

University of Groningen

## Vulnerability and emotional processing in depression

Groenewold, Nynke

**IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.**

*Document Version*

Publisher's PDF, also known as Version of record

*Publication date:*

2015

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Groenewold, N. (2015). *Vulnerability and emotional processing in depression: neural and clinical perspectives*. University of Groningen.

### Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

### Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

# Stellingen

Behorend bij het proefschrift: Vulnerability and emotional processing in depression

Nynke A. Groenewold

1. Emotional valence modulates brain functional abnormalities in depression
2. The dorsal nexus, which is located at the intersection of cognitive-emotional brain networks, is involved in self-reflection impairments in depressed patients
3. Frontolimbic activation imbalance is not just a momentary snapshot of depressive symptom severity, but rather reflects vulnerability for depression
4. The vascular depression hypothesis is a relevant framework for research into the earliest stages of vascular disease
5. Cognitive vulnerability predisposes to adverse emotional reactions to life stress and thus indicates individual differences in stress sensitivity
6. Because cognitive vulnerability and depressive symptoms can instigate a downward spiral that has long-lasting effects and is very difficult to turn around, it is important to intervene early in this process
7. Evidence-based diagnosis is a requirement for the development of sound evidence-based treatment
8. Minds are not either cognitive or emotional, they are both, and more (J.E. LeDoux, 2000)
9. Psychomarkers can be as informative as biomarkers and are currently underappreciated
10. With respect to the depressed brain, one size does not fit all (although fortunately for statistical analyses the preprocessing step normalization comes a long way in achieving this)
11. Running an MRI study with a complex patient group for four consecutive years is likely to put pressure on frontolimbic brain circuitry - and therefore offers great opportunities for practice of emotion regulation skills