

## Curriculum Vitae

### Personal profile

Surname Van den Hove  
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### Brief summary of research over last years

Daniël van den Hove studied Medical Biology at the University of Amsterdam (UvA). After he graduated cum laude in 2002, he started as a PhD student at the Department of Psychiatry and Neuropsychology at Maastricht University (MU). During his PhD, which focused on the relationship between prenatal maternal stress and adult psychopathology, he visited the Department of Cell and Developmental Biology at the University of North Carolina. In 2007, as a post-doc, he went to the Department of Psychiatry, Psychosomatics and Psychotherapy at the University of Würzburg (UW), shifting his focus toward the role of epigenetic processes in mediating differential stress susceptibility. Currently, as an Assistant Professor at the Department of Translational Neuroscience (MU) & the Department of Psychiatry, Psychosomatics and Psychotherapy (WU), he is investigating the role of epigenetic mechanisms in the pathophysiology of psychiatric disorders like depression and Alzheimer's disease in a translational setting.

### Scholarships and awards (most relevant):

- Internationale Stichting Alzheimer Onderzoek (ISAO) Award (#11532); Hippocampal DNA hydroxymethylation in aging and Alzheimer's disease. 11/2011 – 10/2013; €100.000
- Koninklijke Nederlandse Maatschappij tot bevordering der Geneeskunst (KNMG) Consolidation prize. 2011
- Internationale Stichting Alzheimer Onderzoek (ISAO) Pilot Award (#07551). Project title: Depression as a risk factor for Alzheimer's disease. 11/2007 - 10/2009; €40.000
- Kootstra Fellowship for talented aspirant post-docs by Maastricht University. 2006; €50.232
- EURON PhD certificate ([www.euronschool.eu](http://www.euronschool.eu)). 2006

### Bibliography

2013	IF <sub>2012</sub>
1. Chouliaras L, <u>Van den Hove DLA</u> , Kenis G, Van Draanen M, Hof PR, Van Os J, Steinbusch HWM, Schmitz C, Rutten BPF. Histone deacetylase 2 in the mouse hippocampus: attenuation of age-related increase by caloric restriction. <i>Curr Alzheimer Res</i> .	3.676
2. Chouliaras L, Mastroeni D, Delvaux E, Grover A, Kenis G, Hof PR, Steinbusch HWM, Coleman PD, Rutten BPF, <u>Van den Hove DLA</u> . Consistent decrease in global DNA methylation and hydroxymethylation in the hippocampus of Alzheimer's disease patients. <i>Neurobiol Aging</i> . 2013 Sep;34(9):2091-9.	6.166
3. Sierksma ASR, Rutten K, Sydlík S, Rostamian S, Steinbusch HWM, Prickaerts J*, <u>Van den Hove DLA*</u> . Chronic phosphodiesterase type 2 inhibition improves memory in the APPswe/PS1dE9 mouse model of Alzheimer's disease. <i>Neuropharmacology</i> . 2013 Jan;64:124-36.	4.061
4. Sierksma ASR, Prickaerts J, Chouliaras L, Rutten B, Rostamian S, Delbroek L, Steinbusch HWM, <u>Van den Hove DLA</u> . Behavioral and neurobiological effects of prenatal stress exposure in male and female APPswe/PS1dE9 mice. <i>Neurobiol Aging</i> . 2013 Jan;34(1):319-37.	6.166
5. Boulle F, Kenis G, Lanfumey L, Hamon M, Steinbusch HWM, <u>Van den Hove DLA</u> . TrkB as a therapeutic target for CNS-related disorders. <i>Prog Neurobiol</i> . 2012 Aug;98(2):197-206.	9.035
6. <u>Van den Hove DLA</u> , Chouliaras L, Rutten BP. The role of 5-hydroxymethylcytosine in aging and Alzheimer's disease: current status and prospects for future studies. <i>Curr Alzheimer Res</i> . 2012 Jun 1;9(5):545-9.	3.676
7. Chouliaras L, <u>Van den Hove DLA</u> , Kenis G, Keitel S, Lemmens MAM, Van Os J, Steinbusch HWM, Schmitz C, Rutten BP. Aging and caloric restriction affect 5-hydroxymethylcytosine in the mouse hippocampus. <i>Curr Alzheimer Res</i> . 2012 Jun 1;9(5):536-44.	3.676
8. Boulle F, <u>Van den Hove DLA</u> , Jakob S, Rutten BP, Lanfumey L, Hamon M, Steinbusch HWM, Lesch KP, Kenis G. Epigenetic regulation of the Bdnf gene: implications for psychiatric disorders. <i>Mol Psychiatry</i> . 2012 Jun;17(6):584-96.	14.897
9. <u>Van den Hove DLA*</u> , Chouliaras L*, Kenis G, Keitel S, Hof PR, van Os J, Steinbusch HW, Schmitz C, Rutten BP. Prevention of age-related changes in hippocampal levels of 5-methylcytidine by caloric restriction. <i>Neurobiol Aging</i> . 2012 Aug;33(8):1672-81.	6.166
10. Chouliaras L, <u>Van den Hove DLA</u> , Kenis G, Dela Cruz J, Lemmens MAM, Van Os J, Steinbusch HWM, Schmitz C, Rutten BP. Caloric restriction attenuates age-related changes of DNA methyltransferase 3a in mouse hippocampus. <i>Brain, Behav, and Immun</i> . 2011 May;25(4):616-23.	5.612
11. Chouliaras L, Rutten BP, Kenis G, Peerbooms O, Visser PJ, Verhey F, van Os J, Steinbusch HW, <u>Van den Hove DLA</u> . Epigenetic regulation in the pathophysiology of Alzheimer's disease. <i>Prog Neurobiol</i> . 2010; 90(4):498-510.	9.035

\*Equal contribution