Lars Tjelta Westlye

Personal information

Surname, First name:	Westlye, Lars Tjelta		
Date of birth:	10.03.1980	Sex:	Male
Nationality:	Norwegian		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	ORCID: 0000-0001-8644-956X Google: https://scholar.google.no/citations?user=zm7OAxsAAAAJ&hl		
URL for personal website:	http://www.sv.uio.no/psi/english/people/aca/larstweng		

Education

Year	Faculty/department - University/institution - Country
2011 (05.02.2011)	**PhD in Psychology**. *Imaging the aging brain: Cognitive and electrophysiological correlates* Dept. of Psychology, University of Oslo (UO), Norway
2007	**Cand. psychol.,** accredited clinical psychologist, Dept. of Psychology, UO, Norway

Positions - current and previous

Year	Job title – Employer - Country
2021-	**Co-PI and member Steering Committee**, KG Jebsen Centre for Neurodevelopmental Disorders (KGJDev), University of Oslo, Oslo
2020 -	**Professor and Head of research**, Dept of Psychology, University of Oslo
2012 -	**Senior Researcher** (20%), head NORMENT Imaging Group, Oslo University Hospital
2019-2019	Associate professor (100%), Dept of Psychology, UO
2013-2018	Associate Professor (20%), Dept of Psychology, UO, Oslo, Norway
2011-2012	Postdoctoral Research Fellow, Dept of Psychology, UO (PI, RCN, FRIMED), Norway
2011-2012	Fellow, Centre for Advanced Study (CAS), Norwegian Academy of Sciences and Letters
2010-2011	Visiting researcher, University of Oxford, UK
2008-2011	PhD Fellow, Center for the Study of Human Cognition, University of Oslo, Norway

Project management experience

Year	Project owner - Project - Role - Funder
2022-2028	HORIZON-HLTH-2021-STAYHLTH *environMENTAL: Reducing the impact of major environmental challenges on mental health*, ~€10M (~€733k/UiO), role: co-PI/WP lead (PI: Schumann)
2022-2026	Research Council of Norway – FRIPRO: Large-scale Interdisciplinary Researcher Project (Fellesløftet): Polygenic and psychosocial interplay in brain development across mental disorders, ~€2.5M, role: co-PI (PI: prof Andreassen)
2020-2028	Research Council of Norway – FRIPPRO: *Parsing the developmental and genetic architecture of risk and resilience in the adolescent brain*, ~€1.2M, role: PI
2019-2024	ERC Starting Grant (*BRAINMINT - Brains and minds in transition: The dark side of neuroplasticity during sensitive life phases*, ~€1.5M, role: PI
2019-2021	South-Eastern Norway Regional Health Authority. *Dissecting neurodevelopmental antecedents of mental illness: Towards early risk detection and precision medicine through large-scale imaging genetics*, ~€910k, role: PI
2019-2023	UiO:Life Science Convergence Environment. *MultiModal Mental Models: converging approaches from genomes to mental illness and interplay with psychosocial stressors*. Project leader: OA Andreassen, ~€420k, role: PI/WP leader
2019-2021	Wellcome Trust Innovator Award (PI: A Marquand), *BRAINCHART: Normative brain charting for predicting and stratifying psychosis*, role: WP leader, ~€300k
2019-2024	BMBF, *COMorbidity Modeling via Integrative Transfer machine-learning in MENTal illness* (COMMITMENT, PI: A Meyer-Lindenberg), role: WP leader, ~€563k
2019-2021	ERA-PerMed JTC2018. *IMproved Personalized medicine through deep LEarning in MENTal disorders (IMPLEMENT)*, ~€300, role: WP leader (PI: E. Scwharz)

2018-2027	Research Council of Norway. Women's Health programme: *From synapses to symptoms in maternal mental health during pregnancy and postpartum.* ~€1,6M, role: PI
2018-2020	South-Eastern Norway Regional Health Authority. *Neuroplastic mechanisms of mental illness through the lens of the maternal brain,* €~347k, role: PI
2016-2020	Research Council of Norway – FRIMEDBIO YOUNG RESEARCH TALENTS. *Genetic and phenotypic architecture of the ontogenetic determinants of severe mental illness*,~$810k, role: PI
2016-2019	South-Eastern Norway Regional Health Authority. *Mapping and modulating brain networks in severe mental illness: Towards new targets for brain stimulation*, ~$370k, role: PI
2016-2017	Research Council of Norway. IS-DAAD. *Clinical utility and genetics of neuronal intraindividual variability in severe mental illness: A Norwegian-German collaboration.* ~$10k, role: PI
2016-2017	Oslo University Hospital, *Linking and modulating brain and behavioral signatures of GABA system dysfunction in schizophrenia: Non-invasive brain stimulation* (~$20k, role: PI).
2015-2018	South-Eastern Norway Regional Health Authority. *Assessing treatment-induced post-stroke neuroplasticity using multimodal MRI: A RCT study*, ~$370k, role: PI
2015-2018	South-Eastern Norway Regional Health Authority. *The dark side of the mean: Intra-individual variability in mental illness: Genetic underpinnings and clinical utility*, ~$370k, role: PI
2015-2018	Extrastiftelsen Helse & Rehabilitering, Norway. *Enhancing post-stroke recovery through transcranial direct-current stimulation (tDCS),* $270k, role: PI
2014-2018	South-Eastern Norway Regional Health Authority (Career Grant). *Integrating the connectome and the genome towards a brain-based understanding of severe mental illness*, ~$1 200k, role: PI
2013-2016	South-Eastern Norway Regional Health Authority. *Reshaping of attentional networks after unilateral stroke: Multimodal imaging of visual neglect*, ~$550k, role: PI.
2011-2014	Research Council of Norway (FRIMED, *Structural and functional connectivity in the aging brain: cognitive consequences and genetic modifiers*; ~$ 915k, role: PI
2012	UO, Norway ~$ 18k, Fitness, neuroplasticity and cognitive functions, role: PI
2010-2011	Research Council of Norway, 6 months visiting research fellowship to FMRIB, University of Oxford, UK (~$ 22k)

Supervision/mentoring of students/postdocs

	No. of	Master's students/ Ph.D./Postdocs	Name of faculty/department/centre, name of university/institution/country
2012-	17	Master's students	UiO, Oslo, Norway; NTNU, Trondheim, Norway; Trieste, Italy
2014-	25	Ph.D.	UiO, Oslo, Norway (including ongoing and co-supervision)
2014-	15	Postdocs	UiO, Oslo, Norway

Other relevant professional experiences

Year	Description - Role
2022-	Reviewer grant application, Austrian Academy of Sciences, Austria
2020-	Reviewer grant applications, Indian Alliance, DBT Wellcome, India
2020-	Reviewer grant applications, UKRI Future Leaders Fellowships, UK
2020-	Reviewer grant applications, Brain Foundation Netherlands, NL
2020-	Reviewer grant applications, German Research Foundation DFG, Germany
2019-	Member of PhD adjudication committee, University of Bergen, NO
2018-	Reviewer grant applications, Vidi programme, NWO, NL
2018-	Reviewer grant applications, Medical Research Council (MRC), UK
2016	Member of PhD adjudication committee, University of Copenhagen, DK.
2015-18	Member Oslo University Hospital Research Board (*Forskningsutvalget*)
2015	Member of PhD half-time evaluation committee, Karolinska Institutet, Stockholm
2014-	Reviewer grant applications, Swiss National Science Foundation (SNF)
2014-	Steering committee, Core Facility in Translational MRI Neuroimaging, OUH
2013	Reviewer grant applications, Helmholtz Association of German Research Centres
2011-	Scientific committees (>25), PhD/postdoc fellowships, UO/Oslo University Hospital
2011-	Ad-hoc reviewer assignments for >40 international journals

Publication statistics Per 12.2023 I have published >370 articles in peer-reviewed journals including high impact outlets (*Science, Nature*, *Nature Neuroscience, Nature Genetics*, *Nature Communication, Molecular Psychiatry, JAMA Psychiatry, PNAS)* with an emphasis on brain imaging and genetics with applications in cognitive and brain development and mental disorders. h-index: 87; i10-index: 284; 30,768 citations (Google Scholar, Dec '23). https://scholar.google.no/citations?user=zm7OAxsAAAAJ&hl

Profile

Lars T. Westlye is a professor and Head of Research at the Department of Psychology, a NORMENT Core Researcher, and director of the NORMENT Multimodal Imaging Group. As head of research at the Department of Psychology he is part of the management at the department and responsible for the institutional mandate and support of the research carried out at the department, including issues related to infrastructure and lab facilities, as well as research ethics and privacy/data security. He is also responsible for the departmental ph.d. program, which currently hosts approx. 180 ph.d. fellows.

Westlye is co-PI on a UiO:LifeScience convergence environment, and a WP leader and member of the steering committee for the KG Jebsen Centre for Neurodevelopmental Disorders. He coordinates the BRAINMINT project (ERC, RCN), which aims to provide new knowledge about the genetic and environmental impact on the brain and mental health during sensitive life phases, including adolescence, pregnancy and menopause. He has since 2012 established and directed a research group which currently hosts >25 people, including several faculty level, senior scientists, postdocs, ph.d. fellows and research assistants and tech personnel. Since 2012 he has supervised >24 ph.d. fellows, among whom 11 have successfully defended their doctorates and are currently pursuing a career within academia, the clinic, or in the industry. He has obtained a number of research grants, including prestigious career development grants from the Research Council of Norway (including a Career Development grant, ongoing FRIPRO grants, and an ongoing Women's Health grant on pregnancy and maternal brain and mental health), the South-Eastern Norway Regional Health Authority, and an ERC Starting Grant.

The overall scientific aim of Westlye's research group is to improve the understanding of the complexities of the mind and its disorders by providing a characterization of the neuronal, environmental and genetic mechanisms of individual differences in cognition and psychopathology during formative life phases such as childhood and adolescence. The group uses advanced technology with an emphasis on structural and functional brain imaging, and its integration with clinical, genetic and environmental data. Through an extended network of collaborators the group is involved in several global consortia and collaborations, including environMENTAL (https://www.environmental-project.org), ENIGMA (http://enigma.ini.usc.edu), IMAGEMEND (http://www.imagemend.eu), COMMITMENT, BRAINCHART, R-Link (https://rlink.eu.com), and Center-TBI (https://www.center-tbi.eu).

Prizes, awards, academy memberships

2020 Best paper award – Oslo University Hospital
Common brain disorders are associated with heritable patterns of apparent aging of the brain (~$6k, role: senior author)

2020- Member, Editorial board, *Biological Psychiatry: Global Open Science*

2019 The Anders Jahres Prize for Young Scientists, ~€20k
https://www.uio.no/english/about/facts/awards/anders-jahre

2018 Early Career Award, Oslo University Hospital, ~€15k

2017 Best paper award – Oslo University Hospital
Delayed stabilization and individualization in connectome development are related to mental illness (~$6k, role: senior author)

2016 Best paper award – Oslo University Hospital
Subcortical volumetric abnormalities in bipolar disorder (~$6k, role: second author)

2015 Best paper award – Oslo University Hospital
Disintegration of Sensorimotor Brain Networks in Schizophrenia (~$6k, role: senior author)

2011 Nominated to the H.M. King's medal for Best ph.d. thesis, UO