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Mood and the pill

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Chapter 9

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References

A

Aalto, A. M., Elovainio, M., Kivimäki, M., Uutela, A., & Pirkola, S. (2012). The Beck Depression Inventory and General Health Questionnaire as measures of depression in the general population: a validation study using the Composite International Diagnostic Interview as the gold standard. *Psychiatry research*, 197(1-2), 163-171.

Aas, M., Pedersen, G., Henry, C., Bjella, T., Bellivier, F., Leboyer, M., ... & Lagerberg, T. V. (2015). Psychometric properties of the Affective Lability Scale (54 and 18-item version) in patients with bipolar disorder, first-degree relatives, and healthy controls. *Journal of affective disorders*, 172, 375-380.

Adair, J. G. (1984). The Hawthorne effect: a reconsideration of the methodological artifact. *Journal of applied psychology*, 69(2), 334.

Adams, T., Pounder, Z., Preston, S., Hanson, A., Gallagher, P., Harmer, C. J., & McAllister-Williams, R. H. (2016). Test–retest reliability and task order effects of emotional cognitive tests in healthy subjects. *Cognition and emotion*, 30(7), 1247-1259.

Aiken, L & West, S. (1991). *Multiple regression: testing and interpreting interactions*. Sage Publications.

Akyürek, E. G., Eshuis, S. A., Nieuwenstein, M. R., Saija, J. D., Başkent, D., & Hommel, B. (2012). Temporal target integration underlies performance at lag 1 in the attentional blink. *Journal of Experimental psychology: human perception and performance*, 38(6), 1448.

Albert, K., Pruessner, J., & Newhouse, P. (2015). Estradiol levels modulate brain activity and negative responses to psychosocial stress across the menstrual cycle. *Psychoneuroendocrinology*, 59, 14-24.

Aleknaviciute, J., Tulen, J. H., De Rijke, Y. B., Bouwkamp, C. G., Van der Kroeg, M., Timmermans, M., ... & van Rossum, E. F. (2017). The levonorgestrel-releasing intrauterine device potentiates stress reactivity. *Psychoneuroendocrinology,* 80, 39-45.

Alexander, G. M., Sherwin, B. B., Bancroft, J., & Davidson, D. W. (1990). Testosterone and sexual behavior in oral contraceptive users and nonusers: A prospective study. *Hormones and behavior*, 24(3), 388-402.

American Psychiatric Association, & Nederlandse Vereniging voor Psychiatrie. (2014). Hengeveld, M.W. (ed.). *Handboek voor de classificatie van psychische stoornissen: DSM-5™*. Vijfde oplage. Amsterdam: Uitgeverij Boom.

Anderson, N. H. (1968). Likableness ratings of 555 personality-trait words. *Journal of personality and social psychology*, 9(3), 272.

Angelidis, A., Hagenaars, M., van Son, D., van der Does, W., & Putman, P. (2018). Do not look away! Spontaneous frontal EEG theta/beta ratio as a marker for cognitive control over attention to mild and high threat. *Biological psychology*, 135, 8-17.

Angelidis, A., van der Does, W., Schakel, L., & Putman, P. (2016). Frontal EEG theta/beta ratio as an electrophysiological marker for attentional control and its test-retest reliability. *Biological psychology*, 121, 49-52.

Antypa, N. (2011). *Cognitive vulnerability to depression: genetic and environmental influences. (*Doctoral dissertation, Faculty of Social and Behavioural Sciences, Leiden University, The Netherlands).

Arnsten, A. F., & Rubia, K. (2012). Neurobiological circuits regulating attention, cognitive control, motivation, and emotion: disruptions in neurodevelopmental psychiatric disorders. *Journal of the american academy of child & adolescent psychiatry*, 51(4), 356-367.

Arp, J. M., ter Horst, J. P., Kanatsou, S., Fernández, G., Joëls, M., Krugers, H. J., & Oitzl, M. S. (2014). Mineralocorticoid receptors guide spatial and stimulus-response learning in mice. *PLoS one*, 9(1), e86236.

Aubuchon, P. G., & Calhoun, K. S. (1985). Menstrual cycle symptomatology: the role of social expectancy and experimental demand characteristics. *Psychosomatic medicine*, 47, 35-46.

B

Bancroft, J., & Rennie, D. (1993). The impact of oral contraceptives on the experience of peri-menstrual mood, clumsiness, food craving and other symptoms. *Journal of psychosomatic research*, 37(2), 195–202.

Barrett Mueller, K., Lu, Q., Mohammad, N. N., Luu, V., McCurley, A., Williams, G. H., ... & Jaffe, I. Z. (2014). Estrogen receptor inhibits mineralocorticoid receptor transcriptional regulatory function. *Endocrinology*, 155(11), 4461-4472.

Bayer, J., Bandurski, P., & Sommer, T. (2013). Differential modulation of activity related to the anticipation of monetary gains and losses across the menstrual cycle. *European journal of neuroscience*, 38(10), 3519-3526.

Bayer, J., Schultz, H., Gamer, M., & Sommer, T. (2014). Menstrual-cycle dependent fluctuations in ovarian hormones affect emotional memory. *Neurobiology of learning and memory*, 110, 55-63.

Beaton, D. (2017). *Implementing appropriate multivariate methods for higher quality results from genetic association studies in substance abuse populations.* Doctoral dissertation. University of Texas at Dallas.

Beck, A. T. (1963). Thinking and depression: I. Idiosyncratic content and cognitive distortions. *Archives of general psychiatry,* 9(4), 324-333.

Beck, A. T. (2002). Cognitive models of depression. *Clinical advances in cognitive psychotherapy: Theory and application*, 14(1), 29-61.

Beck, A. T., & Clark, D. A. (1997). An information processing model of anxiety: Automatic and strategic processes. *Behaviour research and therapy*, 35(1), 49-58.

Becker, D., Creutzfeldt, O. D., Schwibbe, M., & Wuttke, W. (1982). Changes in physiological, EEG and psychological parameters in women during the spontaneous menstrual cycle and following oral contraceptives. *Psychoneuroendocrinology*, 7(1), 75-90.

Binder, E.B., Salyakina, D., Lichtner, P., Wochnik, G. M., Ising, M., Pütz, B. & Muller-Myhsok, B. (2004). Polymorphisms in FKBP5 are associated with increased recurrence of depressive episodes and rapid response to antidepressant treatment. *Nature genetics*, 36(12), 1319-1325.

Bitran, D., Shiekh, M., & McLeod, M. (1995). Anxiolytic effect of progesterone is mediated by the neurosteroid allopregnanolone at brain GABAA receptors. *Journal of neuroendocrinology*, 7(3), 171-177.

Bobst, C., Sauter, S., Foppa, A., & Lobmaier, J. S. (2014). Early follicular testosterone level predicts preference for masculinity in male faces–but not for women taking hormonal contraception. *Psychoneuroendocrinology*, 41, 142-150.

Bogdan, R., Perlis, R. H., Fagerness, J., & Pizzagalli, D. A. (2010). The impact of mineralocorticoid receptor ISO/VAL genotype (rs5522) and stress on reward learning. *Genes, brain and behavior*, 9(6), 658-667.

Bogdan, R., Perlis, R.H., Fagerness, J. & Pizzagalli, D.A (2010). The impact of mineralocorticoid receptor ISO/VAL genotype (rs5522) and stress on reward learning. *Genes brain behavior*, 9, 658-667.

Bogdan, R., Williamson, D. E., & Hariri, A. R. (2012). Mineralocorticoid receptor Iso/Val (rs5522) genotype moderates the association between previous childhood emotional neglect and amygdala reactivity. *American journal of psychiatry*, 169(5), 515-522.

Bone, J. K., Lewis, G., Button, K. S., Duffy, L., Harmer, C. J., Munafò, M. R., ... & Lewis, G. (2019). Variation in recognition of happy and sad facial expressions and self-reported depressive symptom severity: A prospective cohort study. *Journal of affective disorders*, 257, 461-469.

Boron, E.L., Boulpaep, W.F. (Eds.) (2012). *Medical physiology*, Second Ed., Saunders Ed, Philadelphia, USA.

Bosman, R. C., Jung, S. E., Miloserdov, K., Schoevers, R. A., & aan het Rot, M. (2016). Daily symptom ratings for studying premenstrual dysphoric disorder: A review. *Journal of affective disorders*, 189, 43-53.

Bouma, E., Riese, M., Nolte, C., Oosterom, H., Verhulst, I., Ormel, E., & Oldehinkel, F. (2011). No associations between single nucleotide polymorphisms in corticoid receptor genes and heart rate and cortisol responses to a standardized social stress test in adolescents: the TRAILS study. *Behavior genetics*, 41(2), 253-261.

Boyce, P. & Parker, G. (1989). Development of a scale to measure interpersonal sensitivity. *Australian new zealand journal of psychiatry* 23, 341-51.

Boyce, P., Parker, G., Barnett, B., Cooney, M., & Smith, F. (1991). Personality as a vulnerability factor to depression. *The british journal of psychiatry*, 159(1), 106-114.

Brinks, V., Berger, S., Gass, P., De Kloet, E. R., & Oitzl, M. S. (2009). Mineralocorticoid receptors in control of emotional arousal and fear memory. *Hormones and behavior*, 56(2), 232-238.

Brody, L.R., Hall, J. & Stokes, L.R. (2016). Gender and emotion: Theory, findings and context, in: Feldman Barrett, L., Lewis, M., Haviland-Jones, J.M. (Eds.), *Handbook of emotions*. The Guilford Press, New York, pp. 369-392.

Broome, M. R., He, Z., Iftikhar, M., Eyden, J., & Marwaha, S. (2015). Neurobiological and behavioural studies of affective instability in clinical populations: a systematic review. *Neuroscience & biobehavioral reviews*, 51, 243-254.

Brosschot, J. F., Geurts, S. A. E., Kruizinga, I., Radstaak, M., Verkuil, B., Quirin, M., & Kompier, M. A. J. (2014). Does unconscious stress play a role in prolonged cardiovascular stress recovery? *Stress and health*, 30(3), 179-187.

C

Carey, M. P., Deterd, C. H., De Koning, J., Helmerhorst, F., & De Kloet, E. R. (1995). The influence of ovarian steroids on hypothalamic-pituitary-adrenal regulation in the female rat. *Journal of endocrinology*, 144(2), 311-321.

Carr, B.R., Parker, C.R., Madden, J.D., MacDonald, P.C. & Porter JC (1979). Plasma levels of adrenocorticotropin and cortisol in women receiving oral contraceptive steroid treatment. *The journal of clinical endocrinology and metabolism,* 49, 346-349.

Carver, C.S. & Scheier, M.S. (2014). Dispositional optimism. *Trends in cognitive sciences*, 6, 293-299.

Cavallari, L. H., Groo, V. L., Viana, M. A., Dai, Y., Patel, S. R., & Stamos, T. D. (2010). Association of aldosterone concentration and mineralocorticoid receptor genotype with potassium response to spironolactone in patients with heart failure. *Pharmacotherapy: the journal of human pharmacology and drug therapy,* 30(1), 1-9.

Cavanagh, J. F., & Shackman, A. J. (2015). Frontal midline theta reflects anxiety and cognitive control: meta-analytic evidence. *Journal of physiology-Paris*, 109(1-3), 3-15.

Champagne, D. L., Bagot, R. C., van Hasselt, F., Ramakers, G., Meaney, M. J., De Kloet, E. R., ... & Krugers, H. (2008). Maternal care and hippocampal plasticity: evidence for experience-dependent structural plasticity, altered synaptic functioning, and differential responsiveness to glucocorticoids and stress. *Journal of neuroscience*, 28(23), 6037-6045.

Chapman, K., Holmes, M., & Seckl, J. (2013). 11β-hydroxysteroid dehydrogenases: intracellular gate-keepers of tissue glucocorticoid action. *Physiological reviews*, 93(3), 1139-1206.

Charney, D. S., & Manji, H. K. (2004). Life stress, genes, and depression: multiple pathways lead to increased risk and new opportunities for intervention. *Science's STKE*, 2004 (225), re5-re5.

Cheslack-Postava, K., Keyes, K. M., Lowe, S. R., & Koenen, K. C. (2015). Oral contraceptive use and psychiatric disorders in a nationally representative sample of women. *Archives of women's mental health*, 18, 103-111.

Clance, P., Imes, S., & Kovacs, Arthur L. (1978). The imposter phenomenon in high achieving women: Dynamics and therapeutic intervention. *Psychotherapy: theory, research & practice*, 15(3), 241-247.

Clark, L. A., Watson, D., & Mineka, S. (1994). Temperament, personality, and the mood and anxiety disorders. *Journal of abnormal psychology*, 103(1), 103.

Cobey, K., Buunk, A. (2012). Conducting high-quality research on the psychological impact of oral contraceptive use. *Contraception, 86*, 330-331.

Cobey, K. D., Buunk, A. P., Roberts, S. C., Klipping, C., Appels, N., Zimmerman, Y., et al. (2012). Reported jealousy differs as a function of menstrual cycle stage and contraceptive pill use: A within-subjects investigation. *Evolution and human Behavior, 33,* 395-401.

Cokley, K., Awad, G., Smith, L., Jackson, S., Awosogba, O., Hurst, A., … & Roberts, D. (2015). The roles of gender stigma consciousness, impostor phenomenon and academic self-concept in the academic outcomes of women and men. *Sex roles*, 73(9), 414-426.

Colzato, L. S., & Hommel, B. (2014). Effects of estrogen on higher-order cognitive functions in unstressed human females may depend on individual variation in dopamine baseline levels. *Frontiers in neuroscience*, 8, 65.

Cools, R. (2006). Dopaminergic modulation of cognitive function-implications for L-DOPA treatment in Parkinson's disease. *Neuroscience & biobehavioral reviews*, 30(1), 1-23.

Cooper, S. E., Goings, S. P., Kim, J. Y., & Wood, R. I. (2014). Testosterone enhances risk tolerance without altering motor impulsivity in male rats. *Psychoneuroendocrinology*, 40, 201-212.

Cornelisse, S., Joëls, M. & Smeets T (2011). A randomized trial on mineralocorticoid receptor blockade in men: effects on stress responses, selective attention, and memory. *Neuropsychopharmacology*, 36, 2720-2728.

Creutzfeldt, O. D., Arnold, P. M., Becker, D., Langenstein, S., Tirsch, W., Wilhelm, H., & Wuttke, W. (1976). EEG changes during spontaneous and controlled menstrual cycles and their correlation with psychological performance. *Electroencephalography and clinical neurophysiology*, 40(2), 113-131.

Cullberg, J. (1972). Mood changes and menstrual symptoms with different gestagen/estrogen combinations. A double-blind comparison with a placebo. *Acta psychiatrica sScandinavica. Supplementum*, 236, 1.

D

De Bondt, T., Jacquemyn, Y., Van Hecke, W., Sijbers, J., Sunaert, S., & Parizel, P. M. (2013). Regional gray matter volume differences and sex-hormone correlations as a function of menstrual cycle phase and hormonal contraceptives use. *Brain research*, 1530, 22-31.

De Kloet, E. R. (2016). Corticosteroid receptor balance hypothesis: implications for stress-adaptation. In *Stress: concepts, cognition, emotion, and behavior* (pp. 21-31). Academic Press.

De Kloet, E. R., DeRijk, R. H., & Meijer, O. C. (2007). Therapy Insight: is there an imbalanced response of mineralocorticoid and glucocorticoid receptors in depression? *Nature clinical practice endocrinology & metabolism*, 3, 168-179.

De Kloet, E. R., Joëls, M., & Holsboer, F. (2005). Stress and the brain: from adaptation to disease. *Nature reviews neuroscience*, 6(6), 463-475.

De Kloet, E. R., Meijer, O. C., de Nicola, A. F., de Rijk, R. H., & Joels, M. (2018). Importance of the brain corticosteroid receptor balance in metaplasticity, cognitive performance and neuro-inflammation. *Frontiers in neuroendocrinology*, 49, 124-145.

De Kloet, E. R., Otte, C., Kumsta, R., Kok, L., Hillegers, M. H. J., Hasselmann, H., ... & Joels, M. (2016). Stress and depression: a crucial role of the mineralocorticoid receptor. *Journal of neuroendocrinology*, 28(8).

De Kloet, E. R., Vreugdenhil, E., Oitzl, M. S., & Joëls, M. (1998). Brain corticosteroid receptor balance in health and disease. *Endocrine reviews*, 19(3), 269-301.

De Kloet, E., Otte, C., Kumsta, R., Kok, L., Hillegers, M., Hasselmann, H, Kliegel., D., Joëls, M. (2016). Stress and Depression: A crucial role of the mineralocorticoid receptor. *Journal of neuroendocrinology*, 28(8).

De Kloet, E., Vreugdenhil, E., Oitzl, M., & Joëls, M. (1998). Brain corticosteroid receptor balance in health and disease. *Endocrine reviews*, 19(3), 269-301.

De Kloet, E.R., Joëls, M. & Holsboer, F. (2005). Stress and the brain: from adaptation to disease. *Nature reviews neuroscience*, 6: 463-475.

De Kloet, E.R., Otte, C., Kumsta, R., Kok, L., Hillegers, M.H., Hasselmann, H., Kliegel, D. & Joëls, M. (2016). Stress and depression: a crucial role of the mineralocorticoid receptor. *Journal of neuroendocrinology*, 28(8).

DeBondt, T. Jacquemyn, Y., VanHecke, W., Sijbers, J., Sunaert, S., Parizel, P. (2013). Regional gray matter volume differences and sex-hormone correlations as a function of menstrual cycle phase and hormonal contraceptives use. *Brain research, 1530,* 22-31.

Deecher, D., Andree, T. H., Sloan, D., & Schechter, L. E. (2008). From menarche to menopause: exploring the underlying biology of depression in women experiencing hormonal changes. *Psychoneuroendocrinology*, 33(1), 3-17.

Deijen, J. B., Duyn, K. J., Jansen, W. A., & Klitsie, J. W. (1992). Use of a monophasic, low-dose oral contraceptive in relation to mental functioning. *Contraception*, 46(4), 359-367.

DeRijk, R. H. (2009). Single nucleotide polymorphisms related to HPA axis reactivity. *Neuroimmunomodulation*, 16(5), 340-352.

DeRijk, R. H., & de Kloet, E. R. (2008). Corticosteroid receptor polymorphisms: determinants of vulnerability and resilience. *European journal of pharmacology,* 583(2-3), 303-311.

DeRijk, R. H., van Leeuwen, N., Klok, M. D., & Zitman, F. G. (2008). Corticosteroid receptor-gene variants: modulators of the stress-response and implications for mental health. *European journal of pharmacology*, 585(2-3), 492-501.

DeRijk, R. H., Wüst, S., Meijer, O. C., Zennaro, M.C., Federenko, I. S., Hellhammer, D. H., Giacchetti, G., Vreugdenhil, E., Zitman, F.G., & de Kloet, E. R. (2006). A common polymorphism in the mineralocorticoid receptor modulates stress responsiveness. *Journal of clinical endocrinology and metaboli*sm, 91(12), 5083-5089.

Derntl, B., Kryspin-Exner, I., Fernbach, E., Moser, E., & Habel, U. (2008). Emotion recognition accuracy in healthy young females is associated with cycle phase. *Hormones and Behavior*, 53(1), 90-95.

DeSoto, M. C., Geary, D. C., Hoard, M. K., Sheldon, M. S., & Cooper, L. (2003). Estrogen fluctuations, oral contraceptives and borderline personality. *Psychoneuroendocrinology*, 28(6), 751-766.

Deuter, C. E., Wingenfeld, K., Schultebraucks, K., Hellmann-Regen, J., Piber, D., & Otte, C. (2017). Effects of mineralocorticoid-receptor stimulation on risk taking behavior in young healthy men and women. *Psychoneuroendocrinology*, 75, 132-140.

Dougherty, D.M., Bjork, J.M., Huang, D. & Moeller, F.G. (1997). The relationship between self-reported menstrual symptomatology and aggression measured in the laboratory, *Personal and individual differences*, 3, 381-391.

Dreher, J. C., Schmidt, P. J., Kohn, P., Furman, D., Rubinow, D., & Berman, K. F. (2007). Menstrual cycle phase modulates reward-related neural function in women. *Proceedings of the national academy of sciences*, 104(7), 2465-2470.

Durand, G. (2018a). Influence of allelic variations in relation to norepinephrine and mineralocorticoid receptors on psychopathic traits: A pilot study. *PeerJ,* 6(3), E4528.

Durand, G. (2018b). Demystification of the Relationship Between Psychopathy and Happiness. *Journal of happiness Studies*, 19(2), 381-395.

Dykman, B., Abramson, L., Alloy, L., Hartlage, S., & Sarason, Irwin G. (1989). Processing of ambiguous and unambiguous feedback by depressed and non-depressed college students: schematic biases and their Implications for depressive realism. *Journal of personality and social psychology*, 56(3), 431-445.

E

Edwards, C. R. W., Burt, D., McIntyre, M. A., De Kloet, E. R., Stewart, P. M., Brett, L., ... & Monder, C. (1988). Localisation of 11β-hydroxysteroid dehydrogenase-tissue specific protector of the mineralocorticoid receptor. *The lancet*, 332(8618), 986-989.

Ehlers, A. (1993). Interoception and panic disorder. *Advances in behaviour research and therapy*, 15(1), 3-21.

Eig, J. (2014). *The birth of the pill: How four crusaders reinvented sex and launched a revolution*. New York: W.W. Norton & Company.

Ekman, P., & Friesen, W. V. (1976). Measuring facial movement. *Environmental psychology and nonverbal behavior*, 1(1), 56-75.

Ellis, A. J., Wells, T. T., Vanderlind, W. M., & Beevers, C. G. (2014). The role of controlled attention on recall in major depression. *Cognition & emotion*, 28(3), 520-529.

Endedijk, H., Nelemans, S., Schür, R., Boks, M., Lier, P., Meeus, W., ... & Vinkers, C. (2020). The role of stress and mineralocorticoid receptor haplotypes in the development of symptoms of depression and anxiety during adolescence. *Frontiers in ps*ychiatry, 11, 367.

Endedijk, H., Nelemans, Schür, R., Boks, M., Meeus, W., Vinkers, C… & Branje. (2019). The role of stressful parenting and mineralocorticoid receptor haplotypes on social development during adolescence and young adulthood. *Journal of youth and adolescence*, 1-18.

Engman, J., Linnman, C., Van Dijk, K. R., & Milad, M. R. (2016). Amygdala subnuclei resting-state functional connectivity sex and estrogen differences. *Psychoneuroendocrinology*, 63, 34-42.

Engman, J., Poromaa, I. S., Moby, L., Wikström, J., Fredrikson, M., & Gingnell, M. (2018). Hormonal cycle and contraceptive effects on amygdala and salience resting-state networks in women with previous affective side effects on the pill. *Neuropsychopharmacology*, 43(3), 555-563.

Eysenck, M. (1992). Anxiety: The cognitive perspective. *Essays in cognitive psychology*, 47332328). Hove [etc.]: Lawrence Erlbaum Associates.

F

Fauser, B.C., Lagro-Janssen, A.L., Bos, A.M. (2013). *Handboek vrouwspecifieke geneeskunde*. Houten: Prelum Uitgevers.

Fava, M., Hwang, I., Rush, A. J., Sampson, N., Walters, E. E., & Kessler, R. C. (2010). The importance of irritability as a symptom of major depressive disorder: results from the National Comorbidity Survey Replication. *Molecular psychiatry*, 15(8), 856-867.

Felitti, V. J., Anda, R. F., Nordenberg, D., Williamson, D. F., Spitz, A. M., Edwards, V., . . . Marks, J. S. (1998). Relationship of childhood abuse and household dysfunction to many of the leading causes of death in adults: The Adverse Childhood Experiences (ACE) Study. *American journal of preventive medicine*, 14, 245-258.

Felten, D. L., O'Banion, M. K., & Maida, M. E. (2015). *Netter's atlas of neuroscience*. Elsevier Health Sciences.

Figueroa, C. A., Ruhé, H. G., Koeter, M. W., Spinhoven, P., Van der Does, W., Bockting, C. L., & Schene, A. H. (2015). Cognitive reactivity versus dysfunctional cognitions and the prediction of relapse in recurrent major depressive disorder. *The Journal of clinical Psychiatry*, 10E1306.

Fink, G. (Ed.) (2016). *Stress: concepts, cognition, emotion, and behavior: Handbook of stress series (Vol.1)*. Academic Press.

Fleischman, D. S., Navarrete, C. D., & Fessler, D. M. (2010). Oral contraceptives suppress ovarian hormone production. *Psychological science,* 21(5), 750-752.

Franke, L.K. (2017). *Mineralocorticoid receptor genotype influences resting state EEG theta/beta ratio in women*. (Research master thesis, Leiden University, The Netherlands).

Fries, E., Dettenborn, L., Kirschbaum, C. (2009). The cortisol awakening response (CAR): facts and future directions. *International journal of psychophysiology*, 72, 67-73.

Fritzsche, A., Dahme, B., Gotlib, I. H., Joormann, J., Magnussen, H., Watz, H., ... & von Leupoldt, A. (2010). Specificity of cognitive biases in patients with current depression and remitted depression and in patients with asthma. *Psychological medicine*, 40(5), 815.

Frokjaer, V.G., Pinborg, A., Holst, K.K., Overgaard, A., Henningsson, S., Heede, M., Larsen, E.C., … & Knudsen, G.M. (2015). Role of serotonin transporter changes in depressive responses to sex-steroid hormone manipulation: a positron emission tomography study. *Biological psychiatry*, 78, 534-543.

FSRH *Clinical Guidance: Combined Hormonal Contraception – March 2021*. Retrieved on the Internet on https://www.fsrh.org/standards-and-guidance/documents/combined-hormonal-contraception/.

Funder, J. W., Pearce, P. T., Smith, R., & Smith, A. I. (1988). Mineralocorticoid action: target tissue specificity is enzyme, not receptor, mediated. *Science*, 242(4878), 583-585.

G

Gasbarri, A., Pompili, A., d'Onofrio, A., Cifariello, A., Tavares, M., Tomaz, C. (2008). Working memory for emotional facial expressions: role of the estrogen in young women. *Psychoneuroendocrinology*, 33, 964-972.

Geerling, J. C., & Loewy, A. D. (2009). Aldosterone in the brain. *American journal of physiology-renal physiology*, 297(3), F559-F576.

Gerritsen, L., Milaneschi, Y., Vinkers, C. H., Van Hemert, A.M., Van Velzen, L., Schmaal, L., & Penninx, B. W. (2017). HPA axis genes, and their interaction with childhood maltreatment, are related to cortisol levels and stress-related phenotypes. *Neuropsychopharmacology*, 42(12), 2446.

Gillies, G. E., Virdee, K., McArthur, S., & Dalley, J. W. (2014). Sex-dependent diversity in ventral tegmental dopaminergic neurons and developmental programing: a molecular, cellular and behavioral analysis. *Neuroscience*, 282, 69-85.

Gingnell, M., Engman, J., Frick, A., Moby, L., Wikström, J., Fredrikson, M., & Sundström-Poromaa, I. (2013). Oral contraceptive use changes brain activity and mood in women with previous negative affect on the pill—a double-blinded, placebo-controlled randomized trial of a levonorgestrel-containing combined oral contraceptive. *Psychoneuroendocrinology*, 38(7), 1133-1144.

Gogos, A. (2013). Natural and synthetic sex hormones: Effects on higher-order cognitive function and prepulse inhibition. *Biological psychology*, 93(1), 17-23.

Gogos, A., Wu, Y. C., Williams, A. S., & Byrne, L. K. (2014). The effects of ethinylestradiol and progestins ("the pill") on cognitive function in pre-menopausal women. *Neurochemical research*, 39(12), 2288-2300.

Goldberg, D. P., Gater, R., Sartorius, N., Ustun, T. B., Piccinelli, M., Gureje, O., & Rutter, C. (1997). The validity of two versions of the GHQ in the WHO study of mental illness in general health care. *Psychological medicine*, 27(1), 191-197.

Gonda, X., Telek, T., Juhasz, G., Lazary, J., Vargha, A., & Bagdy, G. (2008). Patterns of mood changes throughout the reproductive cycle in healthy women without premenstrual dysphoric disorders. *Progress in neuro-psychopharmacology and biological psychiatry*, 32(8), 1782-1788.

Goodstein, D. (2010). *On fact and fraud: Cautionary tales from the front lines of science*. Princeton University Press.

Gratton, G., Coles, M. G., & Donchin, E. (1983). A new method for off-line removal of ocular artifact. *Electroencephalography and clinical neurophysiology*, 55(4), 468-484.

Groeneweg, F. L., Karst, H., de Kloet, E. R., & Joëls, M. (2012). Mineralocorticoid and glucocorticoid receptors at the neuronal membrane, regulators of nongenomic corticosteroid signalling. *Molecular and cellular endocrinology*, 350(2), 299-309.

Guapo, V. G., Graeff, F. G., Zani, A. C. T., Labate, C. M., dos Reis, R. M., & Del-Ben, C. M. (2009). Effects of sex hormonal levels and phases of the menstrual cycle in the processing of emotional faces. *Psychoneuroendocrinology*, 34(7), 1087-1094.

H

Haaga, D., Dyck, M., Ernst, D., & Steinberg, Robert J. (1991). Empirical Status of Cognitive Theory of Depression. *Psychological bulletin*, 110(2), 215-236.

Haig, M. (2015). *Reasons to stay alive*. Edinburgh: Canongate Books.

Hall, J. R., & Benning, S. D. (2006). The "successful" psychopath. *Handbook of pPsychopathy*, 459-478.

Haller, J., Mikics, É., & Makara, G. B. (2008). The effects of non-genomic glucocorticoid mechanisms on bodily functions and the central neural system. A critical evaluation of findings. *Frontiers in neuroendocrinology*, 29(2), 273-291.

Hampson, E., van Anders, S. M., & Mullin, L. I. (2006). A female advantage in the recognition of emotional facial expressions: Test of an evolutionary hypothesis. *Evolution and human behavior*, 27(6), 401-416.

Hamstra, D. (2013). *The effect of a single dose fludrocortisone, a MR-agonist, on emotional information processing in healthy female volunteers*. (Research master thesis, Leiden University, The Netherlands).

Hamstra, D. A., de Kloet, E. R., de Rover, M., & Van der Does, W. (2017b). Oral contraceptives positively affect mood in healthy PMS-free women: A longitudinal study. *Journal of Psychosomatic Research*, 103, 119-126.

Hamstra, D. A., De Kloet, E. R., Van Hemert, A. M., De Rijk, R. H., & Van der Does, A. J. W. (2015). Mineralocorticoid receptor haplotype, oral contraceptives and emotional information processing. *Neuroscience*, 286, 412-422.

Hamstra, D. A., De Rover, M., De Rijk, R. H., & Van der Does, W. (2014). Oral contraceptives may alter the detection of emotions in facial expressions. *European neuropsychopharmacology*, 24(11), 1855-1859.

Hamstra, D.A., De Kloet, E., Tollenaar, M., Verkuil, B., Manai, M., Putman, P. & Van der Does, W. (2016). Mineralocorticoid receptor haplotype moderates the effects of oral contraceptives and menstrual cycle on emotional information processing. *Journal of psychopharmacology*, 10, 1054-1061.

Hamstra, D.A., de Kloet, E.R., Quataert, I. Jansen, M. & Van der Does, W. (2017). Mineralocorticoid receptor haplotype, estradiol, progesterone and emotional information processing. *Psychoneuroendocrinology*, 76, 162-173.

Handa, R. J., & Weiser, M. J. (2014). Gonadal steroid hormones and the hypothalamo–pituitary–adrenal axis. *Frontiers in neuroendocrinology*, 35(2), 197-220.

Handa, Robert J., Burgess, Loyd H., Kerr, J.E., & Keefe, J. A. (1994). Gonadal steroid hormone receptors and sex differences in the hypothalamo-pituitary-adrenal axis. *Hormones and behavior*, 28(4), 464-476.

Harald, B., & Gordon, P. (2012). Meta-review of depressive subtyping models. *Journal of affective disorders*, 139(2), 126–140.

Harkness, K., Sabbagh, M., Jacobson, J., Chowdrey, N., & Chen, T. (2005). Enhanced accuracy of mental state decoding in dysphoric college students. *Cognition & emotion*, 19(7), 999-1025.

Harmer, C. J., Bhagwagar, Z., Perrett, D. I., Völlm, B. A., Cowen, P. J., & Goodwin, G. M. (2003). Acute SSRI administration affects the processing of social cues in healthy volunteers. *Neuropsychopharmacology*, 28(1), 148-152.

Harmer, C. J., Goodwin, G. M., & Cowen, P. J. (2009). Why do antidepressants take so long to work? A cognitive neuropsychological model of antidepressant drug action. *The british journal of psychiatry*, 195(2), 102-108.

Harmer, C. J., Hill, S. A., Taylor, M. J., Cowen, P. J., & Goodwin, G. M. (2003). Toward a neuropsychological theory of antidepressant drug action: increase in positive emotional bias after potentiation of norepinephrine activity. *American journal of psychiatry*, 160(5), 990-992.

Harmer, C. J., Shelley, N. C., Cowen, P. J., & Goodwin, G. M. (2004). Increased positive versus negative affective perception and memory in healthy volunteers following selective serotonin and norepinephrine reuptake inhibition. *American journal of psychiatry*, 161(7), 1256-1263.

Harmer, C., Cowen, P., Goodwin, G. (2011). Efficacy markers in depression. *Journal of psychopharmacology*, 25, 1148.

Harmer, C., Goodwin, G. & Cowen, P. (2009). Why do antidepressants take so long to work? A cognitive neuropsychological model of antidepressant action. *British journal of psychiatry*, 195, 102-108.

Harris, R. (2017). *Rigor Mortis: How sloppy science creates worthless cures, crushes hope, and wastes billion*s. Hachette Book Group, New York.

Harvey, A. (2004). *Cognitive behavioral processes across psychological disorders: A transdiagnostic approach to research and treatment*. Chapter 2 and 3. Oxford [etc.]: Oxford University Press.

Hather, R., Trussel, J., Cates, W., Stewart, F., Kowal, D. (2007). *Contraceptive technology*. 19th revised ed. New York: Ardent Media.

Heck, A. L., & Handa, R. J. (2019). Sex differences in the hypothalamic–pituitary–adrenal axis' response to stress: an important role for gonadal hormones. *Neuropsychopharmacology*, 44(1), 45-58.

Henckens, M. J., van Wingen, G. A., Joëls, M., & Fernández, G. (2012). Time-dependent effects of cortisol on selective attention and emotional interference: a functional MRI study. *Frontiers in integrative neuroscience*, 6, 66.

Hermans, E. J., Henckens, M. J., Joëls, M., & Fernández, G. (2014). Dynamic adaptation of large-scale brain networks in response to acute stressors. *Trends in neurosciences*, 37(6), 304-314.

Herzberg, B. N., Johnson, A. L., & Brown, S. (1970). Depressive symptoms and oral contraceptives. *British medical journal*, 4(5728), 142-145.

Hjelmervik, H., Hausmann, M., Osnes, B., Westerhausen, R., & Specht, K. (2014). Resting states are resting traits–an FMRI study of sex differences and menstrual cycle effects in resting state cognitive control networks. *PloS one*, 9(7), e103492.

Hoekstra, H.A., Ormel, J. & de Fruyt, F. (1996). *Handleiding NEO persoonlijkheids-vragenlijsten NEO-PI-R en NEO-FFI.* Swets Test Services, Lisse.

Hofman, D., Terburg, D., van Wielink, L., & Schutter, D. J. (2013). Coalescence of dominance motivation and responses to facial anger in resting-state and event-related electrophysiology. *NeuroImage*, 79, 138-144.

Holländer, A., Hausmann, M., Hamm, J.P., Corballis, M.C. (2005). Sex hormonal modulation of hemispheric asymmetries in the attentional blink. *Journal of the international neuropsychological society*, 11, 263-272

Holsboer, F. (1999). The rationale for corticotropin-releasing hormone receptor (CRH-R) antagonists to treat depression and anxiety. *Journal of psychiatric research*, 33(3), 181-214.

Holsboer, F. (2000). The corticosteroid receptor hypothesis of depression. *Neuropsychopharmacology*, 23(5), 477-501.

Homberg, J. (2012). Genetic sensitivity to the environment, across lifetime. *Behavioral and brain sciences*, 35(5), 368.

Homberg, J. R., & Lesch, K. P. (2011). Looking on the bright side of variation. *Biological psychiatry*, 69(6), 513-519.

Hoogendijk, W. & de Rek, W. (2017). *Van big bang tot burnout*. First ed. Amsterdam: Balans.

I

Ingram, R. (1986). *Information processing approaches to clinical psychology* (Personality, psychopathology and psychotherapy. 041574028). Orlando [etc.]: Academic Press.

Ingram, R. (1990). Self-focused attention in clinical disorders: Review and a conceptual model. *Psychological bulletin*, 107(Mar 90), 156-176.

Ioannidis, J.P.A. (2005). Why most published research findings are false'. *PLoS Medicine*, 2.8, e124.

J

Jack, D. (2019). *Silencing the self: Women and depression*. Cambridge, Mass. [etc.]: Harvard University Press.

Jaisser, F., & Farman, N. (2016). Emerging roles of the mineralocorticoid receptor in pathology: toward new paradigms in clinical pharmacology. *Pharmacological reviews*, 68(1), 49-75.

James, S. L., Abate, D., Abate, K. H., Abay, S. M., Abbafati, C., Abbasi, N., ... & Abdollahpour, I. (2018). Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The lancet,* 392(10159), 1789-1858.

Jarva, J. A., & Oinonen, K. A. (2007). Do oral contraceptives act as mood stabilizers? Evidence of positive affect stabilization. *Archives of women's mental health*, 10(5), 225-234.

Joëls, M., Karst, H., DeRijk, R., & de Kloet, E. R. (2008). The coming out of the brain mineralocorticoid receptor. *Trends in neurosciences*, 31(1), 1-7.

Joëls, M., Sarabdjitsingh, R. A., & Karst, H. (2012). Unraveling the time domains of corticosteroid hormone influences on brain activity: rapid, slow, and chronic modes. *Pharmacological reviews*, 64(4), 901-938.

Jones E, Boron E, Walter F, Boulpaep (Eds.), *Medical Physiology*, Second Ed., Saunders Ed, Phil, USA; 2012: 1150-1160.

Joormann J, Talbot L, Gotlib I (2007). Biased processing of emotional information in girls at risk for depression. *Journal of abnormal psychology,* 116(1) 135-143.

Joormann, & Stanton. (2016). Examining emotion regulation in depression: A review and future directions. *Behaviour research and therapy*, 86, 35-49.

Joormann, J., & Gotlib, I. H. (2007). Selective attention to emotional faces following recovery from depression. *Journal of abnormal psychology*, 116(1), 80.

Joormann, J., & Stanton, C. H. (2016). Examining emotion regulation in depression: A review and future directions. *Behaviour research and therapy*, 86, 35-49.

Joormann, J., Gotlib, I., & Watson, David. (2006). Is this happiness I see? Biases in the identification of emotional facial expressions in depression and social phobia. *Journal of abnormal psychology*, 115(4), 705-714.

Junod, S., & Marks, L. (2002). Women's trials: The approval of the first oral contraceptive pill in the United States and Great Britain. *Journal of the history of medicine and allied sciences*, 57(2), 117-160.

K

Kahneman, D. (2011). *Thinking, fast and slow* (1st ed.). Chapter 38. New York: Farra, Straus and Giroux.

Kamboj, S. K., Krol, K. M., & Curran, H. V. (2015). A specific association between facial disgust recognition and estradiol levels in naturally cycling women. *PloS One*, 10(4), e0122311.

Karst, H., Berger, S., Erdmann, G., Schütz, G., & Joëls, M. (2010). Metaplasticity of amygdalar responses to the stress hormone corticosterone. *Proceedings of the national academy of sciences*, 107(32), 14449-14454.

Karst, H., Berger, S., Turiault, M., Tronche, F., Schütz, G., & Joëls, M. (2005). Mineralocorticoid receptors are indispensable for nongenomic modulation of hippocampal glutamate transmission by corticosterone. *Proceedings of the national academy of sciences*, 102(52), 19204-19207.

Kay, C. R. (1984). The royal college of general practitioners' oral contraception study: some recent observations. *Clinics in obstetrics and gynaecology*, 11(3), 759-786.

Keller, J., Gomez, R., Williams, G., Lembke, A., Lazzeroni, L., Murphy, G., & Schatzberg, A. (2016). HPA Axis in Major Depression: Cortisol, Clinical Symptomatology, and Genetic Variation Predict Cognition. *Molecular psychiatry*, 22(4), 527-536.

Kendler, K.S., Gatz, M., Gardner, C.O. et al. (2006). A Swedish national twin study of lifetime major depression. *American journal of psychiatry,* 163(1); 109-114.

Kennis, M., Gerritsen, L., van Dalen, M., Williams, A., Cuijpers, P., & Bockting, C. (2019). Prospective biomarkers of major depressive disorder: a systematic review and meta-analysis. *Molecular psychiatry,* 1-18.

Keyes, K. M., Cheslack-Postava, K., Westhoff, C., Heim, C. M., Haloossim, M., Walsh, K., & Koenen, K. (2013). Keyes et al. Respond to "hormonal contraception and mood". *American journal of epidemiology*, 178(9), 1392-1393.

Kirmayer, L. J. (2001). Cultural variations in the clinical presentation of depression and anxiety: implications for diagnosis and treatment. *Journal of clinical psychiatry*, 62, 22-3.

Kirschbaum, C., Kudielka, B. M., Gaab, J., Schommer, N. C., & Hellhammer, D. H. (1999). Impact of gender, menstrual cycle phase, and oral contraceptives on the activity of the hypothalamus-pituitary-adrenal axis. *Psychosomatic medicine*, 61(2), 154-162.

Kirschbaum, C., Pirke, K.M., & Hellhammer, D.H. (1993). The 'Trier Social Stress Test'– a tool for investigating psychobiological stress responses in a laboratory setting. *Neuropsychobiology*, 28, 76-81.

Klok, M. D. (2011). *Mineralocorticoid receptor in human brain: a key player in resilience*. Doctoral thesis. Division of Medical Pharmacology, Leiden/Amsterdam Center for Drug Research, Faculty of Science, Leiden University.

Klok, M. D., Alt, S. R., Lafitte, A. J. I., Turner, J. D., Lakke, E. A., Huitinga, I., ... & DeRijk, R. H. (2011). Decreased expression of mineralocorticoid receptor mRNA and its splice variants in postmortem brain regions of patients with major depressive disorder. *Journal of psychiatric research*, 45(7), 871-878.

Klok, M. D., Giltay, E. J., van der Does, A. J. W., Geleijnse, J. M., Antypa, N., Penninx, B. W. J. H., de Geus, E.J., Willemse, G., Boomsma, D.I., van Leeuwen, N., Zitman, F.G., deKloet, E.R., & DeRijk, R. H. (2011b). A common and functional mineralocorticoid receptor haplotype enhances optimism and protects against depression in females. *Translational psychiatry*, 1, e62.

Klok, M. D., Vreeburg, S. A., Penninx, B. W. J. H., Zitman, F. G., de Kloet, E. R., & DeRijk, R. H. (2011c). Common functional mineralocorticoid receptor polymorphisms modulate the cortisol awakening response: Interaction with SSRIs. *Psychoneuroendocrinology*, 36(4), 484-494.

Klok, M., Giltay, E., van der Does, A., Geleijnse, J., Antypa, N., Penninx, B., de Geus, E., Willemsen, G., Boomsma, D., van Leeuwen, N., Zitman, F., de Kloet, R., DeRijk, R. (2011a). A common and functional mineralocorticoid receptor haplotype enhances optimism and protects against depression in females. *Translatational psychiatry*, 1, 1-8.

Klok, M.D., Alt, S.R., Irurzun Lafitte, A.J., Turner, J.D., Lakke, E.A., Huiting,a I., Muller, C.P., Zitman, F.G., de Kloet, E.R. & Derijk, R.H. (2011a). Decreased expression of mineralocorticoid receptor mRNA and its splice variants in postmortem brain regions of patients with major depressive disorder. *Journal of psychiatric research*, 45, 871-878.

Knyazev, G. G. (2007). Motivation, emotion, and their inhibitory control mirrored in brain oscillations. *Neuroscience & biobehavioral reviews*, 31(3), 377-395.

Knyazev, G. G., & Slobodskaya, H. R. (2003). Personality trait of behavioral inhibition is associated with oscillatory systems reciprocal relationships. *International journal of psychophysiology*, 48(3), 247-261.

Kornstein, S.G. & Clayton, A.H. (eds) (2002). *Women's health*. First Ed. Guilford Press, New York, USA.

Korte, S. M., De Boer, S. F., De Kloet, E. R., & Bohus, B. (1995). Anxiolytic-like effects of selective mineralocorticoid and glucocorticoid antagonists on fear-enhanced behavior in the elevated plus-maze. *Psychoneuroendocrinology*, 20(4), 385-39

Krattenmacher, R. (2000). Drospirenone: pharmacology and pharmacokinetics of a unique progestogen. *Contraception*, 62(1), 29-38.

Krause-Utz, A., Oei, N. Y., Niedtfeld, I., Bohus, M., Spinhoven, P., Schmahl, C., & Elzinga, B. M. (2012). Influence of emotional distraction on working memory performance in borderline personality disorder. *Psychological medicine*, 42(10), 2181.

Kruijt, A. W., Antypa, N., Booij, L., de Jong, P. J., Glashouwer, K., Penninx, B. W., & Van der Does, W. (2013). Cognitive reactivity, implicit associations, and the incidence of depression: a two-year prospective study. *Plos one*, 8(7), e70245.

Kruk, M. R., Haller, J., Meelis, W., & de Kloet, E. R. (2013). Mineralocorticoid receptor blockade during a rat's first violent encounter inhibits its subsequent propensity for violence. *Behavioral neuroscience*, 127(4), 505.

Kudielka, B.M. & Kirschbaum, C. (2005). Sex differences in HPA axis responses to stress: a review. *Biological psychology*, 69, 113-132.

Kuehner, C., & Weber, I. (1999). Responses to depression in unipolar depressed patients: An investigation of Nolen-Hoeksema's response styles theory. *Psychological medicine*, 29(6), 1323-1333.

Kulkarni, J. (2007). Depression as a side effect of the contraceptive pill. *Expert opinion on drug safety*, 6(4), 371-374.

Kumsta, R., Kliegel, D., Linden, M., DeRijk, R., & de Kloet, E. R. (2019). Genetic variation of the mineralocorticoid receptor gene (MR, NR3C2) is associated with a conceptual endophenotype of "CRF-hypoactivity". *Psychoneuroendocrinology*, 105, 79-85.

Kuningas, M., De Rijk, R. H., Westendorp, R. G., Jolles, J., Slagboom, P. E., & Van Heemst, D. (2007). Mental performance in old age dependent on cortisol and genetic variance in the mineralocorticoid and glucocorticoid receptors. *Neuropsychopharmacology*, 32(6), 1295-1301.

Kurver, M., Van Der Wijden, C., & Burgers, J. (2012). Summary of the Dutch College of General Practitioners' practice guideline 'Contraception'. *Nederlands tijdschrift voor geneeskunde*, 156(41), A5083.

Kutner, S. & Brown, W. (1972). Types of oral contraceptives, depression and premenstrual symptoms. *Journal of nervous and mental disease,* 155, 153-162.

L

Lang, P.J., Bradley, M.M. & Cuthbert, B.N. (2005). International Affective Picture System (IPS): digitized photographs, instruction manual and affective ratings. *Technical report A-6*, Gainesville: University of Florida.

Lawrie, T., Helmerhorst, F., Maitra, N., Kulier, R., Bloemenkamp, K., & Glmezoglu, A. (2004). Types of progestogens in combined oral contraception: Effectiveness and side-effects. *Cochrane fertility regulation group*, (3), CD004861.

Lebron-Milad, K., & Milad, M. R. (2012). Sex differences, gonadal hormones and the fear extinction network: implications for anxiety disorders. *Biology of mood & anxiety disorders*, 2(1), 3.

Lethaby, A., Hogervorst, E., Richards, M., Yesufu, A., & Yaffe, K. (2008). Hormone replacement therapy for cognitive function in postmenopausal women. *Cochrane database of systematic reviews*, (1).

Liao, P. V., & Dollin, J. (2012). Half a century of the oral contraceptive pill: historical review and view to the future. *Canadian family physician*, 58(12), e757–e760.

Lisofsky, N., Riediger, M., Gallinat, J., Lindenberger, U. & Kuhn, S., (2016). Hormonal contraceptive use is associated with neural and affective changes in healthy young women. *Neuroimage*, 134, 597-606.

Little, A. C., Burriss, R. P., Petrie, M., Jones, B. C., & Roberts, S. C. (2013). Oral contraceptive use in women changes preferences for male facial masculinity and is associated with partner facial masculinity. *Psychoneuroendocrinology*, 38(9), 1777-1785.

Lösel, R. M., & Wehling, M. (2008). Classic versus non-classic receptors for nongenomic mineralocorticoid responses: emerging evidence. *Frontiers in neuroendocrinology*, 29(2), 258-267.

Lu, N. Z., Wardell, S. E., Burnstein, K. L., Defranco, D., Fuller, P. J., Giguere, V., ... & Wilson, E. M. (2006). International Union of Pharmacology. LXV. The pharmacology and classification of the nuclear receptor superfamily: glucocorticoid, mineralocorticoid, progesterone, and androgen receptors. *Pharmacological reviews*, 58(4), 782-797.

Lupien, S. J., McEwen, B. S., Gunnar, M. R., & Heim, C. (2009). Effects of stress throughout the lifespan on the brain, behaviour and cognition. *Nature reviews neuroscience*, 10(6), 434-445.

M

Macoveanu, J., Henningsson, S., Pinborg, A., Jensen, P., Knudsen, G., Frokjaer, V., & Siebner, H. (2016). Sex-steroid hormone manipulation reduces brain response to reward. *Neuropsychopharmacology*, 41(4), 1057-1065.

Mallareddy, M., Hanes, V., & White, W. B. (2007). Drospirenone, a new progestogen, for postmenopausal women with hypertension. *Drugs & aging*, 24(6), 453-466.

Maner, J. K., & Miller, S. L. (2014). Hormones and social monitoring: Menstrual cycle shifts in progesterone underlie women's sensitivity to social information. *Evolution and human behavior*, 35(1), 9-16.

Maner, J. K., Miller, S. L., Schmidt, N. B., & Eckel, L. A. (2010). The endocrinology of exclusion: Rejection elicits motivationally tuned changes in progesterone. *Psychological science*, 21(4), 581-588.

Marcus, S.M., Kerber, K.B., Rush, A.J., … Trivedi (2008). Sex differences in depression symptoms in treatment-seeking adults: confirmatory analyses from the sequenced treatment alternatives to relieve depression study. *Comprehensive psychiatry*, 49(3), 238-246.

Marjoribanks, J., Brown, J., O'Brien, P., & Wyatt, K. (2013). Selective serotonin reuptake inhibitors for premenstrual syndrome. *Cochrane database of systematic reviews*, 2013(6), CD001396.

Massar, S. A., Kenemans, J. L., & Schutter, D. J. (2014). Resting-state EEG theta activity and risk learning: sensitivity to reward or punishment? *International journal of psychophysiology*, 91(3), 172-177.

Matthews, G. (2016). Distress. In *Stress: Concepts, cognition, emotion, and behavior* (pp. 219-226). Academic Press.

Matthews, G., Deary, I. J., & Whiteman, M. C. (2003). *Personality traits*. Cambridge University Press.

McCambridge, J., Witton, J., & Elbourne, D. R. (2014). Systematic review of the Hawthorne effect: new concepts are needed to study research participation effects. *Journal of clinical epidemiology*, 67(3), 267-277.

McCarney, R., Warner, J., Iliffe, S., Van Haselen, R., Griffin, M., & Fisher, P. (2007). The Hawthorne Effect: a randomised, controlled trial. *BMC medical research methodology*, 7(1), 30.

Mccarthy, G., Puce, A., Gore, J., Truett, T. (1997). Face-specific processing in the human fusiform gyrus. *Journal of cognitive neuroscience,* 9(5), 605-610.

McCrae, R. R., & Costa, P. T. (1987). Validation of the five-factor model of personality across instruments and observers. *Journal of personality and social psychology*, 52(1), 81.

McEwen, B. (2002). Estrogen actions throughout the brain. *Recent progress in hormone research*, 57, 357-384.

McEwen, B. S. (2014). Sex, stress and the brain: interactive actions of hormones on the developing and adult brain. *Climacteric*, 17(sup2), 18-25.

McEwen, B. S. (2016). Central role of the brain in stress and adaptation: Allostasis, biological embedding, and cumulative change. In *Stress: concepts, cognition, emotion, and behavior* (pp. 39-55). Academic Press.

McEwen, B. S., & Alves, S. E. (1999). Estrogen actions in the central nervous system. *Endocrine reviews*, 20(3), 279-307.

McEwen, B. S., Akama, K. T., Spencer-Segal, J. L., Milner, T. A., & Waters, E. M. (2012). Estrogen effects on the brain: actions beyond the hypothalamus via novel mechanisms. *Behavioral neuroscience,* 126(1), 4.

McEwen, B., Gray, J., & Nasca, C. (2015). 60 Years of neuroendocrinology: Redefining neuroendocrinology: stress, sex and cognitive and emotional regulation. *Journal of endocrinology,* 226(2), T67-T83.

McVay, M. A., Copeland, A. L., & Geiselman, P. J. (2011). Eating disorder pathology and menstrual cycle fluctuations in eating variables in oral contraceptive users and non-users. *Eating behaviors*, 12(1), 49-55.

Medina, A., Seasholtz, A. F., Sharma, V., Burke, S., Bunney, W., Myers, R.M ... Watson, S. J. (2012). Glucocorticoid and mineralocorticoid receptor expression in the human hippocampus in major depressive disorder. Journal of psychiatric research, 47(3), 307-314.

Mehta, D., Newport, D.J., Frishman, G., Kraus, L., Rex- Haffner, M., Ritchie, J.C., Lori, A., Knight, B.T., Stagnaro, E., Ruepp, A., Stowe, Z.N. & Binder, E.B. (2014). Early predictive biomarkers for postpartum depression point to a role for estrogen receptor signaling. *Psychological medicine*, 44, 2309-2322.

Mehta, D., Rex-Haffner, M., Søndergaard, H. B., Pinborg, A., Binder, E., & Frokjaer, V. G. (2019). Biological changes in a pharmacologically–induced depression model confirm the role of estrogen sensitivity in perinatal depression. *European neuropsychopharmacology*, 29, S45-S46.

Milad, M., Zeidan, M., Contero, A., Pitman, R., Klibanski, A., Rauch, S., Goldstein, J. (2010). The influence of gonadal hormones on conditioned fear extinction in healthy humans. *Neuroscience,* 168, 652- 658.

Milak, M. S., Parsey, R. V., Keilp, J., Oquendo, M. A., Malone, K. M., & Mann, J. J. (2005). Neuroanatomic correlates of psychopathologic components of major depressive disorder. *Archives of general psychiatry*, 62(4), 397-408.

Milders, M., Bell, S., Platt, J., Serrano, R., & Runcie, O. (2010). Stable expression recognition abnormalities in unipolar depression. *Psychiatry research*, 179(1), 38-42.

Miller, E. K. (2000). The prefontral cortex and cognitive control. *Nature reviews neuroscience*, 1(1), 59.

Mitchell, V. E., & Welling, L. L. (2020). Not all progestins are created equally: considering unique progestins individually in psychobehavioral research. *Adaptive human behavior and physiology*, 6(1), 1-32.

Mogg, K. & Bradley, B.P. (2016). Anxiety and attention to threat: Cognitive mechanisms and treatment with attention bias modification. *Behaviour research and therapy*, 87, 76-108.

Montoya, E. R., & Bos, P. A. (2017). How oral contraceptives impact social-emotional behavior and brain function. *Trends in cognitive sciences*, 21(2), 125-136.

Moos, R. H. (1968). The development of a menstrual distress questionnaire. *Psychosomatic medicine*, 30(6), 853-867.

Mordecai, Rubin, & Maki. (2008). Effects of menstrual cycle phase and oral contraceptive use on verbal memory. *Hormones and behavior*, 54(2), 286-293.

Morrison, A. S., Brozovich, F. A., Lakhan-Pal, S., Jazaieri, H., Goldin, P. R., Heimberg, R. G., & Gross, J. J. (2016). Attentional blink impairment in social anxiety disorder: Depression comorbidity matters. *Journal of behavior therapy and experimental psychiatry*, 50, 209-214.

Mukherjee, S. (2016). *The gene, an intimate history*. Scribner, New York.

Murphy, F. C., Rubinsztein, J. S., Michael, A., Rogers, R. D., Robbins, T. W., Paykel, E. S., & Sahakian, B. J. (2001). Decision-making cognition in mania and depression. *Psychological medicine*, 31(4), 679.

N

Nielsen, S. E., Segal, S. K., Worden, I. V., Yim, I. S., & Cahill, L. (2013). Hormonal contraception use alters stress responses and emotional memory. *Biological psychology*, 92(2), 257-266.

Nolen-Hoeksema S. (1995). Epidemiology and theories of gender differences in unipolar depression. In: Seeman, M.V., ed. *Gender and psychopathology*. Washington: American Psychiatric Press.

Nolen-Hoeksema, S. (1991). Responses to depression and their effects on the duration of depressive episodes. *Journal of abnormal psychology*, 100(4), 569.

Nolen-Hoeksema, S. (2012). Emotion regulation and psychopathology: The role of gender. *Annual review of clinical psychology*, 8, 161-187.

O

Ochsner, K. N. & Gross, J. J. (2014). Chapter 2: The neural bases of emotion and emotion regulation: a valuation perspective. In: *Handbook of emotion regulation*. Second edition. Guilford publications, New York.

Ochsner, K. N., & Gross, J. J. (2005). The cognitive control of emotion. *Trends in cognitive sciences*, 9(5), 242-249.

Ochsner, K. N., Silvers, J. A., & Buhle, J. T. (2012). Functional imaging studies of emotion regulation: a synthetic review and evolving model of the cognitive control of emotion. *Annals of the new york academy of sciences*, 1251, E1.

Oelkers, W. (2002). Antimineralocorticoid activity of a novel oral contraceptive containing drospirenone, a unique progestogen resembling natural progesterone. *The european journal of contraception & reproductive health care*, 7, 19-26.

Oinonen, K. & Mazmanian, D. (2002) To what extent do oral contraceptives influence mood and affect? *Journal of affective disorders*, 70, 229-240.

Oitzl, M. S., & De Kloet, E. R. (1992). Selective corticosteroid antagonists modulate specific aspects of spatial orientation learning. *Behavioral neuroscience*, 106(1), 62.

Oliver, M. N., & Simons, J. S. (2004). The affective lability scales: Development of a short-form measure. *Personality and individual differences*, 37(6), 1279-1288.

Opmeer, E. M. (2013). *Linking depression: longitudinal and neuroimaging genetic studies in major depressive disorder*. (Doctoral dissertation, Groningen University, The Netherlands).

Osório, F.L., de Paula Cassis, J.M., Machado de Sousa, J.P., Poli-Neto, O. & Martín-Santos, R. (2018) Sex hormones and processing of facial expressions of emotion: a systematic literature review. *Frontiers in psychology*, (9)529, 1-14.

Ossewaarde, L., Hermans, E. J., van Wingen, G. A., Kooijman, S. C., Johansson, I. M., Bäckström, T., & Fernández, G. (2010). Neural mechanisms underlying changes in stress-sensitivity across the menstrual cycle. *Psychoneuroendocrinology*, 35(1), 47-55.

Ossewaarde, L., Van Wingen, G. A., Kooijman, S. C., Bäckström, T., Fernández, G., & Hermans, E. J. (2011). Changes in functioning of mesolimbic incentive processing circuits during the premenstrual phase. *Social cognitive and affective neuroscience*, 6(5), 612-620.

Ott, M. A., Shew, M. L., Ofner, S., Tu, W., & Fortenberry, J. D. (2008). The influence of hormonal contraception on mood and sexual interest among adolescents. *Archives of sexual behavior*, 37, 605-613.

Ottaviani, C., Shahabi, L., Tarvainen, M., Cook, I., Abrams, M., & Shapiro, D. (2015). Cognitive, behavioral, and autonomic correlates of mind wandering and perseverative cognition in major depression. *Frontiers in neuroscience*, 8, 433.

Otte, C., Hinkelmann, K., Moritz, S., Yassouridis, A., Jahn, H., Wiedemann, K., & Kellner, M. (2010). Modulation of the mineralocorticoid receptor as add-on treatment in depression: a randomized, double-blind, placebo-controlled proof-of-concept study. *Journal of psychiatric res*earch, 44(6), 339-346.

Otte, C., Moritz, S., Yassouridis, A., Koop, M., Madrischewski, A. M., Wiedemann, K., & Kellner, M. (2007). Blockade of the mineralocorticoid receptor in healthy men: effects on experimentally induced panic symptoms, stress hormones, and cognition. *Neuropsychopharmacology*, 32(1), 232-238.

Otte, C., Wingenfeld, K., Kuehl, L. K., Kaczmarczyk, M., Richter, S., Quante, A., ... & Hinkelmann, K. (2015). Mineralocorticoid receptor stimulation improves cognitive function and decreases cortisol secretion in depressed patients and healthy individuals. *Neuropsychopharmacology*, 40(2), 386-393.

Ottowitz, W. E., Derro, D., Dougherty, D. D., Lindquist, M. A., Fischman, A. J., & Hall, J. E. (2008). Analysis of amygdalar-cortical network covariance during pre-versus post-menopausal estrogen levels: potential relevance to resting state networks, mood, and cognition. *Neuro endocrinology letters*, 29(4), 467.

P

Pahnke, R., Mau-Moeller, A., Junge, M., Wendt, J., Weymar, M., Hamm, A. & Lischke, A. (2019) Oral contraceptives impair complex emotion recognition in healthy women. *Frontiers in neuroscience*, 12, 1041.

Patchev, V.K., Shoaib, M., Holsboer, F., Almeida, O. (1994). The neurosteroid tetra-hydroprogesterone counteracts corticotropin-releasing hormone-induced anxiety and alters the release and gene expression of corticotropin-releasing hormone in the rat hypothalamus. *Neuroscience*, 62, 265 -271.

Payne, J. L., Palmer, J. T. & Joffe, H. (2009). A reproductive subtype of depression: conceptualizing models and moving toward etiology. *Harvard review of psychiatry*, 17(2), 72-86.

Pearlstein, T., Yonkers, K.A., Fayyad, R., & Gillespie, J.A. (2005). Pretreatment pattern of symptom expression in premenstrual dysphoric disorder. *Journal of affective disorders*, 3, 272-282.

Pearson, R. M., Lightman, S. L., & Evans, J. (2009). Emotional sensitivity for motherhood: late pregnancy is associated with enhanced accuracy to encode emotional faces. *Hormones and behavior*, 56(5), 557-563.

Peper, J. S., van den Heuvel, M. P., Mandl, R. C., Pol, H. E. H., & van Honk, J. (2011). Sex steroids and connectivity in the human brain: a review of neuroimaging studies. *Psychoneuroendocrinology*, 36(8), 1101-1113.

Petersen, N., Kilpatrick, L. A., Goharzad, A., & Cahill, L. (2014). Oral contraceptive pill use and menstrual cycle phase are associated with altered resting state functional connectivity. *Neuroimage*, 90, 24-32.

Plath, S. (1972). *The bell jar* (1963). London: Faber & Faber.

Pletzer, B. A., & Kerschbaum, H. H. (2014). 50 years of hormonal contraception – time to find out, what it does to our brain. *Frontiers in neuroscience*, 8, 256.

Pletzer, B., Kronbichler, M., & Kerschbaum, H. (2015). Differential effects of androgenic and anti-androgenic progestins on fusiform and frontal gray matter volume and face recognition performance. *Brain research*, 1596, 108-115.

Pletzer, B., Kronbichler, M., Aichhorn, M., Bergmann, J., Ladurner, G., Kerschbaum, H. (2010). Menstrual cycle and hormonal contraceptive use modulate human brain structure. *Brain research,* 1348, 55-62.

Pletzer, B., Kronbichler, M., Nuerk, H. C., & Kerschbaum, H. (2014). Hormonal contraceptives masculinize brain activation patterns in the absence of behavioral changes in two numerical tasks. *Brain research*, 1543, 128-142.

Plotsky, P. M., Owens, M. J., & Nemeroff, C. B. (1998). Psychoneuroendocrinology of depression: hypothalamic-pituitary-adrenal axis. *Psychiatric clinics of north america*, 21, 293-307.

Poromaa, I. S., & Segebladh, B. (2012). Adverse mood symptoms with oral contraceptives. *Acta obstetricia et gynecologica scandinavica*, 91(4), 420-427.

Putman, P., van Peer, J., Maimari, I. & van der Werff, S. (2010). EEG theta/beta ratio in relation to fear-modulated response-inhibition, attentional control, and affective traits. *Biological Psychology,* 83, 73-78.

Putman, P., Verkuil, B., Arias-Garcia, E., Pantazi, I., & van Schie, C. (2014). EEG theta/beta ratio as a potential biomarker for attentional control and resilience against deleterious effects of stress on attention. *Cognitive, affective, & behavioral neuroscience*, 14(2), 782-791.

Putnam, K. T., Harris, W. W., & Putnam, F. W. (2013). Synergistic childhood adversities and complex adult psychopathology. *Journal of traumatic stress*, 26(4), 435-442.

Q

Quinkler, M., & Diederich, S. (2002). Difference of in vivo and in vitro antimineralocorticoid potency of progesterone. *Endocrine research*, 28(4), 465-470.

Quinkler, M., Meyer, B., Bumke-Vogt, C., Grossmann, C., Gruber, U., Oelkers, W., & Bähr, V. (2002). Agonistic and antagonistic properties of progesterone metabolites at the human mineralocorticoid receptor. *European journal of endocrinology*, 146(6), 789-800.

Quinkler, M., Meyer, B., Bumke-Vogt, C., Grossmann, C., Gruber, U., Oelkers, W., ... & Bahr, V. (2002). Agonistic and antagonistic properties of progesterone metabolites at the human mineralocorticoid receptor. *European journal of endocrinology*, 146(6), 789-799.

Quirin, M., Kazén, M., & Kuhl, J. (2009). When nonsense sounds happy or helpless: the implicit positive and negative affect test (IPANAT). *Journal of personality and social psychology*, 97(3), 500.

R

Raadsheer, F. C., Hoogendijk, W. J., Stam, F. C., Tilders, F. J., & Swaab, D. F. (1994). Increased numbers of corticotropin-releasing hormone expressing neurons in the hypothalamic paraventricular nucleus of depressed patients. *Neuroendocrinology*, 60(4), 436-444.

Raap, D., Doncarlos, L., Garcia, F., Muma, N., Wolf, W., … & Battaglia, G. (2000). Estrogen desensitizes 5-HT(1A) receptors and reduces levels of G(z), G(i1) and G(i3) proteins in the hypothalamus. *Neuropharmacology*, 39, 1823-1832.

Rachman, S. (2004). *Anxiety* (2nd ed., Clinical Psychology. 175563357). Hove [etc.]: Psychology Press.

Radke, & Derntl. (2016). Affective responsiveness is influenced by intake of oral contraceptives. *European neuropsychopharmacology*, 26(6), 1014-1019.

Raymer, K. A., Waters, R. F., & Price, C. R. (2005). Proposed multigenic composite inheritance in major depression. *Medical hypotheses*, 65(1), 158-172.

Reul, J. M & De Kloet, E.R. (1985). Two receptor systems for corticosterone in rat brain: microdistribution and differential occupation. *Endocrinology*, 117(6), 2505-2511.

Ritter, D. (2003). Effects of menstrual cycle phase on reporting levels of aggression using the Buss and Perry Aggression Questionnaire. *Aggression and behavior*, 29, 531-538.

Rivera, R., Yacobson, I., & Grimes, D. (1999). The mechanism of action of hormonal contraceptives and intrauterine contraceptive devices. American *journal of obstetrics and gynecology*, 181(5), 1263-1269.

Robakis, T. K., Holtzman, J., Stemmle, P. G., Reynolds-May, M. F., Kenna, H. A., & Rasgon, N. L. (2015). Lamotrigine and GABAA receptor modulators interact with menstrual cycle phase and oral contraceptives to regulate mood in women with bipolar disorder. *Journal of affective disorders*, 175, 108-115.

Rogers, R. D., Tunbridge, E. M., Bhagwagar, Z., Drevets, W. C., Sahakian, B. J., & Carter, C. S. (2003). Tryptophan depletion alters the decision-making of healthy volunteers through altered processing of reward cues. *Neuropsychopharmacology*, 28(1), 153-162.

Rohleder N, Schommer NC, Hellhammer DH, Engel R, & Kirschbaum C. (2001). Sex differences in glucocorticoid sensitivity of proinflammatory cytokine production after psychosocial stress. *Psychosomatic medicine*, 63, 966-972.

Roos, A., Lochner, C., Kidd, M., van Honk, J., Vythilingum, B., & Stein, D. J. (2012). Selective attention to fearful faces during pregnancy. *Progress in neuro-psychopharmacology and biological psychiatry*, 37(1), 76-80.

Rovaris, D. L., Mota, N. R., Bertuzzi, G. P., Aroche, A. P., Callegari-Jacques, S. M., Guimarães, L. S., ... & Grassi-Oliveira, R. (2015). Corticosteroid receptor genes and childhood neglect influence susceptibility to crack/cocaine addiction and response to detoxification treatment. *Journal of psychiatric research*, 68, 83-90.

Rozeboom, A. M., Akil, H., & Seasholtz, A. F. (2007). Mineralocorticoid receptor overexpression in forebrain decreases anxiety-like behavior and alters the stress response in mice. *Proceedings of the national academy of sciences*, 104(11), 4688-4693.

Rudolph, K.D., Hammen, C., Burge, D. (1994). Interpersonal functioning and depressive symptoms in childhood: addressing the issues of specificity and comorbidity. *Journal of abnormal child psychology*, 22, 355-371.

S

Sacher, J., Okon-Singer, H., & Villringer, A. (2013). Evidence from neuroimaging for the role of the menstrual cycle in the interplay of emotion and cognition. *Frontiers in human neuroscience*, 7, 374.

Sapolsky, R. M. (2004). *Why zebras don't get ulcers: The acclaimed guide to stress, stress-related diseases, and coping-now revised and updated*. Holt paperbacks.

Sarubin, N., Hilbert, S., Naumann, F., Zill, P., Wimmer, A., Nothdurfter, C.& Schüle, M. (2017). The sex-dependent role of the glucocorticoid receptor in depression: Variations in the NR3C1 gene are associated with major depressive disorder in women but not in men. *European archives of psychiatry and clinical neuroscience*, 267(2), 123-133.

Schaffir, J., Worly, B. L., & Gur, T. L. (2016). Combined hormonal contraception and its effects on mood: a critical review. *The european journal of contraception & reproductive health care*, 21(5), 347-355.

Schmidt, P., Nieman, L., Danaceau, M., Adams, L., & Rubinow, D. (1998). Differential behavioral effects of gonadal steroids in women with and in those without premenstrual syndrome. *The new England journal of medicine*, 338(4), 209-216.

Schultheiss, O. C., Dargel, A., & Rohde, W. (2003). Implicit motives and gonadal steroid hormones: Effects of menstrual cycle phase, oral contraceptive use, and relationship status. *Hormones and behavior*, 43(2), 293-301.

Schutter, D. J., & Van Honk, J. (2005). Electrophysiological ratio markers for the balance between reward and punishment. *Cognitive brain research*, 24(3), 685-690.

Schwabe, L., Schächinger, H., de Kloet, E. R., & Oitzl, M. S. (2010). Corticosteroids operate as a switch between memory systems. *Journal of cognitive neuroscience*, 22(7), 1362-1372.

Schwabe, L., Tegenthoff, M., Höffken, O., & Wolf, O. T. (2013). Mineralocorticoid receptor blockade prevents stress-induced modulation of multiple memory systems in the human brain. *Biological psychiatry*, 74(11), 801-808.

Segerstrom, S. C. (2001). Optimism and attentional bias for negative and positive stimuli. *Personality and social psychology bulletin*, 27(10), 1334-1343.

Sheehan, D., Lecrubier, Y., Sheehan, K., Aamarim, P., Janavs, J., Weiller, E., Hergueta, T., Baker, R., Dunbar, G. (1998). The MINI-International Neuropsychiatric Interview (M.I.N.I.): the development and validation of a structured diagnostic psychiatruic interview for DSM-IV and ICD-10. *Journal of clinical pychiatry,* 59, Suppl 20, 22-33.

Shiffman, S., Stone, A. A. & Hufford, M. R. (2008). Ecological momentary assessment. *Annual Reviews on Clinical Psychology*, 4, 1-32.

Shirazi, T. N., Rosenfield, K. A., Cárdenas, R. A., Breedlove, S. M., & Puts, D. A. (2020). No evidence that hormonal contraceptive use or circulating sex steroids predict complex emotion recognition. *Hormones and behavior*, 119, 104647.

Shull, A., Mayer, S. E., McGinnis, E., Geiss, E., Vargas, I., & Lopez-Duran, N. L. (2016). Trait and state rumination interact to prolong cortisol activation to psychosocial stress in females. *Psychoneuroendocrinology*, 74, 324-332

Siegel A, Sapru H. (2011). *Essential Neuroscience*, Second Edition, Lippincott Williams & Wilkins, Baltimore: USA.

Singer, W. (1993). Synchronization of cortical activity and its putative role in information processing and learning. *Annual review of physiology*, 55(1), 349-374.

Sitruk-Ware, R. (2005). New progestagens for contraceptive use. *Human reproduction update*, 12(2), 169-178.

Sitruk-Ware, R. (2005). Pharmacology of different progestogens: the special case of drospirenone. *Climacteric*, 8(sup3), 4-12.

Skovlund, C. W., Mørch, L. S., Kessing, L. V., & Lidegaard, Ø. (2016). Association of hormonal contraception with depression. *JAMA psychiatry*, 73(11), 1154-1162.

Slagter, H.A., Tomer, R., Christian, B.T., Fox, A.S., Colzato, L.S., King, C.R., ... & Davidson, R.J. (2012). PET evidence for a role for striatal dopamine in the attentional blink: Functional implications. *Journal of cognitive neuroscience*, 24(9), 1932-1940.

Smith, R., & Lane, R. D. (2016). Unconscious emotion: A cognitive neuroscientific perspective. *Neuroscience & biobehavioral reviews*, 69, 216-238.

Soares, C. N., & Zitek, B. (2008). Reproductive hormone sensitivity and risk for depression across the female life cycle: a continuum of vulnerability? *Journal of psychiatry & neuroscience,* 4, 331-343.

Solberg Nes, L. S. (2016). Optimism, pessimism, and stress. In *Stress: concepts, cognition, emotion, and behavior* (pp. 405-411). Academic Press.

Solis, E, Antypa, N., Conijn, J., Kelderman H., Van der Does, W. (2017). Psychometric properties of the Leiden Index of Depression Sensitivity (LEIDS). *Psychological Assessment*, 29(2), 158.

Solis-Ortiz, S., Ramos, J., Arce, C., Guevara, M. A., & Corsi-Cabrera, M. (1994). EEG oscillations during menstrual cycle. *International journal of neuroscience*, 76(3-4), 279-292.

Solis, E., Antypa, N., Conijn, J. M., Kelderman, H., & Van Der Does, W. (2016). Psychometric properties of the Leiden index of depression. *Psychological assessment. Advance online publication*.

Solomon, A. (2001). *The Noonday Demon*. An atlas of depression. Scribner, New York, NY.

Sommer, T., Richter, K., Singer, F., Derntl, B., Rune, G., Diekhof, E., & Bayer, J. (2018). Effects of the experimental administration of oral estrogen on prefrontal functions in healthy young women. *Psychopharmacology*, 235(12), 3465-3477.

Stahl, M. (2013). Antidepressants. In *Stahl's essential psychopharmacology*. Neuroscientific basis and practical application. Cambridge University Press. New York.

Stanczyk, F. Z. (2003). All progestins are not created equal. *Steroids*, 68(10–13), 879-890.

Stanczyk, F. Z., Hapgood, J. P., Winer, S., & Mishell Jr, D. R. (2013). Progestogens used in postmenopausal hormone therapy: differences in their pharmacological properties, intracellular actions, and clinical effects. *Endocrine reviews*, 34(2), 171-208.

Stanton, S. J., Liening, S. H., & Schultheiss, O. C. (2011). Testosterone is positively associated with risk taking in the Iowa Gambling Task. *Hormones and behavior*, 59(2), 252-256.

Sundström Poromaa, I., & Gingnell, M. (2014). Menstrual cycle influence on cognitive function and emotion processing–from a reproductive perspective. *Frontiers in neuroscience*, 8, 380, 1-16.

Sundström-Poromaa, I & Segebladh, B. (2012). Adverse mood effects with oral contraceptives. *Acta obstetricia et gynecologica Scandinavica*, 91, 420-427.

Sundström-Poromaa, I. (2018). The menstrual cycle influences emotion but has limited effect on cognitive function. *Vitamins and hormones*, 107, 349-376.

Suslow, T., Ihme, K., Quirin, M., Lichev, V., Rosenberg, N., Bauer, J., ... & Lobsien, D. (2015). Implicit affectivity and rapid processing of affective body language: an fMRI study. *Scandinavian journal of psychology*, 56(5), 545-552.

Svendal, G., Berk, M., Pasco, J. A., Jacka, F. N., Lund, A., Williams, L. J. (2012). The use of hormonal contraceptive agents and mood disorders in women. *Journal of affective disorders*, 140(1), 92-96.

T

Tabachnick, B. G., Fidell, L. S., & Ullman, J. B. (2007). *Using multivariate statistics*. Boston, MA: Pearson.

Teasdale, J. D. (1997). The relationship between cognition and emotion: The mind-in-place in mood disorders. In D. M. Clark & C. G. Fairburn (Eds.), *Science and practice of cognitive behaviour therapy* (p. 67-93). Oxford University Press.

Teatero, M. L., Mazmanian, D., & Sharma, V. (2014). Effects of the menstrual cycle on bipolar disorder. *Bipolar disorders*, 16(1), 22-36.

Ter Heegde, F., De Rijk, R. H., & Vinkers, C. H. (2015). The brain mineralocorticoid receptor and stress resilience. *Psychoneuroendocrinology*, 52, 92-110.

Ter Horst, J. P., Carobrez, A. P., Van Der Mark, M. H., De Kloet, E. R., & Oitzl, M. S. (2012). Sex differences in fear memory and extinction of mice with forebrain-specific disruption of the mineralocorticoid receptor. *European journal of neuroscience*, 36(8), 3096-3102.

Ter Horst, J. P., Kentrop, J., Arp, M., Hubens, C. J., de Kloet, E. R., & Oitzl, M. S. (2013). Spatial learning of female mice: a role of the mineralocorticoid receptor during stress and the estrous cycle. *Frontiers in behavioral neuroscience*, 7, 56.

Terburg, D., Aarts, H., & van Honk, J. (2012). Testosterone affects gaze aversion from angry faces outside of conscious awareness. *Psychological science*, 23(5), 459-463.

Thayer, R. E., Newman, J. R., & McClain, T. M. (1994). Self-regulation of mood: Strategies for changing a bad mood, raising energy, and reducing tension. *Journal of personality and social psychology*, 67(5), 910.

Thomas, J. M., Higgs, S., & Dourish, C. T. (2016). Test–retest reliability and effects of repeated testing and satiety on performance of an Emotional Test Battery. *Journal of clinical and experimental neuropsychology*, 38(4), 416-433.

Thomas, L. A., De Bellis, M. D., Graham, R., & LaBar, K. S. (2007). Development of emotional facial recognition in late childhood and adolescence. *Developmental science*, 10(5), 547-558.

Toffol, E., Heikinheimo, O., Koponen, P., Luoto, R., & Partonen, T. (2012). Further evidence for lack of negative associations between hormonal contraception and mental health. *Contraception*, 86(5), 470-480.

Tops, M. & Wijers, A.A. (2011). Letter to the editor Re: "The effect of cortisol on emotional responses depends on order of cortisol and placebo administration in a within-subject design" by Wirth et al. *Psychoneuroendocrinology,* 36, 1097-1099.

Tops, M., Huffmeijer, R., Linting, M., Grewen, K.M., Light, K.C., Koole, S.L., Bakermans-Kranenburg, M.J. & van IJzendoorn, M.H. (2013). The role of oxytocin in familiarization-habituation responses to social novelty. *Frontiers in Psychology*, 4, 761.

Tortella-Feliu, M., Morillas-Romero, A., Balle, M., Llabrés, J., Bornas, X., & Putman, P. (2014). Spontaneous EEG activity and spontaneous emotion regulation. *International journal of psychophysiology*, 94(3), 365-372.

Trussell, J., & Kost, K. (1987). Contraceptive failure in the United States: a critical review of the literature. S*tudies in family planning*, 18(5), 237-283.

U

Upton, D. J., Bishara, A. J., Ahn, W. Y., & Stout, J. C. (2011). Propensity for risk taking and trait impulsivity in the Iowa Gambling Task. *Personality and individual differences*, 50(4), 492-495.

V

Van de Kar, L. & Blair M. (1999). Forebrain pathways mediating stress-induced hormone secretion. *Frontiers in neuroendocrinology*, 20, 1-48.

Van den Broeck (2014). *De echte vader van de pil. Het verhaal van de man die de vrouw bevrijdde*. De Bezige Bij, Antwerpen.

Van der Does, W. (2002). Cognitive reactivity to sad mood: structure and validity of a new measure. *Behaviour research and therapy*, 40(1), 105-119.

Van der Kolk, B. A. (2015). *The body keeps the score: Brain, mind, and body in the healing of trauma.* Penguin Books, USA.

Van Dijk, E. H., Schellevis, R. L., van Bergen, M. G., Breukink, M. B., Altay, L., Scholz, P., ... & Boon, C. J. (2017). Association of a haplotype in the NR3C2 gene, encoding the mineralocorticoid receptor, with chronic central serous chorioretinopathy. *JAMA ophthalmology*, 135(5), 446-451

Van Heusden, A. M., & Fauser, B. C. J. M. (1999). Activity of the pituitary-ovarian axis in the pill-free interval during use of low-dose combined oral contraceptives. *Contraception*, 59(4), 237-243.

Van Heusden, A. M., & Fauser, B. C. J. M. (2002). Residual ovarian activity during oral steroid contraception. *Human reproduction update*, 8(4), 345-358.

Van Leeuwen, N. (2010c). *Mineralocorticoid receptor variants. Implications for stress, blood pressure and personality*. Doctoral thesis. Division of Medical Pharmacology, Leiden/Amsterdam Center for Drug Research, Faculty of Science, Leiden University.

Van Leeuwen, N., Bellingrath, S., de Kloet, E. R., Zitman, F. G., DeRijk, R. H., Kudielka, B. M. & Wüst, S. (2011). Human mineralocorticoid receptor (MR) gene haplotypes modulate MR expression and transactivation: implication for the stress response. *Psychoneuroendocrinology*, 36(5), 699-709.

Van Leeuwen, N., Caprio, M., Blaya, C., Fumeron, F., Sartorato, P., Ronconi, V., G, …& Zennaro, M. (2010a). The functional c.-2G > G variant of the mineralocorticoid receptor modulates blood pressure, renin, and aldosterone levels. *Hypertension*, 56(5), 995-1002.

Van Leeuwen, N., Kumsta, R., Entringer, S., de Kloet, E. R., Zitman, F. G., DeRijk, R. H., & Wust, S. (2010b). Functional mineralocorticoid receptor (MR) gene variation influences the cortisol awakening response after dexamethasone. *Psychoneuroendocrinology*, 35(3), 339-349.

Van Praag, H. M. (1996). Serotonin-related, anxiety/aggression-driven, stressor-precipitated depression. A psycho-biological hypothesis. *European psychiatry*, 11(2), 57-67.

Van Son, D. (2019). *EEG theta/beta ratio: a marker of executive control and its relation with anxiety-linked attentional bias for threat*. (Doctoral dissertation, Faculty of Social and Behavioural Sciences, Leiden University).

Van Son, D., Angelidis, A., Hagenaars, M. A., van der Does, W., & Putman, P. (2018). Early and late dot-probe attentional bias to mild and high threat pictures: Relations with EEG theta/beta ratio, self-reported trait attentional control, and trait anxiety. *Psychophysiology*, 55(12), e13274.

Van Son, D., De Blasio, F. M., Fogarty, J. S., Angelidis, A., Barry, R. J., & Putman, P. (2019). Frontal EEG theta/beta ratio during mind wandering episodes. *Biological Psychology*, 140, 19-27.

Van Son, D., Schalbroeck, R., Angelidis, A., van der Wee, N. J., van der Does, W., & Putman, P. (2018). Acute effects of caffeine on threat-selective attention: moderation by anxiety and EEG theta/beta ratio. *Biological psychology*, 136, 100-110.

Van Vliet, I. M., & De Beurs, E. (2007). The MINI-International Neuropsychiatric Interview. A brief structured diagnostic psychiatric interview for DSM-IV en ICD-10 psychiatric disorders. *Tijdschrift voor psychiatrie*, 49(6), 393-397.

Van Wingen, G. A., Ossewaarde, L., Bäckström, T., Hermans, E. J., & Fernández, G. (2011). Gonadal hormone regulation of the emotion circuitry in humans. *Neuroscience*, 191, 38-45.

Van Wingen, G. A., Van Broekhoven, F., Verkes, R. J., Petersson, K. M., Bäckström, T., Buitelaar, J., & Fernandez, G. (2008). Progesterone selectively increases amygdala reactivity in women. *Molecular psychiatry*, 13(3), 325-333.

Verhoeven, F. E. (2014). *Rain with chances of a thunderstorm: on the role of anger in depression* (Doctoral dissertation, Faculty of Social and Behavioural Sciences, Leiden University).

Vessey, M. P., McPherson, K., Lawless, M., & Yeates, D. (1985). Oral contraception and serious psychiatric illness: absence of an association. *The British journal of psychiatry*, 146(1), 45-49.

Viau, V., & Meaney, M.J. (1991). Variations in the hypothalamic-pituitary-adrenal response to stress during the estrous cycle in the rat. *Endocrinology*, 129, 2503-2511.

Vinkers, C. H., Joëls, M., Milaneschi, Y., Gerritsen, L., Kahn, R. S., Penninx, B. W., & Boks, M. P. (2015). Mineralocorticoid receptor haplotypes sex-dependently moderate depression susceptibility following childhood maltreatment. *Psychoneuroendocrinology*, 54, 90-102.

Vogel, S., Fernández, G., Joëls, M., & Schwabe, L. (2016). Cognitive adaptation under stress: a case for the mineralocorticoid receptor. *Trends in cognitive sciences*, 20(3), 192-203.

Vogel, S., Gerritsen, L., van Oostrom, I., Arias-Vásquez, A., Rijpkema, M., Joëls, M., ... & Fernández, G. (2014). Linking genetic variants of the mineralocorticoid receptor and negative memory bias: interaction with prior life adversity. *Psychoneuroendocrinology*, 40, 181-190.

Vogel, S., Klumpers, F., Krugers, H. J., Fang, Z., Oplaat, K. T., Oitzl, M. S., ... & Fernández, G. (2015). Blocking the mineralocorticoid receptor in humans prevents the stress-induced enhancement of centromedial amygdala connectivity with the dorsal striatum. *Neuropsychopharmacology*, 40(4), 947-956.

W

Wambach, G., & Higgins, J. R. (1978). Antimineralocorticoid action of progesterone in the rat: correlation of the effect on electrolyte excretion and interaction with renal mineralocorticoid receptors. *Endocrinology*, 102(6), 1686-1693.

Warren, A. M., Gurvich, C., Worsley, R., & Kulkarni, J. (2014). A systematic review of the impact of oral contraceptives on cognition. *Contraception*, 90(2), 111-116.

Warren, M. B., Cowen, P. J., & Harmer, C. J. (2019). Subchronic treatment with St John's wort produces a positive shift in emotional processing in healthy volunteers. *Journal of psychopharmacology*, 33(2), 194-201.

Watson, D., Clark, L. A., & Tellegen, A. (1988). Development and validation of brief measures of positive and negative affect: the PANAS scales. *Journal of personality and social psychology*, 54(6), 1063.

Wax, R. (2013). *Sane new world: taming the mind*. London: Hodder & Stoughton.

Webster, M.J., Knable, M.B., O'Grady, J., Orthmann, J. & Weickert, C.S. (2002). Regional specificity of brain glucocorticoid receptor mRNA alterations in subjects with schizophrenia and mood disorders. *Molecular psychiatry*, 7(9), 985-994.

Weissman, M. M.; Klerman, G.L. (1977). Sex differences and the epidemiology of depression. *Archives of general psychiatry*, 34, 98-111.

Welling, L. L. M. (2013). Psychobehavioral effects of hormonal contraceptive use. *Evolutionary psychology*, 11(3), 718–742.

Whitton, S. W., Weitbrecht, E. M., Kuryluk, A. D., & Bruner, M. R. (2013). Committed dating relationships and mental health among college students. *Journal of american college healt*h, 61(3), 176-183.

WHO. (n.d.). *Depression.* Fact sheet. Updated February 2017. Retrieved March 2021, from http://www.who.int/mediacentre/factsheets/fs369/en/

Wickstrom, G. & Bendix, T. (2000): The "Hawthorne effect": what did the original Hawthorne studies actually show? *Scandinavian journal of work, environment & health*, 26, 363-367.

Wiebe, E. R. (2013). Invited commentary: how can we reconcile the findings of Keyes et al.'s study with the experience of our patients in clinical practice? *American journal of epidemiology*, 178(9), 1389-1391.

Wilhelm, K., Boyce, P., & Brownhill, S. (2004). The relationship between interpersonal sensitivity, anxiety disorders and major depression. *Journal of affective disorders*, 79(1-3), 33-41.

Wilhelm, O., Hildebrandt, A., Manske, K., Schacht, A., & Sommer, W. (2014). Test battery for measuring the perception and recognition of facial expressions of emotion. *Frontiers in psychology*, 5, 404.

Wingenfeld, K., & Otte, C. (2019). Mineralocorticoid receptor function and cognition in health and disease. *Psychoneuroendocrinology*, 105, 25-35.

Wirth, M. (2011). Beyond the HPA axis: Progesterone-derived neuroactive steroids in human stress and emotion. *Frontiers in endocrinology*, 2, 19.

Wirth, M. M., & Schultheiss, O. C. (2006). Effects of affiliation arousal (hope of closeness) and affiliation stress (fear of rejection) on progesterone and cortisol. *Hormones and behavior*, 50(5), 786-795.

Wirth, M. M., & Schultheiss, O. C. (2007). Basal testosterone moderates responses to anger faces in humans. *Physiology & behavior*, 90(2-3), 496-505.

Wirz, L., Reuter, M., Wacker, J., Felten, A., & Schwabe, L. (2017). A haplotype associated with enhanced mineralocorticoid receptor expression facilitates the stress-induced shift from "cognitive" to "habit" learning. *eNeuro*, 4(6).

Wood, R. I., Armstrong, A., Fridkin, V., Shah, V., Najafi, A., & Jakowec, M. (2013). 'Roid rage in rats? Testosterone effects on aggressive motivation, impulsivity and tyrosine hydroxylase. *Physiology & behavior*, 110, 6-12.

Wray, N. R., Ripke, S., Mattheisen, M., Trzaskowski, M., Byrne, E. M., Abdellaoui, A., ... & Bacanu, S. A. (2018). Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. *Nature genetics*, 50(5), 668.

Wu, T., Chen, S., Brinton, R. (2011). Membrane estrogen receptors mediate calcium signaling and MAP kinase activation in individual hippocampal neurons. *Brain research,* 1379, 34-43.

Y

Yonkers, K. A., Cameron, B., Gueorguieva, R., Altemus, M., & Kornstein, S. G. (2017). The influence of cyclic hormonal contraception on expression of premenstrual syndrome. *Journal of women's health*, 26(4), 321-328.

Young, A. W., Rowland, D., Calder, A. J., Etcoff, N. L., Seth, A., & Perrett, D. I. (1997). Facial expression megamix: Tests of dimensional and category accounts of emotion recognition. *Cognition*, 63(3), 271-313.

Young, E. A., Kornstein, S. G., Harvey, A. T., Wisniewski, S. R., Barkin, J., Fava, M., ... & Rush, A. J. (2007). Influences of hormone-based contraception on depressive symptoms in premenopausal women with major depression. *Psychoneuroendocrinology*, 32, 843-853.

Z

Zeidan, M., Igoe, S., Linnman, C., Vitalo, A., Levine, J., Klibanski, A., Goldstein, J., Milad, M. (2011). Estradiol modulates medial prefrontal cortex and amygdala activity during fear extinction in women and female rats. *Biological psychiatry,* 70, 920–927.

Zethraeus, N., Dreber, A., Ranehill, E., Blomberg, L., Labrie, F., von Schoultz, B., ... & Hirschberg, A. L. (2017). A first-choice combined oral contraceptive influences general well-being in healthy women: a double-blind, randomized, placebo-controlled trial. *Fertility and sterility*, 107(5), 1238-1245.

Zhou, M., Bakker, E. H., Velzing, E. H., Berger, S., Oitzl, M., Joëls, M., & Krugers, H. J. (2010). Both mineralocorticoid and glucocorticoid receptors regulate emotional memory in mice. *Neurobiology of learning and memory*, 94(4), 530-537.

Zimmerman, Y., Eijkemans, M., Coelingh Bennink, H., Blankenstein, M., & Fauser, B. (2014). The effect of combined oral contraception on testosterone levels in healthy women: a systematic review and meta-analysis. *Human reproduction update*, 20(1), 76-105.

Zoccola, P. M., Quas, J. A., & Yim, I. (2010). Salivary cortisol responses to a psychosocial laboratory stressor and later verbal recall of the stressor: The role of trait and state rumination. *Stress*, 13(5), 435-443.