Register Group. Can lesions to the motor cortex induce amyotrophic lateral sclerosis?. *J Neurol* 2013; 261:283-90.

Czell D, Andersen P, Neuwirth C, Morita M, Weber M. Progressive aphasia as the presenting symptom in a patient with amyotrophic lateral sclerosis with a novel mutation in the OPTN gene. *Amyotroph Lateral Scler Frontotemporal Degener* 2013; 14:138-40.

van Rheenen W, de Visser M, Weber M, Robberecht W, Hardiman O, Shaw P, Shaw C, Morrison K, Al-Chalabi A, Andersen P, Ludolph A, Veldink J, van der Kooi A, Schelhaas H, Waibel S, Diekstra F, van Doormaal P, Seelen M, Kenna K, McLaughlin R, Shatunov A, Czell D, van Es M, van Vught P, Van Damme P, Smith B, van den Berg L. H63D polymorphism in HFE is not associated with amyotrophic lateral sclerosis. *Neurobiol Aging* 2012; 34:1517.e5-7.

Shaw C, Shaw P, Robberecht W, Van Damme P, Veldink J, Van den Berg L, Ticicci N, Taroni F, Gellera C, Silani V, Kirby J, Pall H, Morrison K, Al-Chalabi A, Weale M, Brown R, Landers J, Andersen P, Baas F, Vianney de Jong J, de Belleroche J, Morris A, Asbroek A, Schelhaas H, Scott K, Troakes C, Lee Y, Miller J, Johnson L, Topp S, Vance C, Shatunov A, Newhouse S, Jones A, Gray I, Wright J, Nestor P, Weber M, Sapp P, Lovestone S, Lupton M, Powell J, Rogelj B, Al-Sarraj S, Hortobágyi T, Smith B. The C9ORF72 expansion mutation is a common cause of ALS+/-FTD in Europe and has a single founder. *Eur J Hum Genet* 2012; 21:102-8.

van den Berg L, Heutink P, van Hilten J, Verbaan D, de Visser M, van der Kooi A, Weber M, Klein C, Waibel S, Fernández-Santiago R, Birve A, Dahlberg C, Lemmens R, Hennekam E, Cuppen E, van de Warrenburg B, Landers J, de Bakker P, Pasterkamp R, Veldink J, Ophoff R, Robberecht W, Ludolph A, Gasser T, Silani V, Brown R, Berg D, Van Damme P, Pezzoli G, Keagle P, LeClerc A, Fumoto K, Diekstra F, Koppers M, Blauw H, Schulte C, Groen E, Andersen P, Ticicci N, van Vught P, Schelhaas H, Bloem B, Scheffer H, Goldwurm S, Mariani C, Folkerth R, Wu D, Kishikawa H, Yu W, Hu G, Lowe P, Wills A, van Rheenen W, van Blitterswijk M, van Nuenen B, van Es M. Angiogenin variants in Parkinson disease and amyotrophic lateral sclerosis. *Ann Neurol* 2011; 70:964-73.

EFNS Task Force on Diagnosis and Management of Amyotrophic Lateral Sclerosis.; Wasner M, Tomik B, Silani V, Pradat P, Petri S, Morrison K, Kollewe K, Hardiman O, Van Damme P, Chio A, de Carvalho M, Borasio G, Abrahams S, Andersen P, Weber M. EFNS guidelines on the clinical management of amyotrophic lateral sclerosis (MALS)--revised report of an EFNS task force. *Eur J Neurol* 2011; 19:360-75.

Gispert S, Ludolph A, Riess O, Krüger R, Andersen P, Berg D, Weber M, Becker T, Gitler A, Geisen C, Liepelt I, Bauer P, Waibel S, Kurz A, Auburger G. The modulation of Amyotrophic Lateral Sclerosis risk by ataxin-2 intermediate polyglutamine expansions is a specific effect. *Neurobiol Dis* 2011; 45:356-61.

Lee T, Andersen P, Bonini N, Gispert S, Auburger G, Tysnes O, Meyer T, de Carvalho M, Gredal O, Grehl T, Weber M, Ingre C, Li Y, Gitler A. Ataxin-2 intermediate-length polyglutamine expansions in European ALS patients. *Hum Mol Genet* 2011; 20:1697-700.

Birve A, Neuwirth C, Weber M, Marklund S, Nilsson A, Jonsson P, Andersen P. A novel SOD1 splice site mutation associated with familial ALS revealed by SOD activity analysis. *Hum Mol Genet* 2010; 19:4201-6.

Felbecker A, Camu W, Valdmanis P, Sperfeld A, Weibel S, Steinbach P, Rouleau G, Ludolph A, Andersen P. Four familial ALS pedigrees discordant for two SOD1 mutations: are all SOD1 mutations pathogenic?. *J Neurol Neurosurg Psychiatry* 2010; 81:572–577.

## Projekte (0)

Keine Resultate gefunden.

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