

## **Klinik f. Psychiatrie und Psychotherapie: Erfasste Publikationen aus 2025**

### **Influence of Sex and Diagnosis on Clinical Variables and Neurocognitive Performance in Severe Mental Illness. Results From the PsyCourse Study.**

Acta Psychiatr Scand 2025.

Serra-Navarro M, Heilbronner M, Solé B, Borràs R, Martínez-Arán A, Adorjan K, Navarro-Flores A, Oraki Kohshour M, Reich-Erkelenz D, **Schulte EC**, Senner F, Anghelescu IG, Arolt V, Baune BT, Dannlowski U, Dietrich DE, Fallgatter AJ, Figge C, Jäger M, Juckel G, Konrad C, Reimer J, Reininghaus EZ, Schmauß M, Schmitt A, Spitzer C, Wiltfang J, Zimmermann J, Papiol S, Heilbronner U, Falkai P, Schulze TG, Vieta E, Torrent C, Budde M, Amoretti S

### **Unravelling the Link Between Body Mass Index and Cognitive Performance in Individuals With Bipolar Disorder and Exploration of PRS Moderation Effect: Findings From the PsyCourse Study.**

Acta Psychiatr Scand 2025; 152(6): 451-461.

Solé B, Montejo L, Budde M, Valentí M, Borràs R, Martín-Parra S, Ruiz A, Martínez-Arán A, Adorjan K, Heilbronner M, Navarro-Flores A, Oraki Kohshour M, Reich-Erkelenz D, **Schulte EC**, Senner F, Anghelescu IG, Arolt V, Baune BT, Dannlowski U, Dietrich DE, Fallgatter AJ, Figge C, Juckel G, Konrad C, Reimer J, Reininghaus EZ, Schmauß M, Spitzer C, Wiltfang J, Zimmermann J, Falkai P, Vieta E, Schulze TG, Torrent C, Heilbronner U, Papiol S

### **Advancing the measurement of affective self-other distinction: A novel paradigm to measure intra- and inter-individual differences in emotional biases.**

Acta Psychol (Amst) 2025; 261.

**Fjaellingsdal TG**, Döhr K, Zschoche G, Krämer UM

### **Machine Learning Classification of Smoking Behaviours-From Social Environment to the Prefrontal Cortex.**

Addict Biol 2025; 30(8).

Reinhardt P, Zacharias N, Fislage M, Böhmer J, Hollunder B, Reppmann Z, Wiehe A, Rajwich R, Dominick N, Ritter K, Bajbouj M, Wienker T, Gallinat J, Thürauf N, Kornhuber J, Kiefer F, **Wagner M**, Tüscher O, Walter H, Winterer G

### **The Impact of Loneliness on Late-Life Depression and Anxiety During the COVID-19 Pandemic.**

Am J Geriatr Psychiatry 2025; 33(7): 717-729.

Müller J, Elsaesser M, **Berger R**, Müller W, Hellmich M, Zehender N, Riedel-Heller S, Bewernick BH, Wagner M, Frölich L, Peters O, Domschke K, Jessen F, Hautzinger M, Dafsari FS, Schramm E

### **Contribution of Rare and Potentially Functionally Relevant Sequence Variants in Schizophrenia Risk-Locus Xq28,distal.**

Am J Med Genet B Neuropsychiatr Genet 2025; 198(3).

Claus I, Sivalingam S, Koller AC, Weiß A, Mathey CM, Sindermann L, Klein D, Henschel L, Ludwig KU, Hoffmann P, Heimbach A, Heilmann-Heimbach S, Vedder H, Kammerer-Ciernioch J, Stürmer T, Streit F, Maaser-Hecker A, Nenadić I, Baune BT, Hartmann AM,

Konte B, Giegling I, Heilbronner U, Wagner M, Philipsen A, Schmidt B, Rujescu D, Bunes A, Schulze TG, Rietschel M, Forstner AJ, Nöthen MM, Degenhardt F

**Single-Nucleus Transcriptome Profiling of Dorsolateral Prefrontal Cortex: Mechanistic Roles for Neuronal Gene Expression, Including the 17q21.31 Locus, in PTSD Stress Response.**

Am J Psychiatry 2025; 182(7).

Chatzinakos C, Pernia CD, Morrison FG, Iatrou A, McCullough KM, Schuler H, Snijders C, Bajaj T, DiPietro CP, Estruch MS, Gassen NC, Anastasopoulos C, Bharadwaj RA, Bowlby BC, Hartmann J, Maihofer AX, Nievergelt CM, Ressler NM, Wolf EJ, Carlezon Jr WA Jr, Krystal JH, Kleinman JE, Girgenti MJ, Huber BR, Kellis M, Logue MW, Miller MW, Ressler KJ, Daskalakis NP, Traumatic Stress Brain Res Grp PTSD BrainOmics Project PsychENCODE Consortium PTSD Working Grp Psychiatric Genomics Consortium

**Development of a Curriculum of Basic Competences for Art Therapy With Older People.**

Art Ther. 2025; 42(1): 4-13.

Masuch J, Antwerpen L, Brons S, Gruber H, Hamberger C, Seifert K, Roller-Wirnsberger R, Singler K

**Evaluation of a virtual reality-based office room for a multimodal assessment of adult ADHD.**

BMC Digit Health 2025; 3(1) .

Pakos J, Asche L, Popova A, Heine C, Sanchez D, Aslan B, Selaskowski B, Fuchs M, Ettinger U, Philipsen A, Braun N, Wiebe A

**Help-seeking behavior, treatment barriers and facilitators, attitudes and access to first-line treatment in German adults with obsessive-compulsive disorder.**

BMC Psychiatry 2025; 25(1).

Bey K, Willems S, Dueren AL, Philipsen A, Wagner M

**Associations between patient characteristics and five-year trajectories of anticholinergic drug burden in older adults in German primary care: a prospective observational cohort study.**

BMJ Open 2025; 15(6).

Tajdar D, Westphal J, Lühmann D, Krüger C, Langebrake C, Bickel H, Fuchs A, Gensichen J, König HH, Maier W, Mergenthal K, Riedel-Heller SG, Schön G, Weyerer S, Wiese B, Scherer M, Schäfer I, MultiCare Cohort Study Group

**Cognitive deficits in treatment-resistant depression: protocol for a systematic review and meta-analysis.**

BMJ Open 2025; 15(7).

Ronold EH, Jensen D, Thorsen ALL, Raudeberg R, Oltedal L, Hammar Å, Hirnstein M, Douglas K, Porter R, Kiebs M

**Enhancing early detection and treatment of psychosis in Germany: a protocol for the health economic evaluation of an artificial intelligence-guided complex intervention.**

BMJ Open 2025; 15(6).

Bomhardt T, Peschl J, Schultze-Lutter F, Koutsouleris N, Meisenzahl E, Köberlein-Neu J, **CARE Study Group**

**Beyond Diagnosis: A Better-Than-Expected Approach to Investigating Neural Correlates of Resilience.**

Biol Psychiatry 2025; 97 Suppl S(9).

Hammes V, Brosch K, Usemann P, David F, Stein F, Thomas-Odenthal F, Teutenberg L, Meinert S, Thiel K, Flinkenfluegel K, Goltermann J, Leehr E, Bonnekoh L, Grotegerd D, Hahn T, Straube B, Jamalabadi H, **Krug A**, Dannlowski U, Nenadic I, Miller R, Jansen A, Kircher T, Alexander N

**Assessing Brain Iron and Its Relationship to Cognition and Comorbidity in Children With Attention-Deficit/Hyperactivity Disorder With Quantitative Susceptibility Mapping.**

Biol Psychiatry Cogn Neurosci Neuroimaging 2025; 10(6): 597-606.

**Schulze M**, Coghill D, **Lux S**, **Philipsen A**, Silk T

**Sulcal Depth and Genetic Susceptibility influence initial Treatment Response in Adults with Attention-Deficit/Hyperactivity Disorder.**

Biol Psychiatry Cogn Neurosci Neuroimaging 2025.

**Laatsch J**, David FS, Stein F, Maj C, Forstner AJ, Maier S, Matthies S, Sobanski E, Alm B, Tebartz van Elst L, **Krug A**, **Philipsen A**

**First evaluation of the emotional picture set of self-injury images (EPSI) using psychophysiological and self-report measures.**

Borderline Personal Disord Emot Dysregul 2025; 12(1).

Unterschemmann SL, Mueller EM, **Lux S**, **Philipsen A**, **Schulze M**

**Neural Correlates and Sex-Specific Effects of Affectively Driven Processes Underlying Decision-Making in Adult ADHD.**

Brain Behav 2025; 15(3).

**Halbe E**, Jamieson A, **Bergmann M**, **Mehren A**, Harrison BJ, Davey CG, Stöcker T, **Philipsen A**, **Lux S**

**Disease severity across psychiatric disorders is linked to pro-inflammatory cytokines.**

Brain Behav Immun 2025; 129(): 359-372.

Solomon P, Budde M, Kohshour MO, Adorjan K, Heilbronner M, Navarro-Flores A, Papiol S, Reich-Erkelenz D, **Schulte EC**, Senner F, Vogl T, Kaurani L, Krüger DM, Sananbenesi F, Pena T, Burkhardt S, Schütz AL, Anghelescu IG, Arolt V, Baune BT, Dannlowski U, Dietrich DE, Fallgatter AJ, Figge C, Juckel G, Konrad C, Lang FU, Reimer J, Reininghaus EZ, Schmauß M, Spitzer C, Wiltfang J, Zimmermann J, Fischer A, Falkai P, Schulze TG, Heilbronner U, Poschmann J

**Physical exercise to rebalance kynurenine metabolism in borderline personality disorder - Preliminary findings.**

Brain Behav Immun Health 2025; 47.

Javelle F, Bloch W, **Koppe K**, Krombholz S, Thevis M, **Wanka L**, **Zoche H**, **Philipsen A**, **Mehren A**

**Trans-ancestry genome-wide study of depression identifies 697 associations implicating cell types and pharmacotherapies.**

Cell 2025; 188(3): 640-652.e9.

Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium.

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**Effects of electroconvulsive therapy on hippocampal longitudinal axis and its association with cognitive side effects.**

Commun Med (Lond) 2025; 5(1).

Ousdal OT, Argyelan M, Laroy M, Anand A, Bouckaert F, Camprodon JA, Cano M, Cardoner N, Dannlowski U, Dols A, Emsell L, Espinoza R, Hebbrecht K, Hurlemann R, Jorgensen M, **Kiebs M**, Kishimoto T, Narr KL, Nordanskog P, Opel N, Redlich R, Rhebergen D, Sartorius A, Schrijvers D, Sienaert P, Soriano-Mas C, Takamiya A, Ten Doesschate F, Tendolkar I, Urretavizcaya M, van Diermen L, van Eijndhoven P, van Wingen G, van Waarde J, Vandenbulcke M, Verdijk J, Wade BSC, Antoine Y, Brekke N, Prudic J, McClintock S, Kessler U, Bartsch H, Odegaard K, Haavik J, Hammar Å, Abbott C, Oltedal L

**A public benchmark for human performance in the detection of focal cortical dysplasia.**

Epilepsia Open 2025; 10(3): 778-786.

Walger L, Schmitz MH, Bauer T, Kügler D, Schuch F, Arendt C, Baumgartner T, Birkenheier J, Borger V, Endler C, Grau F, Immanuel C, **Kölle M**, Kupczyk P, Lakghomi A, **Mackert S**, Neuhaus E, Nordsiek J, Odenthal AM, Dague KO, Ostermann L, Pukropski J, Racz A, von der Ropp K, Schmeel FC, **Schrader F**, **Sitter A**, Unruh-Pinheiro A, Voigt M, Vychopen M, von Wedel P, von Wrede R, Attenberger U, Vatter H, **Philipsen A**, Becker A, Reuter M, Hattingen E, Radbruch A, Surges R, Rüber T

**Neural correlates of inattention in adults with ADHD.**

Eur Arch Psychiatry Clin Neurosci 2025; 275(7): 2177-2188.

**Laatsch J**, Stein F, Maier S, Matthies S, Sobanski E, Alm B, Tebartz van Elst L, **Krug A**, **Philipsen A**

**Contrasting genetic burden for bipolar disorder: Early onset versus late onset in an older adult bipolar disorder sample.**

Eur Neuropsychopharmacol 2025; 92(): 29-37.

Montejo L, Sole B, Fico G, Kalman JL, Budde M, Heilbronner U, Oliva V, De Prisco M, Martin-Parra S, Ruiz A, Martinez-Aran A, Adorjan K, Falkai P, Heilbronner M, Kohshour MO, Reich-Erkelenz D, Schaupp SK, **Schulte EC**, Senner F, Vogl T, Anghelescu IG, Arolt V, Baune BT, Dannlowski U, Dietrich DE, Fallgatter AJ, Figge C, Juckel G, Konrad C, Reimer J, Reininghaus EZ, Schmauß M, Wiltfang J, Zimmermann J, Vieta E, Papiol S, Schulze TG, Torrent C

**Efficacy of pharmacogenetic (PGx)-guided antidepressant treatment on functional outcomes and quality of life in adults with anxiety and affective disorders: A systematic review and meta-analysis.**

Eur Neuropsychopharmacol 2025; 100(): 13-23.

Fares-Otero NE, Budde M, **Laatsch J**, Harrer M, Pelgrim T, **Philipsen A**, Heilbronner U,

Vieta E, van Westrhenen R, PSY-PGx Consortium

**THE INFLUENCE OF GENETIC RISK FOR DEPRESSION AND GLUCOCORTICOID STRESS ON TRANSCRIPTOME AND SECRETOME PROFILES OF INDUCED PLURIPOTENT STEM CELL-DERIVED MICROGLIA.**

Eur Neuropsychopharmacol 2025; 99 Suppl 1.

Beins E, Bajaj T, Ebert T, David F, Stein F, Meinert S, Streit F, Pfefferle PI, Hoffmann P, Kircher T, Dannlowski U, Witt S, Nothen M, Gassen N, Forstner AJ

**How to manage non-response using stimulants?**

Eur Psychiatry 2025; 68 Suppl 1(): S57-S57.

Philipsen A

**Research advances and future directions in female ADHD: the lifelong interplay of hormonal fluctuations with mood, cognition, and disease.**

Front Glob Womens Health 2025; 6.

Kooij JJS, de Jong M, Agnew-Blais J, Amoretti S, Bang Madsen K, Barclay I, Bölte S, Borg Skoglund C, Broughton T, Carucci S, van Dijken DKE, Ernst J, French B, Frick MA, Galera C, Groenman AP, Kopp Kallner H, Kerner Auch Koerner J, Kittel-Schneider S, Manor I, Martin J, Matera E, Parlatini V, Philipsen A, Ramos-Quiroga JA, Rapoport IL, Remnélius KL, Sénéquier A, Thorell L, Wittekoek JME, Wynchank D

**Impact of Curcumin on the IL-17A-Mediated p53-Fibrinolytic System: Mouse Proteomics and Integrated Human Fibrosis scRNAseq Insights.**

Inflammation 2025; 48(4): 1957-1973.

Gouda MM, Balaya RDA, Modi PK, Kadri S, Chandrasekaran J, Balnadupete A, Bhandary YP

**Effectiveness of digital cognitive behavioral therapy for insomnia (dCBT-I) - results of a randomized controlled trial (RCT).**

Inn Med (Heidelb) 2025; 66 Suppl 1(): S32-S33.

Zimmer A, Franke V, Feiler M, Balzus L, Etzelmuller A, Guth M, Rentsch A, Ebert DD, Heber E

**OXYTOCIN-AUGMENTED MODULAR-BASED GROUP INTERVENTION FOR LONELINESS: A RANDOMIZED-CONTROLLED TRIAL.**

Int J Neuropsychopharmacol 2025; 28 Suppl 1(): i132-i132.

Hurlemann R, Berger R, Shamay-Tsoory S, Kanterman A, Brausa M, Gorni J, Luhmann M, Schramm E, Schultz J, Philipsen A, Lieberz J, Scheele D

**A Quantitative Comparison Between Human and Artificial Intelligence in the Detection of Focal Cortical Dysplasia.**

Invest Radiol 2025; 60(4): 253-259.

Walger L, Bauer T, Kügler D, Schmitz MH, Schuch F, Arendt C, Baumgartner T, Birkenheier J, Borger V, Endler C, Grau F, Immanuel C, Kölle M, Kupczyk P, Lakghomi A, Mackert S, Neuhaus E, Nordsiek J, Odenthal AM, Dague KO, Ostermann L, Pukropski J, Racz A, von der Ropp K, Schmeel FC, Schrader F, Sitter A, Unruh-Pinheiro A, Voigt M, Vychopen M, von Wedel P, von Wrede R, Attenberger U, Vatter H, Philipsen A, Becker A, Reuter M,

Hattingen E, Sander JW, Radbruch A, Surges R, Rüber T

**Mobile App-Guided Exposure Therapy for Panic Disorder With and Without Agoraphobia: Randomized Controlled Trial.**

J Med Internet Res 2025; 27.

[Guth M](#), [Wiebe A](#), [Ekhlash-Schumann M](#), [Rodenjohann A](#), [Rohlfesen F](#), [Buchholz J](#), [Selaskowski B](#), [Philipsen A](#), [Braun N](#)

**Dopamine and Temporal Discounting: Revisiting Pharmacology and Individual Differences.**

J Neurosci 2025; 45(49).

Smith E, Theis H, van Eimeren T, [Knauth K](#), Tuzsus D, Zhang L, Mathar D, Peters J

**Acute high-fat high-sugar diet rapidly increases blood-brain barrier permeability in mice.**

J Nutr Health Aging 2025; 29(7).

Leidmaa E, Zimmer A, Stein V, [Gellner AK](#)

**Assessment of sense of agency in obsessive-compulsive disorder using a virtual reality stove-checking paradigm.**

J Obsessive Compuls Relat Disord 2025; 45.

[Grossmann A](#), [Wiebe A](#), [Edlinger N](#), [Philipsen A](#), [Braun N](#), [Bey K](#)

**Automated Analysis of Relative Fundamental Frequency in Continuous Speech: Development and Comparison of Three Processing Pipelines.**

J Voice 2025.

[Berardi M](#), Tippit E, Gao Y, DeSouza GN, [Dietrich M](#)

**Experiment-based calibration in psychology: Foundational and data-generating model.**

J. Math. Psychol. 2025; 127.

[Bach DR](#)

**Early Treatment With Intravenous Immunoglobulins and Outcomes of Patients With Anti-IgLON5 Disease.**

JAMA Neurol 2025; 82(10): 1040-1047.

Grüter T, Gaig C, Crijnen YS, Titulaer MJ, Sabater L, Heidebreder A, Dargvainiene J, Tietz A, Kovac S, Dik A, Erro ME, Lewerenz J, Kraft A, Seifert F, Höftberger R, Thaler FS, de Azevedo L, Wickel J, de Vries JM, Boon AJW, van Steenhoven RW, Gold R, Wandinger KP, Kuhlenbäumer G, Dalmau JO, Leypoldt F, Graus F, Ayzenberg I, [Anti-IgLON5 Disease Study Group](#)

**Observer-Independent Assessment of Content Overlap in Mental Health Questionnaires: Large Language Model-Based Study.**

JMIR AI 2025; 4.

Böke A, Hacker H, Chakraborty M, Baumeister-Lingens L, Vöckel J, Koenig J, [Vogel DH](#), Lichtenstein TK, Vogeley K, Kambeitz-Ilankovic L, Kambeitz J

**Comparative efficacy and acceptability of pharmacological, psychological, and neurostimulatory interventions for ADHD in adults: a systematic review and component network meta-analysis.**

Lancet Psychiatry 2025; 12(1): 32-43.

Ostinelli EG, **Schulze M**, Zangani C, Farhat LC, Tomlinson A, Del Giovane C, Chamberlain SR, **Philipsen A**, Young S, Cowen PJ, Bilbow A, Cipriani A, Cortese S

**Integrative analysis of miRNA expression profiles reveals distinct and common molecular mechanisms underlying broad diagnostic groups of severe mental disorders.**

Mol Psychiatry 2025; 30(9): 4364-4383.

Solomon P, Kaurani L, Budde M, Guiné JB, Krüger DM, Riquin K, Pena T, Burkhardt S, Fourgeux C, Adorjan K, Heilbronner M, Kalman JL, Kohshour MO, Papiol S, Reich-Erkelenz D, Schaupp SK, **Schulte EC**, Senner F, Vogl T, Anghelescu IG, Arolt V, Baune BT, Dannlowski U, Dietrich DE, Fallgatter AJ, Figge C, Juckel G, Konrad C, Reimer J, Reininghaus EZ, Schmauß M, Spitzer C, Wiltfang J, Zimmermann J, Schütz AL, Sananbenesi F, Sauvaget A, Falkai P, Schulze TG, Fischer A, Heilbronner U, Poschmann J

**Regional brain morphology and current antidepressant use: findings from 32 international cohorts from the ENIGMA major depressive disorder working group.**

Mol Psychiatry 2025; 30(12): 5625-5636.

Serrarens C, Toenders YJ, Pozzi E, Aleman A, Alexander N, Başgöze Z, Belov V, Berger K, Brosch K, Bülow R, Busatto GF, Capitão LP, Connolly CG, Couvy-Duchesne B, Cullen KR, Dannlowski U, Davey CG, de Zubicaray GI, Dima D, Dohm K, Enneking V, Erwin-Grabner T, Evermann U, Fu CHY, Fuentes-Claramonte P, Godlewska BR, Gonul AS, Gotlib IH, Goya-Maldonado R, Grabe HJ, Groenewold NA, Grotegerd D, Gruber O, Hahn T, Hall G, Harrison BJ, Heindel W, Hermesdorf M, Ho TC, Ichikawa N, Itai E, Jahanshad N, Jamalabadi H, Jamieson AJ, Jansen A, Kircher T, Klimes-Dougan B, Krämer B, **Krug A**, Lancaster TM, Leehr EJ, Li M, Linden DEJ, MacMaster F, McMahon KL, Medland SE, Mehler DMA, Meinert S, Mwangi B, Nenadić I, Okada G, Okamoto Y, Opel N, Pfarr JK, Pomarol-Clotet E, Portella MJ, Redlich R, Reneman L, Repple J, Ringwald K, Rodriguez-Cano E, Rosa PGP, Sacchet MD, Sämann PG, Salvador R, Schrantz A, Shinzato H, Sim K, Simulionyte E, Soares JC, Stein DJ, Stein F, Straube B, Strike LT, Thomas-Odenthal F, Thomopoulos SI, Thompson PM, van Tol MJ, Usemann P, Uyar A, van der Wee N, van der Werff S, Vives-Gilabert Y, Völzke H, Walter M, Whittle S, Wittfeld K, Wroblewski A, Wu MJ, Yang TT, Zunta-Soares GB, Veltman DJ, Schmaal L, van Velzen LS

**Transdiagnostic types of formal thought disorder and their association with gray matter brain structure: a model-based cluster analytic approach.**

Mol Psychiatry 2025; 30(9): 4286-4295.

Stein F, Gudjons AM, Brosch K, Keunecke LM, Pfarr JK, Teutenberg L, Thomas-Odenthal F, Usemann P, Wersching H, Wroblewski A, Flinkenflügel K, Goltermann J, Grotegerd D, Meinert S, Thiel K, Winter A, Alexander N, Hahn T, Jamalabadi H, Jansen A, **Krug A**, Nenadić I, Straube B, Dannlowski U, Kircher T

**Neural correlates of human fear conditioning and sources of variability in 2199 individuals.**

Nat Commun 2025; 16(1).

Radua J, Savage HS, Vilajosana E, Jamieson A, Abler B, Åhs F, Beckers T, Cardoner N, Cisler JM, Diniz JB, **Bach DR**, Elsenbruch S, Greening SG, Holt DJ, Kaczurkin AN, Keil A,

Kindt M, Koch K, LaBar KS, Lam CL, Larson CL, Lonsdorf TB, Merz CJ, McLaughlin KA, Neria Y, Pine DS, van Reekum CM, Shackman AJ, Soriano-Mas C, Spoomaker VI, Stout DM, Straube B, Straube T, Tuominen L, Visser RM, Ahumada L, Arolt V, Batistuzzo MC, Bazán PR, Biggs EE, Cano M, Chavarría-Elizondo P, Cooper SE, Dannlowski U, de la Peña-Arteaga V, DeCross SN, Domschke K, Ehlers MR, Graner JL, Hamm AO, Herrmann MJ, Huggins AA, Icenhour A, Juaneda-Seguí A, Junghoefer M, Kircher T, Koelkebeck K, Kuhn M, Labrenz F, Lissek SM, Lotze M, Lueken U, Margraf J, Martínez-Zalacaín I, Moeck R, Morriss J, Ortuño M, Pittig A, Porta-Casteras D, Richter J, Ridderbusch IC, Rief W, Roesmann K, Rosén J, Rußmann AN, Sjouwerman R, Spohrs J, Ströhle A, Suarez-Jimenez B, Ulrich M, Wittchen HU, Zhu X, Waller L, Walter H, Thompson PM, Bas-Hoogendam JM, Groenewold NA, J Stein D, Van der Wee NJ, Dunsmoor JE, Marquand AF, J Harrison B, Fullana MA

### **Genome-wide analyses identify 30 loci associated with obsessive-compulsive disorder.**

Nat Genet 2025; 57(6): 1389-1401.

Strom NI, Gerring ZF, Galimberti M, Yu D, Halvorsen MW, Abdellaoui A, Rodriguez-Fontenla C, Sealock JM, Bigdeli T, Coleman JR, Mahjani B, Thorp JG, **Bey K**, Burton CL, Luyck JJ, Zai G, Alemany S, Andre C, Askland KD, Bäckman J, Banaj N, Barlassina C, Nissen JB, Bienvenu OJ, Black D, Bloch MH, Børte S, Bosch R, Breen M, Brennan BP, Brentani H, Buxbaum JD, Bybjerg-Grauholm J, Byrne EM, Cabana-Dominguez J, Camarena B, Camarena A, Cappi C, Carracedo A, Casas M, Cavallini MC, Ciullo V, Cook EH, Crosby J, Cullen BA, De Schipper EJ, Delorme R, Djurovic S, Elias JA, Estivill X, Falkenstein MJ, Fundin BT, Garner L, Gironda C, Goes FS, Grados MA, Grove J, Guo W, Haavik J, Hagen K, Harrington K, Havdahl A, Höffler KD, Hounie AG, Hucks D, Hultman C, Janecka M, Jenike E, Karlsson EK, Kelley K, Klawohn J, Krasnow JE, Krebs K, Lange C, Lanzagorta N, Levey D, Lindblad-Toh K, Macciardi F, Maher B, Mathes B, McArthur E, McGregor N, McLaughlin NC, Meier S, Miguel EC, Mulhern M, Nestadt PS, Nurmi EL, O'Connell KS, Osiecki L, Ousdal OT, Palviainen T, Pedersen NL, Piras F, Piras F, Potluri S, Rabionet R, Ramirez A, Rauch S, Reichenberg A, Riddle MA, Ripke S, Rosário MC, Sampaio AS, Schiele MA, Skogholt AH, Sloofman LG, Smit J, Artigas MS, Thomas LF, Tift E, Vallada H, van Kirk N, Veenstra-VanderWeele J, Vulink NN, Walker CP, Wang Y, Wendland JR, Winsvold BS, Yao Y, Zhou H, Estonian Biobank, 23andMe Inc., Agrawal A, Alonso P, Berberich G, Bucholz KK, Bulik CM, Cath D, Denys D, Eapen V, Edenberg H, Falkai P, Fernandez TV, Fyer AJ, Gaziano JM, Geller DA, Grabe HJ, Greenberg BD, Hanna GL, Hickie IB, Hougaard DM, Kathmann N, Kennedy J, Lai D, Landén M, Hellard SL, Leboyer M, Lochner C, McCracken JT, Medland SE, Mortensen PB, Neale BM, Nicolini H, Nordentoft M, Pato M, Pato C, Pauls DL, Piacentini J, Pittenger C, Posthuma D, Ramos-Quiroga JA, Rasmussen SA, Richter MA, Rosenberg DR, Ruhrmann S, Samuels JF, Sandin S, Sandor P, Spalletta G, Stein DJ, Stewart SE, Storch EA, Stranger BE, Turiel M, Werge T, Andreassen OA, Børglum AD, Walitza S, Hveem K, Hansen BK, Rück C, Martin NG, Milani L, Mors O, Reichborn-Kjennerud T, Ribasés M, Kvale G, Mataix-Cols D, Domschke K, Grünblatt E, **Wagner M**, Zwart JA, Breen G, Nestadt G, Kaprio J, Arnold PD, Grice DE, Knowles JA, Ask H, Verweij KJ, Davis LK, Smit DJ, Crowley JJ, Scharf JM, Stein MB, Gelernter J, Mathews CA, Derks EM, Mattheisen M

### **Genome-wide association study of long COVID.**

Nat Genet 2025; 57(6): 1402-1417.

Lammi V, Nakanishi T, Jones SE, Andrews SJ, Karjalainen J, Cortés B, O'Brien HE, Ochoa-Guzman A, Fulton-Howard BE, Broberg M, Haapaniemi HH, Kanai M, Pirinen M, Schmidt A, Mitchell RE, Mousas A, Mangino M, Huerta-Chagoya A, Sinnott-Armstrong N, Cirulli ET, Vaudel M, Kwong ASF, Maiti AK, Marttila MM, Posner DC, Rodriguez AA, Batini C, Minnai F, Dearman AR, Warmerdam CAR, Sequeros CB, Winkler TW, Jordan DM, Rešcenko R, Miano

L, Lane JM, Chung RK, Guillen-Guio B, Leavy OC, Carvajal-Silva L, Aguilar-Valdés K, Frangione E, Guare L, Vergasova E, Marouli E, Striano P, Zainulabid UA, Kumar A, Ahmad HF, Edahiro R, Azekawa S, Long COVID Host Genetics Initiative , FinnGen , VA Million Veteran Program , MexGen-COVID Initiative , DBDS Genomic Consortium , GEN-COVID Multicenter Study , PHOSP-COVID Collaborative Group , GENCOV Study , Estonian Biobank Research Team , Luoh SW, Erikstrup C, Pedersen OBV, Lerner-Ellis J, Colombo A, Grzymalski JJ, Ishii M, Okada Y, Beckmann ND, Kumari M, Wagner R, Heid IM, John C, Short PJ, Magnus P, Anson L, Valenti LVC, Lee SA, Wain LV, Verdugo RA, Banasik K, Geller F, Franke LH, Rakitko A, Duncan EL, Renieri A, Tsilidis KK, de Cid R, Niavarani A, Abner E, Tusié-Luna T, Verma SS, Smith GD, Timpson NJ, Madduri RK, Cho K, Daly MJ, Ganna A, **Schulte EC**, Richards JB, Ludwig KU, Marks-Hultström M, Zeberg H, Ollila HM

### **Genomics yields biological and phenotypic insights into bipolar disorder.**

Nature 2025; 639(8056): 968-975.

O'Connell KS, Koromina M, van der Veen T, Boltz T, David FS, Yang JMK, Lin KH, Wang X, Coleman JRI, Mitchell BL, McGrouther CC, Rangan AV, Lind PA, Koch E, Harder A, Parker N, Bendl J, Adorjan K, Agerbo E, Albani D, Alemany S, Alliey-Rodriguez N, Als TD, Andlauer TFM, Antoniou A, Ask H, Bass N, Bauer M, Beins EC, Bigdeli TB, Pedersen CB, Boks MP, Børte S, Bosch R, Brum M, Brumpton BM, Brunkhorst-Kanaan N, Budde M, Bybjerg-Grauholm J, Byerley W, Cabana-Domínguez J, Cairns MJ, Carpiello B, Casas M, Cervantes P, Chatzinakos C, Chen HC, Clarence T, Clarke TK, Claus I, Coombes B, Corfield EC, Cruceanu C, Cuellar-Barboza A, Czerski PM, Dafnas K, Dale AM, Dalkner N, Degenhardt F, DePaulo JR, Djurovic S, Drange OK, Escott-Price V, Fanous AH, Fellendorf FT, Ferrier IN, Forty L, Frank J, Frei O, Freimer NB, Fullard JF, Garnham J, Gizer IR, Gordon SD, Gordon-Smith K, Greenwood TA, Grove J, Guzman-Parra J, Ha TH, Hahn T, Haraldsson M, Hautzinger M, Havdahl A, Heilbronner U, Hellgren D, Herms S, Hickie IB, Hoffmann P, Holmans PA, Huang MC, Ikeda M, Jamain S, Johnson JS, Jonsson L, Kalman JL, Kamatani Y, Kennedy JL, Kim E, Kim J, Kittel-Schneider S, Knowles JA, Kogevinas M, Kranz TM, Krebs K, Kushner SA, Lavebratt C, Lawrence J, Leber M, Lee HJ, Liao C, Lucae S, Lundberg M, MacIntyre DJ, **Maier W**, Maihofer AX, Malaspina D, Manchia M, Maratou E, Martinsson L, Mattheisen M, McGregor NW, McInnis MG, McKay JD, Medeiros H, Meyer-Lindenberg A, Millischer V, Morris DW, Moutsatsou P, Mühleisen TW, O'Donovan C, Olsen CM, Panagiotaropoulou G, Papiol S, Pardiñas AF, Park HY, Perry A, Pfennig A, Pisanu C, Potash JB, Quedsted D, Rapaport MH, Regeer EJ, Rice JP, Rivera M, Schulte EC, Senner F, Shadrin A, Shilling PD, Sigurdsson E, Sindermann L, Sirignano L, Siskind D, Slaney C, Sloofman LG, Smeland OB, Smith DJ, Sobell JL, Soler Artigas M, Stein DJ, Stein F, Su MH, Sung H, Świątkowska B, Terao C, Tesfaye M, Tesli M, Thorgeirsson TE, Thorp JG, Toma C, Tondo L, Tooney PA, Tsai SJ, Tsermpini EE, Vawter MP, Vedder H, Vreeker A, Walters JTR, Winsvold BS, Witt SH, Won HH, Ye R, Young AH, Zandi PP, Zillich L, 23andMe Research Team , Adolfsson R, Alda M, Alfredsson L, Backlund L, Baune BT, Bellivier F, Bengesser S, Berrettini WH, Biernacka JM, Boehnke M, Børghlum AD, Breen G, Carr VJ, Catts S, Cichon S, Corvin A, Craddock N, Dannlowski U, Dikeos D, Etain B, Ferentinos P, Frye M, Fullerton JM, Gawlik M, Gershon ES, Goes FS, Green MJ, Grigoriou-Serbanescu M, Hauser J, Henskens FA, Hjerling-Leffler J, Hougaard DM, Hveem K, Iwata N, Jones I, Jones LA, Kahn RS, Kelsoe JR, Kircher T, Kirov G, Kuo PH, Landén M, Leboyer M, Li QS, Lissowska J, Lochner C, Loughland C, Luykx JJ, Martin NG, Mathews CA, Mayoral F, McElroy SL, McIntosh AM, McMahon FJ, Medland SE, Melle I, Milani L, Mitchell PB, Morken G, Mors O, Mortensen PB, Müller-Myhsok B, Myers RM, Myung W, Neale BM, Nievergelt CM, Nordentoft M, Nöthen MM, Nurnberger JI, O'Donovan MC, Oedegaard KJ, Olsson T, Owen MJ, Paciga SA, Pantelis C, Pato CN, Pato MT, Patrinos GP, Pawlak JM, Ramos-Quiroga JA, Reif A, Reininghaus EZ, Ribasés M, Rietschel M, Ripke S, Rouleau GA, Roussos P, Saito T, Schall

U, Schalling M, Schofield PR, Schulze TG, Scott LJ, Scott RJ, Serretti A, Smoller JW, Squassina A, Stahl EA, Stefansson H, Stefansson K, Stordal E, Streit F, Sullivan PF, Turecki G, Vaaler AE, Vieta E, Vincent JB, Waldman ID, Weickert CS, Weickert TW, Werge T, Whiteman DC, Zwart JA, Edenberg HJ, McQuillin A, Forstner AJ, Mullins N, Di Florio A, Ophoff RA, Andreassen OA, Bipolar Disorder Working Group of the Psychiatric Genomics Consortium

**[Digital health applications (DiGAs) in mental illnesses-Expectations, evidence and practical utility].**

Nervenarzt 2025; 96(5): 421-422.

**Philipsen A**

**[Genetic diagnostics of mental health disorders in adulthood].**

Nervenarzt 2025; 96(4): 386-395.

**Kilarski LL**, Claus I, Binder EB, Degenhardt F, Domschke K, Forstner AJ, Grabe HJ, Heilbronner U, Müller D, Nöthen MM, Radtke F, Rietschel M, Schulze TG, Streit F, Tebartz van Elst L, Tüscher O, Deckert J, **Schulte EC**, das Referat Genetische, Molekulare, Zelluläre Neurowissenschaften der DGPPN

**[Starting shot for the "new" Der Nervenarzt: interdisciplinary psychiatry].**

Nervenarzt 2025; 96(1): 1-2.

Schneider F, Arolt V, Bauer M, Domschke K, **Philipsen A**, Voderholzer U

**[Therapy and healthcare applications in the treatment of adult attention deficit hyperactivity disorder: a review].**

Nervenarzt 2025; 96(5): 451-457.

**Atzor MC, Jung L, Selaskowski B, Pensel M, Lux S, Philipsen A, Braun N, Guth M**

**Dose-response effects of exogenous oxytocin on social cognition: A systematic review.**

Neurosci Biobehav Rev 2025; 178.

Barton S, Pruin A, Schulze J, **Kiebs M**, Scheele D, Hurlemann R

**Clinical safety and pharmacokinetics of a novel oral niclosamide formulation compared with marketed niclosamide chewing tablets in healthy volunteers: A three-part randomized, double-blind, placebo-controlled trial.**

PLoS ONE 2025; 20(2).

Walther N, Schultz-Heienbrok R, Staß H, Corman VM, **Gassen NC**, Müller MA, Drosten C, Witzentrath M, Lee H, Posch MG

**Divergent psychological stress response patterns to the COVID-19 pandemic in psychiatric patients with vs. without PTSD: A real-world exploratory study.**

PLoS ONE 2025; 20(4).

Treptow M, Bartels C, Ruhleder M, Kratzenberg A, Reh-Bergen T, Abdel-Hamid M, Heß L, Signerski-Krieger J, Radenbach K, Schott BH, Wiltfang J, Wolff-Menzler C, **Schmidt U**, Belz M

**Transdiagnostic types of formal thought disorder and their association with gray matter brain structure: a model-based cluster analytic approach.**

Pharmacopsychiatry 2025; 58(3): 140-141.

Authors SF, Gudjons AM, Brosch K, Keunecke LM, Pfarr JK, Teutenberg L, Thomas-Odenthal F, Usemann P, Wersching H, Wroblewski A, Flinkenfluegel K, Goltermann J, Grotegerd D, Meinert S, Thiel K, Winter A, Alexander N, Hahn T, Jamalabadi H, Jansen A, **Krug A**, Nenadic , Straube B, Dannlowski U, Kircher T

**How variants in inflammatory mediator genes influence symptom severity of psychiatric disorders: Findings from the PsyCourse study.**

Psychiatry Res 2025; 348.

Oraki Kohshour M, Adorjan K, Budde M, Heilbronner M, Kalman JL, Navarro-Flores A, Reich-Erkelenz D, **Schulte EC**, Senner F, Vogl T, Anghelescu IG, Arolt V, Baune BT, Dannlowski U, Dietrich DE, Fallgatter AJ, Figge C, Lang FU, Juckel G, Konrad C, Reimer J, Reininghaus EZ, Schmauß M, Schmitt A, Spitzer C, Wiltfang J, Zimmermann J, Falkai P, Heilbronner U, Papiol S, Schulze TG

**Effects of lorazepam on saccadic eye movements - evidence from prosaccade and free viewing tasks.**

Psychopharmacology (Berl) 2025; 242(2): 271-284.

Baumert PM, Faßbender K, Wintergerst MWM, Terheyden JH, **Aslan B**, Foulsham T, Harmening W, Ettinger U

**Fronto-Thalamic Structural Connectivity Associated With Schizotypy, a Psychosis Risk Phenotype, in Nonclinical Subjects.**

Schizophr Bull 2025; 51(Supplement\_2): S137-S148.

Nenadić I, Mosebach J, Schmitt S, Meller T, Stein F, Brosch K, Ringwald K, Pfarr JK, Meinert S, Lemke H, Waltemate L, Thiel K, Opel N, Repple J, Grotegerd D, Steinsträter O, Sommer J, Hahn T, Jansen A, Dannlowski U, **Krug A**, Kircher T

**ADHD traits and financial decision making in stock trading.**

Sci Rep 2025; 15(1).

**Witry M**, **Schulze M**, **Braun N**, **Rohner H**, Weller J, **Müller P**, **Philipsen A**, **Kölle M**

**Daytime sleepiness and health-related quality of life in patients with childhood-onset craniopharyngioma.**

Sci Rep 2025; 15(1).

Mann-Markutzyk LV, Beckhaus J, Özyurt J, **Mehren A**, Friedrich C, Müller HL

**Machine learning based seizure classification and digital biosignal analysis of ECT seizures.**

Sci Rep 2025; 15(1).

**Kayser M**, Hurlermann R, **Philipsen A**, Freundlieb N, **Kiebs M**

**Cortical gyrification predicts initial treatment response in adults with ADHD.**

Transl Psychiatry 2025; 15(1).

**Laatsch J**, Stein F, Maier S, Matthies S, Sobanski E, Alm B, Tebartz van Elst L, **Krug**

## **A, Philipsen A**

### **Investigating the association of the plasma lipidomic profile with cognitive performance and genetic risk in the PsyCourse study.**

Transl Psychiatry 2025; 15(1).

Oraki Kohshour M, Papiol S, Tkachev A, Stekolshchikova E, Adorjan K, Budde M, Heilbronner U, Heilbronner M, Kalman JL, Reich-Erkelenz D, K Schaupp S, Senner F, Vogl T, Wiltfang J, Reininghaus EZ, Juckel G, Dannlowski U, Fallgatter AJ, Spitzer C, Schmauß M, von Hagen M, Falkai P, Khaitovich P, Schulze TG, **Schulte EC**

### **Neurobiological correlates of schizophrenia-specific and highly pleiotropic genetic risk scores for neuropsychiatric disorders.**

Transl Psychiatry 2025; 15(1).

Federmann LM, **Sindermann L**, Primus S, Raimondo F, Oexle K, Goltermann J, Winkelmann J, Nöthen MM, Amunts K, Mühleisen TW, Cichon S, Eickhoff SB, Hoffstaedter F, Dannlowski U, Patil KR, Forstner AJ

### **Transdiagnostic alterations in white matter microstructure associated with suicidal thoughts and behaviours in the ENIGMA Suicidal Thoughts and Behaviours consortium.**

Transl Psychiatry 2025; 15(1).

van Velzen LS, Colic L, Ceja Z, Dauvermann MR, Villa LM, Savage HS, Toenders YJ, Dehestani N, Zhu AH, Campos AI, Salminen LE, Alda M, Agartz I, Alexander N, Ayesa-Arriola R, Ballard ED, Banaj N, Barkhau C, Başgöze Z, Bauer J, Benedetti F, Berger K, Besteher B, Brosch K, Canal-Rivero M, Cervenka S, Colle R, Connolly CG, Corruble E, Courtet P, Couvy-Duchesne B, Crespo-Facorro B, Cullen KR, Dannlowski U, Deverdun J, Diaz-Zuluaga AM, Dietze LMF, Evans JW, Fani N, Flinkenflügel K, Friedman NP, Gotlib IH, Groenewold NA, Grotegerd D, Hajek T, Hatoum AS, Hermesdorf M, Hickie IB, Hirano Y, Ho TC, Ikemizu Y, Iorfino F, Ipser JC, Isobe Y, Jackowski AP, Jollant F, Kircher T, Klug M, Koopowitz SM, Kraus A, **Krug A**, Le Bars E, Leehr EJ, Li M, Lippard ETC, Lopez-Jaramillo C, Maximov II, McIntosh AM, McLaughlin KA, McWhinney SR, Meinert S, Melloni E, Mitchell PB, Mwangi B, Nenadić I, Nerland S, Olie E, Ortiz-García de la Foz V, Pan PM, Pereira F, Piras F, Piras F, Poletti S, Reineberg AE, Roberts G, Romero-García R, Sacchet MD, Salum GA, Sandu AL, Sellgren CM, Shimizu E, Smolker HR, Soares JC, Steele JD, Stein F, Stein DJ, Straube B, Teutenberg L, Thomas-Odenthal F, Usemann P, Valabregue R, Valencia-Echeverry J, Wagner G, Waiter G, Walter M, Whalley HC, Wu MJ, Yang TT, Zarate CA, Zugman A, Zunta-Soares GB, van Heeringen K, van Rooij SJH, van der Wee N, van der Werff S, Thompson PM, Blumberg HP, van Harmelen AL, Rentería ME, Jahanshad N, ENIGMA Suicidal Thoughts and Behaviours Consortium, Schmaal L

### **Working memory load-dependent modulation of neural activity predicts response to cognitive behavioral therapy in obsessive-compulsive disorder.**

Transl Psychiatry 2025; 15(1).

Heinzel S, Kaufmann C, Grützmann R, Elsner B, Reuter B, Klawohn J, Riesel A, **Bey K, Wagner M**, Kathmann N

### **A mechanism-based group psychotherapy approach to aggressive behavior (MAAP) in borderline personality disorder: a multicenter randomized controlled clinical trial.**

Trials 2025; 26(1).

Sigrist C, Bechdorf A, Bertsch K, Bullenkamp R, Busse M, **Darrelmann UG**, Dempfle A, Driessen M, Frodl T, Kersting JM, Kesik J, Matzke B, Neukel C, Niessen E, Nüchel S, Oertel V, Padberg F, **Philipsen A**, Pink D, Reif A, Reinhard M, Steuwe C, Wolkenstein L, Herpertz SC, Consortium TM

### **Changes in ICD-11.**

Verhaltenstherapie 2025; 34(3-4): 117-117.

#### **Philipsen A**

Obsessive-Compulsive Spectrum Disorders in ICD-11.

Verhaltenstherapie 2025; 35(1).

#### **Bey K**

### **PSY-PGx: a new intervention for the implementation of pharmacogenetics in psychiatry.**

World Psychiatry 2025; 24(1): 141-142.

van Westrhenen R, Young AH, Heilbronner U, Juruena M, Ingelman-Sundberg M, Jukic M, Kaprio J, Kas MJH, Moldovan R, Nöthen MM, **Philipsen A**, Shomron N, Van der Eycken E, Vieta E, Schulze TG, PSY-PGx Consortium

### **Lifestyle, Early-life, and Genetic Health Risk Factors Underlying the Brain Age Gap: A Mega-Analysis Across 3,934 Individuals from the ENIGMA MDD Consortium.**

bioRxiv 2025

Han LKM, Toenders YJ, Shen X, Milaneschi Y, Whalley HC, Sämann PG, Andlauer T, Bauer J, Berger K, Borgers T, Cole JH, Dannlowski U, Flinkenflügel K, Grabe HJ, Gruber O, Hahn T, Hamilton PJ, Hatton SN, Hermesdorf M, Hickie I, Homann J, Kircher TJ, Krämer B, Kraus A, **Krug A**, Lill CM, Medland SE, Meinert S, Panzenhagen A, Penninx BWJH, van der Wee NJA, van Tol MJ, Völker U, Völzke H, Weihs A, Wittfeld K, Thomopoulos SI, Jahanshad N, Thompson PM, Pozzi E, Schmaal L

### **A cross-disorder analysis of CNVs finds novel loci and dose-dependent relationships of genes to psychiatric traits.**

medRxiv 2025.

Shanta O, Klein M, Sacks M, MacDonald JR, Maihofer A, Ahangari M, Engchuan W, Thiruvahindrapuram B, Guevara J, Hong O, Huguet G, Søndersby I, Kalyuzhny M, Adams MJ, Adolfsson R, Agartz I, Aiello AE, Alda M, Allardyce J, Amstadter AB, Andlauer TFM, Andreassen OA, Artigas MS, Austin SB, Ayub M, Baker DG, Bass N, Baune BT, Bayas M, Berger K, Biernacka JM, Bigdeli T, Bisson JI, Blackwood D, Boks M, Braff D, Branon E, Breen G, Brueckl T, Bryant RA, Bulik CM, Buxbaum J, Cairns MJ, Caldas-de-Almeida JM, Campbell M, Champion D, Carr VJ, Castela E, Chaumette B, Cichon S, Cohen D, Corvin A, Craddock N, Crosbie J, Czamara D, Dannlowski U, Degenhardt F, Delahanty DL, Dempfle A, Desachy G, Di Florio A, Dickerson FB, Djurovic S, Domschke K, Douglas L, Drange OK, Duncan LE, Edenberg HJ, Esko T, Faraone S, Feeny NC, Forstner AJ, Franke B, Frye M, Fu DJ, Fullerton JM, Gareeva A, Garvert L, Gatt JM, Gejman P, Geschwind DH, Giegling I, Glatt SJ, Glessner J, Goes FS, Gordon-Smith K, Grabe H, Green MJ, Green MF, Greenwood T, Grigoriu-Serbanescu M, Gur RE, Gur RC, Guzman-Parra J, Haavik J, Hahn T, Hakonarson H, Hallmayer J, Hamshere ML, Hartmann AM, Hassan A, Hayward C, Hebebrand J, Hemmings SMJ, Herms S, Herrera-Rivero M, Hinney A, Homuth G, Ingason A, Ito LT, Iwata N, Jones I, Jones LA, Jonsson L, Jönsson EG, Kahn RS, Karlsson R, Kaufman ML, Kelsoe

JR, Kennedy JL, King A, Kircher T, Kirov G, Knappskog P, Knowles JA, Kobayashi N, Koenen KC, Konte B, Korgaonkar M, Kowalec K, Krebs MO, Landén M, Laurent-Levinson C, Lebois LA, Levinson D, Lewis C, Li Q, Liberzon I, Light G, Loo SK, Lu Y, Lucae S, Marmar C, Martin NG, Mayoral F, McIntosh AM, McLaughlin KA, McLean SA, McQuillin A, Medland SE, Meyer-Lindenberg A, Milanova V, Mitchell PB, Molina E, Mowry B, Muller-Myhsok B, Mullins N, Murray R, Nöthen MM, Nurnberger JI, O'Connell KS, Ophoff RA, Orcutt HK, Owen MJ, Palotie A, Pato C, Pato M, Pawlak J, Peters T, Petryshen TL, Pistis G, Potash JB, Powell J, Preisig M, Quedsted D, Ramos-Quiroga JA, Reif A, Ressler KJ, Ribasés M, Rietschel M, Risbrough VB, Rivera M, Rothbaum AO, Rothbaum BO, Rujescu D, Saito T, Sanders AR, Schachar RJ, Schofield PR, **Schulte EC**, Schulze TG, Scott LJ, Seedat S, Sheerin C, Shi J, Sklar P, Smalley S, Smeland OB, Smoller JW, Sonuga-Barke E, Clair DS, Steen NE, Stein D, Stein F, Stein MB, Streit F, Swerdlow N, Thibaut F, Thygesen JH, Timerbulatov I, Toma C, Trapido E, Tremblay M, Tsuang MT, Uddin M, Vawter MP, Vincent JB, Völzke H, Walters JT, Weickert CS, Weiss LA, Weissman MM, Werge T, Witt SH, Xavier M, Yolken R, Young RM, Zayats T, Zoellner LA, AGP Consortium , PEIC Psychosis Endophenotypes International Consortium , ADHD Working Group of the Psychiatric Genomics Consortium , Autism Working Group of the Psychiatric Genomics Consortium , Bipolar Disorder Working Group of the Psychiatric Genomics Consortium , Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium , PTSD Working Group of the Psychiatric Genomics Consortium , Schizophrenia Working Group of the Psychiatric Genomics Consortium , CNV Working Group of the Psychiatric Genomics Consortium , Kendall K, Riley B, Wray NR, O'Donovan MC, Sullivan PF, Sanchez-Roige S, Nievergelt CM, Jacquemont S, Scherer SW, Sebat J

### **Immune, Developmental, and Synaptic Pathways Define Bipolar Disorder Clinical Heterogeneity.**

medRxiv 2025

van der Veen T, Tesfaye M, Yang JMK, Boltz T, David FS, Crinion S, Koromina M, Andlauer TFM, Bigdeli TB, Coombes BJ, Greenwood TA, Panagiotaropoulou G, Parker N, Sung H, Bass N, Coleman JRI, Guzman-Parra J, Kalman JL, McGrouther CC, Mitchell BL, Rangan AV, Scott K, Shadrin A, Smith DJ, Vreeker A, Adorjan K, Albani D, Alemany S, Alliey-Rodriguez N, Antoniou A, Bauer M, Beins EC, Boks MP, Bosch R, Brumpton BM, Brunkhorst-Kanaan N, Budde M, Byerley W, Cabana-Domínguez J, Cairns MJ, Carpiello B, Casas M, Cervantes P, Chatzinakos C, Clarke TK, Claus I, Cruceanu C, Cuellar-Barboza A, Czerski PM, Dafnas K, Dale AM, Dalkner N, DePaulo JR, Degenhardt F, Djurovic S, Escott-Price V, Fanous AH, Fellendorf FT, Ferrier IN, Forty L, Frank J, Frei O, Freimer NB, Garnham J, Gizer IR, Gordon SD, Gordon-Smith K, Hahn T, Marian L, Harder A, Hautzinger M, Heilbronner U, Hellgren D, Herms S, Hickie IB, Hoffmann P, Holmans PA, Jamain S, Jonsson L, Kennedy JL, Kittel-Schneider S, Knowles JA, Koch E, Kogevinas M, Kranz TM, Kushner SA, Lavebratt C, Lawrence J, Leber M, Lind PA, Lucae S, Lundberg M, MacIntyre DJ, **Maier W**, Maihofer AX, Malaspina D, Manchia M, Maratou E, Martinsson L, McInnis MG, McKay JD, Medeiros H, Meyer-Lindenberg A, Millischer V, Morris DW, Moutsatsou P, Mühleisen TW, 'Donovan CO, Olsen CM, Papiol S, Pardiñas AF, Perry A, Pfennig A, Pisanu C, Potash JB, Quedsted D, Rapaport MH, Regeer EJ, Rice JP, Rivera M, **Schulte EC**, Senner F, Shilling PD, Sindermann L, Sirignano L, Siskind D, Slaney C, Smeland OB, Sobell JL, Artigas MS, Stein DJ, Stein F, Swiatkowska B, Thorp JG, Toma C, Tondo L, Tooney PA, Vawter MP, Vedder H, Walters JTR, Witt SH, Young AH, Zandi PP, Zillich L, Estonian Biobank research team , Genomic Psychiatry Cohort (GPC) Investigators , HUNT All-In Psychiatry , Adolfsson R, Alfredsson L, Backlund L, Baune BT, Bellivier F, Bengesser S, Berrettini WH, Biernacka JM, Blackwood D, Boehnke M, Breen G, Carr VJ, Catts S, Cichon S, Corvin A, Craddock N, Dannlowski U, Dikeos D, Esko T, Etain B, Ferentinos P, Frye M,

Fullerton JM, Gawlik M, Gershon ES, Goes FS, Green MJ, Hauser J, Henskens FA, Hjerling-Leffler J, Jones I, Jones LA, Kahn RS, Kelsoe JR, Kircher T, Kirov G, Kobayashi N, Landén M, Leboyer M, Lenger M, Li QS, Lissowska J, Loughland C, Luykx JJ, Martin NG, Mathews CA, Mayoral F, McElroy SL, McIntosh AM, Medland SE, Melle I, Mitchell PB, Morken G, Myers RM, Möser C, Müller-Myhsok B, Neale BM, Nievergelt CM, Nurnberger JI, Nöthen MM, O'Donovan MC, Oedegaard KJ, Olsson T, Owen MJ, Paciga SA, Pantelis C, Pato CN, Pato MT, Patrinos GP, Pawlak JM, Perlis R, Ramos-Quiroga JA, Reif A, Reininghaus EZ, Ribasés M, Rietschel M, Ripke S, Rouleau GA, Schall U, Schalling M, Schofield PR, Schulze TG, Scott LJ, Scott RJ, Serretti A, Smoller JW, Squassina A, Stahl EA, Stordal E, Streit F, Sullivan PF, Turecki G, Vaaler AE, Vieta E, Vincent JB, Waldman ID, Weickert CS, Weickert TW, Whiteman DC, Alda M, Ophoff RA, O'Connell KS, Mullins N, Forstner AJ, Grigoriou-Serbanescu M, Edenberg HJ, McMahon FJ, Andreassen OA, Di Florio A, McQuillin A, Bipolar Disorder Working Group of the Psychiatric Genomics Consortium

**Psychiatric disorders converge on common pathways but diverge in cellular context, spatial distribution, and directionality of genetic effects.**

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Engchuan W, Shanta O, Kumar K, MacDonald JR, Thiruvahindrapuram B, Hamdan O, Klein M, Maihofer A, Guevara J, Hong O, Huguet G, Sacks M, Ahangari M, Feitosa RMMW, Han K, Mendes M, Zhou X, Bautista NX, Pellecchia G, Wang Z, Merico D, Yuen RKC, Trost B, Sønderby I, Adams MJ, Adolfsson R, Agartz I, Aiello AE, Alda M, Allardyce J, Amstadter AB, Andlauer TFM, Andreassen OA, Artigas MS, Austin SB, Ayub M, Baker DG, Bass N, Baune BT, Bayas M, Berger K, Biernacka JM, Bigdeli T, Bisson JI, Blackwood D, Boks M, Braff D, Bramon E, Breen G, Brueckl T, Bryant RA, Bulik CM, Buxbaum J, Cairns MJ, Caldas-de-Almeida JM, Campbell M, Champion D, Carr VJ, Castela E, Chaumette B, Cichon S, Cohen D, Corvin A, Craddock N, Crosbie J, Czamara D, Dannlowski U, Degenhardt F, Delahanty DL, Dempfle A, Desachy G, Di Florio A, Dickerson FB, Djurovic S, Domschke K, Douglas L, Drange OK, Duncan LE, Edenberg HJ, Esko T, Faraone S, Feeny NC, Forstner AJ, Franke B, Frye M, Fu DJ, Fullerton JM, Gareeva A, Garvert L, Gatt JM, Gejman P, Geschwind DH, Giegling I, Glatt SJ, Glessner J, Goes FS, Gordon-Smith K, Grabe H, Green MJ, Green MF, Greenwood T, Grigoriou-Serbanescu M, Gur RE, Gur RC, Guzman-Parra J, Haavik J, Hahn T, Hakonarson H, Hallmayer J, Hamshere ML, Hartmann AM, Hassan A, Hayward C, Hebebrand J, Hemmings SMJ, Herms S, Herrera-Rivero M, Hinney A, Homuth G, Ingason A, Ito LT, Iwata N, Jones I, Jones LA, Jonsson L, Jönsson EG, Kahn RS, Karlsson R, Kaufman ML, Kelsoe JR, Kennedy JL, King A, Kircher T, Kirov G, Knappskog P, Knowles JA, Kobayashi N, Koenen KC, Konte B, Korgaonkar M, Kowalec K, Krebs MO, Landén M, Laurent-Levinson C, Lebois LA, Levinson D, Lewis C, Li Q, Liberzon I, Light G, Loo SK, Lu Y, Lucae S, Marmar C, Martin NG, Mayoral F, McIntosh AM, McLaughlin KA, McLean SA, McQuillin A, Medland SE, Meyer-Lindenberg A, Milanova V, Mitchell PB, Molina E, Mowry B, Muller-Myhsok B, Mullins N, Murray R, Nöthen MM, Nurnberger JI, O'Connell KS, Ophoff RA, Orcutt HK, Owen MJ, Palotie A, Pato C, Pato M, Pawlak J, Peters T, Petryshen TL, Pistis G, Potash JB, Powell J, Preisig M, Quedsted D, Ramos-Quiroga JA, Reif A, Ressler KJ, Ribasés M, Rietschel M, Risbrough VB, Rivera M, Rothbaum AO, Rothbaum BO, Rujescu D, Saito T, Sanders AR, Schachar RJ, Schofield PR, **Schulte EC**, Schulze TG, Scott LJ, Seedat S, Sheerin C, Shi J, Sklar P, Smalley S, Smeland OB, Smoller JW, Sonuga-Barke E, Clair DS, Steen NE, Stein D, Stein F, Stein MB, Streit F, Swerdlow N, Thibaut F, Thygesen JH, Timerbulatov I, Toma C, Trapido E, Tremblay M, Tsuang MT, Uddin M, Vawter MP, Vincent JB, Völzke H, Walters JT, Weickert CS, Weiss LA, Weissman MM, Werge T, Witt SH, Xavier M, Yolken R, Young RM, Zayats T, Zoellner LA, AGP Consortium, PEIC Psychosis Endophenotypes International Consortium, ADHD Working Group of the Psychiatric Genomics Consortium, Autism Working Group of the Psychiatric Genomics Consortium,

Bipolar Disorder Working Group of the Psychiatric Genomics Consortium , Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium , PTSD Working Group of the Psychiatric Genomics Consortium , Schizophrenia Working Group of the Psychiatric Genomics Consortium , CNV Working Group of the Psychiatric Genomics Consortium , Kendall K, Riley B, Wray NR, O'Donovan MC, Sullivan PF, Sanchez-Roige S, Nievergelt CM, Jacquemont S, Scherer SW, Sebat J