

## **Udo Dannlowski, Univ.-Prof. Dr. med. Dr. phil.**

Date of birth: 04.05.1976, male

### **ADDRESS**

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### **POSITION/TITLE**

Director, Institute of Translational Psychiatry

## **1. Education/Training**

1996 - 2003	Studies of Medicine in Münster, Zürich, Bangalore
2004 - 2008	Studies of Psychology in Münster (Diploma)
2007	Dissertation in medicine, summa cum laude
2010	Habilitation in Cognitive Neuropsychiatry, University of Münster.
2010	Dissertation in psychology, summa cum laude

## **2. Positions and Honors**

### **Positions and Employment**

2004 - 2009	Assistant doctor and Research Fellow, Department of Psychiatry, University of Münster
2009 - 2015	Group Leader, Neuroimaging group, Department of Psychiatry, University of Münster
2009 - 2010	Neurological year in the LWL-Klinik Lengerich, Department of Neurology
2011	Approval as board registered psychiatrist
2011	Senior psychiatrist, Department of Psychiatry, University of Münster
2012 - 2015	Professor for Neuroimaging in Psychiatry, Department of Psychiatry and Psychotherapy, University of Marburg, Germany
Since 2015	Professor for Translational Psychiatry, Department of Psychiatry, University of Münster
Since 2019	Director, Institute of Translational Psychiatry, University of Münster

### **Other experience and professional memberships, Honors**

Membership in editorial boards	Biology of Mood and Anxiety Disorders, Journal of Psychiatry & Neuroscience
2008	"Imaging in Psychiatry" award of the DGPPN
2009	Abstract Award of the Organisation for Human Brain Mapping 2009
2013	Finalist Ziskind-Somerfeld Research Award for outstanding publication
2016	Hans-Heimann Award of the DGPPN
2017	Research Award of the DGPPN
2019	Hans-Jörg-Weitbrecht Award
2017 -	Co-Speaker "Neural Systems", Research focus of the medical faculty of Münster
2018 -	Executive board member of the IZKF Münster (Interdisciplinary Center for Clinical Research)

### 3. Selected peer reviewed grants

<b>Ongoing research support</b>				
Short title	Funding institution	Start/End	Applicants	Total funding [€]
DFG-FOR 2107, Workpackage WP1	DFG	2017-	Dannlowksi/ Nenadic/ Kircher	1.336.050
Dan3/012/17 Machine learning in Psychiatry	IZKF Münster	2017-	Dannlowksi	390.000
SFB-TRR 58, Project C09	DFG	2016-	Lüken/ Dannlowksi	751.642
SFB-TRR 58, Project Z02	DFG	2016-	Domschke/ Lüken Dannlowksi/ Lonsdorf/ Romanos Pauli/ Deckert	1.103.734
<b>Completed research support</b>				
Neurobiological consequences of childhood maltreatment	IMF Münster	2011-2014	Dannlowksi	152.035
Discriminating unipolar and bipolar depression by	IMF Münster	2010-2013	Dannlowksi	76.292
Imaging Epigenetics	UKGM	2013-2015	Dannlowksi	75.000
DFG-FOR 2107, Workpackages WP1 and Z02	DFG	2014-2017	Dannlowksi/ Konrad/ Kircher	1.140.000
BipoLife, Neuroimaging platform (transferred to A. Jansen)	BMBF	2015	Dannlowksi/ Kircher	530.000

### 4. Bibliometry

192 peer-review publications: 180 originals, 10 reviews, 2 letters

Ratio of first/last:co-authored publications = 85:107

Cumulative impact factor: 1320; Mean Impact Factor: 6.985

h-index: 54; i10-index: 118 (Number of publications with at least 10 citations)

Total: >9,100 citations

### 5. Ten most relevant peer review publications

1. Opel N, Redlich R, Dohm K, Zaremba D, Goltermann J, Repple J, Kaehler C, Grotegerd D, Leehr EJ, Böhnlein J, Förster K, Meinert S, Enneking V, Sindermann L, Dzvonyar F, Emden D, Leenings R, Winter N, Hahn T, Kugel H, Heindel W, Buhlmann U, Baune BT, Arolt V, Dannlowksi U (2019). Mediation of the influence of childhood maltreatment on depression relapse by cortical structure: a 2-year longitudinal observational study. *Lancet Psychiatry* 6:318-326 (IF 15.233).
2. Opel N, Amare AT, Redlich R, Repple J, Kähler C, Grotegerd D, Dohm K, Zaremba D, Leehr EJ, Böhnlein J, Förster K, Bürger C, Meinert S, Enneking V, Emden D, Leenings R, Winter N, Hahn T, Heindel W, Bauer J, Wilhelms D, Schmitt S, Jansen A, Krug A, Nenadic I, Rietschel M, Witt S, Forstner AJ, Nöthen MM, Kircher T, Arolt V, Baune BT, Dannlowksi U (2018). Cortical surface area alterations shaped by genetic load for neuroticism. *Molecular Psychiatry*, epub ahead of print doi: 10.1038/s41380-018-0236-9 (IF 11.640).
3. Zaremba D, Dohm K, Redlich R, Grotegerd D, Strojny R, Meinert S, Bürger C, Enneking V, Förster K, Repple J, Opel N, Baune BT, Zwitserlood P, Heindel W, Arolt V,

- Kugel H, Dannlowski U (2018). Association of Brain Cortical Changes with Relapse in Patients with Major Depressive Disorder. *JAMA Psychiatry* 75:484-492 (IF 16.642).
4. Opel N, Redlich R, Kaehler C, Grotegerd D, Dohm K, Heindel W, Kugel H, Thalamuthu A, Koutsouleris N, Arolt V, Teuber A, Wersching H, Baune BT, Berger K, Dannlowski U (2017). Prefrontal gray matter volume mediates genetic risks for obesity. *Molecular Psychiatry* 22:703-710 (IF 11.640).
  5. Redlich R, Opel N, Grotegerd D, Dohm K, Zaremba D, Bürger C, Münker S, Mühlmann L, Wahl P, Heindel W, Arolt V, Alferink J, Zwanzger P, Zavorotnyy M, Kugel H, Dannlowski U (2016). Prediction of Individual Response to Electroconvulsive Therapy via Machine Learning on Structural Magnetic Resonance Imaging Data. *JAMA Psychiatry* 73:557-564 (IF 15.307).
  6. Dannlowski U, Kugel H, Grotegerd D, Redlich R, Opel N, Dohm K, Zaremba D, Grögler A, Schwieren J, Suslow T, Ohrmann P, Bauer J, Krug A, Kircher T, Jansen A, Domschke K, Hohoff C, Zwitserlood P, Heinrichs M, Arolt V, Heindel W, Baune BT (2016). Disadvantage of social sensitivity: Interaction of oxytocin receptor genotype and child maltreatment on brain structure. *Biological Psychiatry* 80:398-405 (IF 11.412)
  7. Dannlowski U, Grabe H, Wittfeld K, Klaus J, Konrad C, Grotegerd D, Redlich R, Suslow T, Opel N, Ohrmann P, Bauer J, Hohoff C, Arolt V, Heindel W, Deppe M, Domschke K, Hegenscheid K, Völzke H, Homuth G, Meyer zu Schwabedissen H, Kugel H, Baune BT (2015). Multimodal imaging of TESC genotype effects on brain structure and function – evidence for hippocampal gray matter specificity. *Molecular Psychiatry* 20:398-404 (IF 13.314).
  8. Dannlowski U, Kugel H, Grotegerd D, Redlich R, Suchy J, Opel N, Suslow T, Konrad C, Ohrmann P, Bauer J, Kircher T, Krug A, Jansen A, Baune BT, Heindel W, Domschke K, Forstner A, Nöthen MM, Treutlein J, Arolt V, Hohoff C, Rietschel M, Witt S (2015). NCAN cross-disorder risk variant is associated with limbic gray matter deficits in healthy subjects and major depression. *Neuropsychopharmacology* 40:2510-2516 (IF 6.399).
  9. Redlich R, Almeida J, Grotegerd D, Opel N, Kugel H, Heindel W, Arolt V, Phillips ML, Dannlowski U (2014). Brain morphometric biomarkers distinguishing unipolar and bipolar depression: A VBM - pattern classification approach. *JAMA Psychiatry* 71:1222-1230 (IF 12.008).
  10. Dannlowski U, Stuhrmann A, Beutelmann V, Zwanzger P, Lenzen T, Grotegerd D, Domschke K, Hohoff C, Ohrmann P, Bauer J, Lindner C, Postert C, Konrad C, Arolt V, Heindel W, Suslow T, Kugel H (2012). Limbic scars: Long-term consequences of childhood maltreatment revealed by functional and structural MRI. *Biological Psychiatry* 71:286-293 (IF 9.247).