**References**

Ahles, T. A., & Saykin, A. J. (2007). Candidate mechanisms for chemotherapy-induced cognitive changes. *Nature Reviews Cancer, 7*(3), 192-201. <https://doi.org/10.1038/nrc2073>

Ahles, T. A., Saykin, A. J., McDonald, B. C., Li, Y., Furstenberg, C. T., Hanscom, B. S., Mulrooney, T. J., Schwartz, G. N., & Kaufman, P. A. (2010). Longitudinal assessment of cognitive changes associated with adjuvant treatment for breast cancer: Impact of age and cognitive reserve. *Journal of Clinical Oncology: Official Journal of the American Society of Clinical Oncology, 28*(29), 4434–4440. <https://doi.org/10.1200/JCO.2009.27.0827>

Aspelund, S. G., Halldorsdottir, T., Agustsson, G., Sigurdardottir Tobin, H. R., Wu, L. M., Amidi, A., Johannsdottir, K. R., Lutgendorf, S. K., Telles, R., Franksdottir Daly, H., Sigurdardottir, K., Vladimarsdottir, H. B., & Baldursdottir, B. (2024). Biological and psychological predictors of cognitive function in breast cancer patients before surgery. *Supportive Care in Cancer, 32*(1), 88. <https://doi.org/10.1007/s00520-023-08282-5>

Baekelandt, B. M., Hjermstad, M. J., Nordby, T., Fagerland, M. W., Kure, E. H., Heiberg, T., Buanes, T., & Labori, K. J. (2016). Preoperative cognitive function predicts survival in patients with resectable pancreatic ductal adenocarcinoma*. HPB: The Official Journal of the International Hepato Pancreato Biliary Association, 18*(3), 247–254.   
<https://doi.org/10.1016/j.hpb.2015.09.004>

Bagnall-Moreau, C., Chaudhry, S., Salas-Ramirez, K., Ahles, T., & Hubbard, K. (2019). Chemotherapy-induced cognitive impairment is associated with increased inflammation and oxidative damage in the hippocampus. *Molecular Neurobiology, 56*(10), 7159–7172. <https://doi.org/10.1007/s12035-019-1589-z>

Capuron, L., & Miller, A. H. (2011). Immune system to brain signaling: Neuropsychopharmacological implications. *Pharmacology & Therapeutics, 130*(2), 226–238. <https://doi.org/10.1016/j.pharmthera.2011.01.014>

Capuron, L., Ravaud, A., & Dantzer, R. (2001). Timing and specificity of the cognitive changes induced by interleukin-2 and interferon-alpha treatments in cancer patients. *Psychosomatic Medicine, 63*(3), 376–386.   
<https://doi.org/10.1097/00006842-200105000-00007>

Chae, J. W., Ng, T., Yeo, H. L., Shwe, M., Gan, Y. X., Ho, H. K., & Chan, A. (2016). Impact of TNF-α (rs1800629) and IL-6 (rs1800795) polymorphisms on cognitive impairment in Asian breast cancer patients*. PLoS One, 11*(10), e0164204.   
<https://doi.org/10.1371/journal.pone.0164204>

Chen, V. C. H., Lin, C. K., Hsiao, H. P., Tzang, B. S., Hsu, Y. H., Wu, S. I., & Stewart, R. (2021). Effects of cancer, chemotherapy, and cytokines on subjective and objective cognitive functioning among patients with breast cancer. *Cancers, 13*(11), 2576. <https://doi.org/10.3390/cancers13112576>

Cheung, Y. T., Lim, S. R., Ho, H. K., & Chan, A. (2013). Cytokines as mediators of chemotherapy-associated cognitive changes: current evidence, limitations and directions for future research. *PloS One, 8*(12), e81234.   
<https://doi.org/10.1371/journal.pone.0081234>

Cheung, Y. T., Ng, T., Shwe, M., Ho, H. K., Foo, K. M., Cham, M. T., ... & Chan, A. (2015). Association of proinflammatory cytokines and chemotherapy-associated cognitive impairment in breast cancer patients: a multi-centered, prospective, cohort study. *Annals of Oncology, 26*(7), 1446-1451. <https://doi.org/10.1093/annonc/mdv206>

Cheung, Y. T., Shwe, M., Chui, W. K., Chay, W. Y., Ang, S. F., Dent, R. A., Yap, S. M., Lo, S. K., Ng, R. C. H., & Chan, A. (2012). Effects of chemotherapy and psychosocial distress on perceived cognitive disturbances in Asian breast cancer patients. *Annals of Pharmacotherapy, 46*(12), 1645-1655. <https://doi.org/10.1345/aph.1R408>

Cleeland, C. S., Bennett, G. J., Dantzer, R., Dougherty, P. M., Dunn, A. J., Meyers, C. A., Miller, A. H., Payne, R., Reuben, J. M., Wang, X. S., & Lee, B. N. (2003). Are the symptoms of cancer and cancer treatment due to a shared biologic mechanism? A cytokine‐immunologic model of cancer symptoms. *Cancer: Interdisciplinary International Journal of the American Cancer Society, 97*(11), 2919-2925. <https://doi.org/10.1002/cncr.11382>

Cohen, S., Doyle, W. J., & Skoner, D. P. (1999). Psychological stress, cytokine production, and severity of upper respiratory illness. *Psychosomatic Medicine, 61*(2), 175-180.

Cohen, S., & Williamson, G.M. (1988). Perceived stress in a probability sample of the United States. In S. Spacapan & S. Oskamp (Eds.), *The Social Psychology of Health*. SAGE Publications.

Cox, G. E., & Criss, A. H. (2019). Parametric supplements to systems factorial analysis: Identifying interactive parallel processing using systems of accumulators. *Journal of Mathematical Psychology*, *92*, 102247. <https://doi.org/10.1016/j.jmp.2019.01.004>

Dai, S., Mo, Y., Wang, Y., Xiang, B., Liao, Q., Zhou, M., Li, X., Li, Y., Xiong, W., Li, G., Guo, C. & Zeng, Z. (2020). Chronic stress promotes cancer development. *Frontiers in Oncology, 10*(1492), 1-10. <https://doi.org/10.3389/fonc.2020.01492>

Donkin, C., Brown, S., Heathcote, A., & Wagenmakers, E. J. (2011). Diffusion versus linear ballistic accumulation: Different models but the same conclusions about psychological processes? *Psychonomic Bulletin & Review*, *18*, 61–69.   
<https://doi.org/10.3758/s13423-010-0022-4>

Durán-Gómez, N., López-Jurado, C. F., Nadal-Delgado, M., Pérez-Civantos, D., Guerrero-Martín, J., & Cáceres, M. C. (2022). Chemotherapy-related cognitive impairment in patients with breast cancer based on functional assessment and NIRS analysis. *Journal of Clinical Medicine, 11*(2363), 1-18. <https://doi.org/10.3390/jcm11092363>

Eidels, A., Donkin, C., Brown, S. D., & Heathcote, A. (2010). Converging measures of workload capacity. *Psychonomic Bulletin & Review, 17*, 763-771.   
<https://doi.org/10.3758/PBR.17.6.763>

Fan, J., McCandliss, B. D., Sommer, T., Raz, A., & Posner, M. I. (2002). Testing the efficiency and independence of attentional networks. *Journal of Cognitive Neuroscience*, *14*(3), 340-347. <https://doi.org/10.1162/089892902317361886>

Franco-Rocha, O. Y., Lewis, K. A., Longoria, K. D., De La Torre Schutz, A., Wright, M. L., & Kesler, S. R. (2023). Cancer-related cognitive impairment in racial and ethnic minority groups: A scoping review. *Journal of Cancer Research and Clinical Oncology*, *149*, 12561-12587. <https://doi.org/10.1007/s00432-023-05088-0>

French-Rosas, L. N., Moye, J., & Naik, A. D. (2011). Improving the recognition and treatment of cancer-related posttraumatic stress disorder. *Journal of Psychiatric Practice, 17*(4), 270-276. <https://doi.org/10.1097/01.pra.0000400264.30043.ae>

Gan, H. K., Bernstein, L. J., Brown, J., Ringash, J., Vakilha, M., Wang, L., Goldstein, D., Kim, J., Hope, A., O'Sullivan, B., Waldron, J., Abdul Razak, A. R., Chen, E. X., & Siu, L. L. (2011). Cognitive functioning after radiotherapy or chemoradiotherapy for head-and-neck cancer. *International Journal of Radiation Oncology, Biology, Physics, 81*(1), 126–134. <https://doi.org/10.1016/j.ijrobp.2010.05.004>

Gaynor, A. M., Ahsan, A., Jung, D., Schofield, E., Li, Y., Ryan, E., Ahles, T. A., & Root, J. C. (2022). Novel computerized neurocognitive test battery is sensitive to cancer-related cognitive deficits in survivors. *Journal of Cancer Survivorship*, 1-13. <https://doi.org/10.1007/s11764-022-01232-w>

Geraghty, A. C., Gibson, E. M., Ghanem, R. A., Greene, J. J., Ocampo, A., Goldstein, A. K., Ni, L., Yang, T., Marton, R. M., Paşca, S. P., Greenberg, M. E., Longo, F. M., & Monje, M. (2019). Loss of adaptive myelination contributes to methotrexate chemotherapy-related cognitive impairment*. Neuron, 103*(2), 250–265. <https://doi.org/10.1016/j.neuron.2019.04.032>

Gibson, E. M., & Monje, M. (2021). Microglia in cancer therapy-related cognitive impairment. *Trends in Neurosciences, 44*(6), 441–451. <https://doi.org/10.1016/j.tins.2021.02.003>

Gilbertson-White, S., Shahnazi, A., & Cherwin, C. (2019). Are perceived stress and cytokine genotypes clinically feasible as predictors of psychoneuroimmune symptoms in advanced cancer? *The Permanente Journal, 23*, 18-20. <https://doi.org/10.7812/TPP/18-120>

Harrison, R. A., Sharafeldin, N., Rexer, J. L., Streck, B., Petersen, M., Henneghan, A. M., & Kesler, S. R. (2021). Neurocognitive impairment after hematopoietic stem cell transplant for hematologic malignancies: Phenotype and mechanisms. *The Oncologist, 26*(11), 1-13.   
<https://doi.org/10.1002/onco.13867>

He, J. L., Hirst, R. J., Puri, R., Coxon, J., Byblow, W., Hinder, M., Skippen, P., Matzke, D., Heathcote, A., Wadsley, C. G., Silk, T., Hyde, C., Parmar, D., Pedapati, E., Gilbert, D. L., Huddleston, D. A., Mostofsky, S., Leunissen, I., MacDonald, H. J., Chowdhury, N. S., … Puts, N. A. J. (2022). OSARI, an open-source anticipated response inhibition task. *Behavior Research Methods*, *54*, 1530-1540. <https://doi.org/10.3758/s13428-021-01680-9>

Heathcote, A., Coleman, J. R., Eidels, A., Watson, J. M., Houpt, J., & Strayer, D. L. (2015). Working memory’s workload capacity. *Memory & Cognition*, *43*, 973-989. <https://doi.org/10.3758/s13421-015-0526-2>

Henneghan, A., Haley, A. P., & Kesler, S. (2020). Exploring relationships among peripheral amyloid beta, tau, cytokines, cognitive function, and psychosomatic symptoms in breast cancer survivors. *Biological Research for Nursing, 22*(1), 126-138.   
<https://doi.org/10.1177/1099800419887230>

Henneghan, A. M., Palesh, O., Harrison, M., & Kesler, S. R. (2018). Identifying cytokine predictors of cognitive functioning in breast cancer survivors up to 10 years post chemotherapy using machine learning. *Journal of Neuroimmunology, 320*, 38-47. <https://doi.org/10.1016/j.jneuroim.2018.04.012>

Henneghan, A. M., Van Dyk, K., Kaufmann, T., Harrison, R., Gibbons, C., Heijnen, C., & Kesler, S. R. (2021). Measuring self-reported cancer-related cognitive impairment: recommendations from the cancer neuroscience initiative working group. JNCI: Journal of the National Cancer Institute, 113(12), 1625-1633. <https://doi.org/10.1093/jnci/djac202>

Henneghan, A., Wright, M. L., Bourne, G., & Sales, A. C. (2021). A cross-sectional exploration of cytokine–symptom networks in breast cancer survivors using network analysis. *Canadian Journal of Nursing Research, 53*(3), 303-315.   
<https://doi.org/10.1177/0844562120927535>

Hermelink, K. (2015). Chemotherapy and cognitive function in breast cancer patients: The so-called chemo brain. *Journal of the National Cancer Institute Monographs, 2015*(51), 67-69. <https://doi.org/10.1093/jncimonographs/lgv009>

Hermelink, K., Bühner, M., Sckopke, P., Neufeld, F., Kaste, J., Voigt, V., ... & Harbeck, N. (2017). Chemotherapy and post-traumatic stress in the causation of cognitive dysfunction in breast cancer patients. *Journal of the National Cancer Institute, 109*(10), 1-15. <https://doi.org/10.1093/jnci/djx057>

Hermelink, K., Voigt, V., Kaste, J., Neufeld, F., Wuerstlein, R., Bühner, M., Münzel, K., Rjosk-Dendorfer, D., Grandl, S., Braun, M., Edler von Koch, F., Härtl, K., Hasmüller, S., Bauerfeind, I., Debus, G., Herschbach, P., & Harbeck, N. (2015). Elucidating pretreatment cognitive impairment in breast cancer patients: the impact of cancer-related post-traumatic stress. *Journal of the National Cancer Institute, 107*(7), 1-13. <https://doi.org/10.1093/jnci/djv099>

Huo, X., Reyes, T. M., Heijnen, C. J., & Kavelaars, A. (2018). Cisplatin treatment induces attention deficits and impairs synaptic integrity in the prefrontal cortex in mice. *Scientific reports, 8*(1), 17400. <https://doi.org/10.1038/s41598-018-35919-x>

Janelsins, M. C., Mohamed, M., Peppone, L. J., Magnuson, A., Belcher, E. K., Melnik, M., Dakhil, S., Geer, J., Kamen, C., Minasian, L., Reagan, P. M., Mohile, S. G., Morrow, G. R., Ahles, T. A. & Heckler, C. E. (2022). Longitudinal changes in cognitive function in a nationwide cohort study of patients with lymphoma treated with chemotherapy. *JNCI: Journal of the National Cancer Institute, 114*(1), 47-59. <https://doi.org/10.1093/jnci/djab133>

Janelsins, M. C., Mustian, K. M., Palesh, O. G., Mohile, S. G., Peppone, L. J., Sprod, L. K., Heckler, C. E., Roscoe, J. A., Katz, A. W., Williams, J. P., & Morrow, G. R. (2012). Differential expression of cytokines in breast cancer patients receiving different chemotherapies: implications for cognitive impairment research. *Supportive Care in Cancer, 20*, 831-839. <https://doi.org/10.1007/s00520-011-1158-0>

Jung, M. S., & Cimprich, B. (2014). Cognitive deficits in Korean women treated with chemotherapy for breast cancer. *Cancer Nursing, 37*(3), E31-E42. <https://doi.org/10.1097/NCC.0b013e3182980383>

Kaplan, S. V., Limbocker, R. A., Gehringer, R. C., Divis, J. L., Osterhaus, G. L., Newby, M. D., Sofis, M. J., Jarmolowicz, D. P., Newman, B. D., Mathews, T. A., & Johnson, M. A. (2016). Impaired brain dopamine and serotonin release and uptake in Wistar rats following treatment with Carboplatin. *ACS Chemical Neuroscience, 7*(6), 689–699. <https://doi.org/10.1021/acschemneuro.5b00029>

Keeney, J. T. R., Ren, X., Warrier, G., Noel, T., Powell, D. K., Brelsfoard, J. M., Sultana, R., Saatman, K. E., Clair, D. K. S., & Butterfield, D. A. (2018). Doxorubicin-induced elevated oxidative stress and neurochemical alterations in brain and cognitive decline: Protection by MESNA and insights into mechanisms of chemotherapy-induced cognitive impairment ("chemobrain"). *Oncotarget*, *9*(54), 30324–30339.   
<https://doi.org/10.18632/oncotarget.25718>

Kesler, S., Janelsins, M., Koovakkattu, D., Palesh, O., Mustian, K., Morrow, G., & Dhabhar, F. S. (2013). Reduced hippocampal volume and verbal memory performance associated with interleukin-6 and tumor necrosis factor-alpha levels in chemotherapy-treated breast cancer survivors. *Brain, Behavior, and Immunity, 30 Suppl*(0), S109–S116. <https://doi.org/10.1016/j.bbi.2012.05.017>

Knight, E. L., Jiang, Y., Rodriguez-Stanley, J., Almeida, D. M., Engeland, C. G., & Zilioli, S. (2021). Perceived stress is linked to heightened biomarkers of inflammation via diurnal cortisol in a national sample of adults. *Brain, Behavior, and Immunity, 93*, 206-213. <https://doi.org/10.1016/j.bbi.2021.01.015>

Kronenfeld, J. P., Graves, K. D., Penedo, F. J., & Yanez, B. (2021). Overcoming disparities in cancer: A need for meaningful reform for Hispanic and Latino cancer survivors. *The Oncologist, 26*(6), 443–452. <https://doi.org/10.1002/onco.13729>

Lee, E. H. (2012). Review of the psychometric evidence of the perceived stress scale. *Asian Nursing Research, 6*(4), 121-127. <https://doi.org/10.1016/j.anr.2012.08.004>

Li, W., Yu, S., Duan, X., Yao, S., Tang, L., & Cheng, H. (2022). COMT rs737865 mediates chemobrain in breast cancer patients with various levels of Ki-67. *American Journal of Cancer Research, 12*(7), 3185. <https://doi.org/10.21203/rs.3.rs-1456791/v1>

Liu, X., Nemeth, D. P., McKim, D. B., Zhu, L., DiSabato, D. J., Berdysz, O., Gorantla, G., Oliver, B., Witcher, K. G., Wang, Y., Negray, C. E., Vegesna, R. S., Sheridan, J. F., Godbout, J. P., Robson, M. J., Blakely, R. D., Popovich, P. G., Bilbo, S. D., & Quan, N. (2019). Cell-Type-Specific Interleukin 1 Receptor 1 signaling in the brain regulates distinct neuroimmune activities. *Immunity, 50*(2), 317–333.   
<https://doi.org/10.1016/j.immuni.2018.12.012>

Lyman, M., Lloyd, D. G., Ji, X., Vizcaychipi, M. P., & Ma, D. (2014). Neuroinflammation: The role and consequences. *Neuroscience Research, 79*, 1–12.   
<https://doi.org/10.1016/j.neures.2013.10.004>

Maes, M., Song, C., Lin, A., De Jongh, R., Van Gastel, A., Kenis, G., Bosmans, E., De Meester, I. Benoy, I., Neels, H., Demedts, P., Janca, A., Scharpé, S., & Smith, R. S. (1998). The effects of psychological stress on humans: Increased production of pro-inflammatory cytokines and Th1-like response in stress-induced anxiety. *Cytokine, 10*(4), 313-318. <https://doi.org/10.1006/cyto.1997.0290>

Matzke, D., Love, J., Wiecki, T. V., Brown, S. D., Logan, G. D., & Wagenmakers, E. J. (2013). Release the BEESTS: Bayesian Estimation of Ex-Gaussian STop-Signal reaction time distributions. *Frontiers in Psychology*, *4*, 918. <https://doi.org/10.3389/fpsyg.2013.00918>

Matzke, D., Strickland, L. J. G., Sripada, C., Weigard, A. S., Puri, R., He, J., Hirst, R., & Heathcote, A (2021). Stopping timed actions. PsyArXiv. <https://doi.org/10.31234/osf.io/9h3v7>

Mayo, S. J., Lustberg, M., M Dhillon, H., Nakamura, Z. M., Allen, D. H., Von Ah, D., ... & Peters, K. B. (2021). Cancer-related cognitive impairment in patients with non-central nervous system malignancies: An overview for oncology providers from the MASCC Neurological Complications Study Group. *Supportive Care in Cancer, 29*, 2821-2840. <https://doi.org/10.1007/s00520-020-05860-9>

McLeary, F., Davis, A., Rudrawar, S., Perkins, A., & Anoopkumar-Dukie, S. (2019). Mechanisms underlying select chemotherapeutic-agent-induced neuroinflammation and subsequent neurodegeneration. *European Journal of Pharmacology, 842*, 49-56.   
<https://doi.org/10.1016/j.ejphar.2018.09.034>

Meyers, C. A., Albitar, M., & Estey, E. (2005). Cognitive impairment, fatigue, and cytokine levels in patients with acute myelogenous leukemia or myelodysplastic syndrome. *Cancer, 104*(4), 788-793. <https://doi.org/10.1002/cncr.21234>

Michaud, M., Balardy, L., Moulis, G., Gaudin, C., Peyrot, C., Vellas, B., Cesari, M. & Nourhashemi, F. (2013). Proinflammatory cytokines, aging, and age-related diseases. *Journal of the American Medical Directors Association, 14*(12), 877-882.   
<https://doi.org/10.1016/j.jamda.2013.05.009>

Moreno-Smith, M. Lutgendorf, S. K., & Sood, A. K. (2010). Impact of stress on cancer metastasis. *Future Oncology, 6*(12), 1863–1881. <https://doi.org/10.2217/fon.10.142>

Mounier, N. M., Abdel-Maged, A. E. S., Wahdan, S. A., Gad, A. M., & Azab, S. S. (2020). Chemotherapy-induced cognitive impairment (CICI): An overview of etiology and pathogenesis. *Life Sciences, 258*, 118071. <https://doi.org/10.1016/j.lfs.2020.118071>

Myers, J. S., Pierce, J., & Pazdernik, T. (2008). Neurotoxicology of chemotherapy in relation to cytokine release, the blood-brain barrier, and cognitive impairment. *Oncology Nursing Forum, 35*(6), 916–920. <https://doi.org/10.1188/08.ONF.916-920>

Nagtegaal, S. H. J., David, S., Snijders, T. J., Philippens, M. E. P., Leemans, A., & Verhoeff, J. J. C. (2020). Effect of radiation therapy on cerebral cortical thickness in glioma patients: Treatment-induced thinning of the healthy cortex. *Neuro-Oncology Advances, 2*(1), 1-8. <https://doi.org/10.1093/noajnl/vdaa060>

Nguyen, L. D., & Ehrlich, B. E. (2020). Cellular mechanisms and treatments for chemobrain: Insight from aging and neurodegenerative diseases. *EMBO Molecular Medicine, 12*(6), 1-17. <https://doi.org/10.15252/emmm.202012075>

Nielsen, S. R., & Schmid, M. C. (2017). Macrophages as key drivers of cancer progression and metastasis. *Mediators of Inflammation, 2017*(9624760), 1-11.   
<https://doi.org/10.1155/2017/9624760>

Olson, B., & Marks, D. L. (2019). Pretreatment cancer-related cognitive impairment—Mechanisms and outlook. *Cancers, 11*(5), 687. <https://doi.org/10.3390/cancers11050687>

Oppegaard, K., Harris, C. S., Shin, J., Paul, S. M., Cooper, B. A., Chan, A., Anguera, J. A., Levine, J., Conley, Y., Hammer, M., Miaskowski, C. A., Chan, R. J., & Kober, K. M. (2021). Cancer-related cognitive impairment is associated with perturbations in inflammatory pathways. *Cytokine, 148*, Article 155653.   
<https://doi.org/10.1016/j.cyto.2021.155653>

Orchard, T. S., Gaudier-Diaz, M. M., Weinhold, K. R., & Courtney DeVries, A. (2017). Clearing the fog: A review of the effects of dietary omega-3 fatty acids and added sugars on chemotherapy-induced cognitive deficits. *Breast Cancer Research and Treatment, 161*(3), 391–398. <https://doi.org/10.1007/s10549-016-4073-8>

Országhová, Z., Mego, M., & Chovanec, M. (2021). Long-term cognitive dysfunction in cancer survivors. *Frontiers in Molecular Biosciences, 8*, 1-24.   
<https://doi.org/10.3389/fmolb.2021.770413>

Pang, L., Bi, Z., Jing, Y., Yin, X., Zhang, X., Yao, S., Zhao, J., & Cheng, H. (2021). Changes in cytokine levels in breast cancer patients with CRCI before or after CALM intervention. *American Journal of Cancer Research, 11*(11), 5415-5427.

Parada Jr., H., Pichardo, M. S., Gallo, L. C., Talavera, G. A., McDaniels‐Davidson, C., Penedo, F. J., Lee, D. J., Tarraf, W., Garcia, T. P., Daviglus, M. L., & González, H. M. (2023). Neurocognitive test performance following cancer among middle‐aged and older adults in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) and the SOL‐Investigation of Neurocognitive Aging Ancillary Study. *Cancer Medicine*, *12*(10), 11860-11870. <https://doi.org/10.1002/cam4.5863>

Pirrone, A., Dickinson, A., Gomez, R., Stafford, T., & Milne, E. (2017). Understanding perceptual judgment in autism spectrum disorder using the drift diffusion model. *Neuropsychology, 31*(2), 173–180. <https://psycnet.apa.org/doi/10.1037/neu0000320>

Rahman, M. T., Ghosh, C., Hossain, M., Linfield, D., Rezaee, F., Janigro, D., Marchi, N., & van Boxel-Dezaire, A. H. H. (2018). IFN-γ, IL-17A, or zonulin rapidly increase the permeability of the blood-brain and small intestinal epithelial barriers: Relevance for neuro-inflammatory diseases. *Biochemical and Biophysical Research Communications, 507*(1-4), 274–279. <https://doi.org/10.1016/j.bbrc.2018.11.021>

Ratcliff, R., Thapar, A., & McKoon, G. (2006). Aging, practice, and perceptual tasks: A diffusion model analysis. *Psychology and Aging, 21*(2), 353–371.   
<https://doi.org/10.1037/0882-7974.21.2.353>

Reiche, E. M. V., Nunes, S. O. V., & Morimoto, H. K. (2004). Stress, depression, the immune system, and cancer. *The Lancet Oncology, 5*(10), 617-625.   
<https://doi.org/10.1016/S1470-2045(04)01597-9>

Ren, X., Boriero, D., Chaiswing, L., Bondada, S., St Clair, D. K., & Butterfield, D. A. (2019). Plausible biochemical mechanisms of chemotherapy-induced cognitive impairment ("chemobrain"), a condition that significantly impairs the quality of life of many cancer survivors*. Biochimica et Biophysica Acta. Molecular Basis of Disease, 1865*(6), 1088–1097. <https://doi.org/10.1016/j.bbadis.2019.02.007>

Ren, X., Clair, D. K. S., & Butterfield, D. A. (2017). Dysregulation of cytokine mediated chemotherapy induced cognitive impairment. *Pharmacological Research, 117*, 267-273. <https://doi.org/10.1016/j.phrs.2017.01.001>

Rummel, N. G., Chaiswing, L., Bondada, S., St. Clair, D. K., & Butterfield, D. A. (2021). Chemotherapy-induced cognitive impairment: focus on the intersection of oxidative stress and TNFα. *Cellular and Molecular Life Sciences, 78*(19-20), 6533-6540. <https://doi.org/10.1007/s00018-021-03925-4>

Russo, M. V., & McGavern, D. B. (2015). Immune Surveillance of the CNS following Infection and Injury. *Trends in Immunology, 36*(10), 637–650.   
<https://doi.org/10.1016/j.it.2015.08.002>

Seruga, B., Zhang, H., Bernstein, L. J., & Tannock, I. F. (2008). Cytokines and their relationship to the symptoms and outcome of cancer. *Nature Reviews Cancer, 8*(11), 887-899. <https://doi.org/10.1038/nrc2507>

Schwarz, W. (2001). The ex-Wald distribution as a descriptive model of response times. *Behavior Research Methods, Instruments, & Computers, 33*(4), 457-469. <https://doi.org/10.3758/bf03195403>

Shabab, T., Khanabdali, R., Moghadamtousi, S. Z., Kadir, H. A., & Mohan, G. (2017). Neuroinflammation pathways: A general review. *The International Journal of Neuroscience, 127*(7), 624–633. <https://doi.org/10.1080/00207454.2016.1212854>

Shi, D. D., Huang, Y. H., Lai, C. S. W., Dong, C. M., Ho, L. C., Wu, E. X., Wang, X. M., Chung, S. K., Sham, P. C., & Zhang, Z. J. (2019). Chemotherapy-induced cognitive impairment is associated with cytokine dysregulation and disruptions in neuroplasticity. *Molecular Neurobiology, 56*, 2234-2243. <https://doi.org/10.1007/s12035-018-1224-4>

Shilling, V., Jenkins, V., Morris, R., Deutsch, G., & Bloomfield, D. (2005). The effects of adjuvant chemotherapy on cognition in women with breast cancer—preliminary results of an observational longitudinal study. *The Breast, 14*(2), 142-150.   
<https://doi.org/10.1016/j.breast.2004.10.004>

Siegel, R. L., Miller, K. D., Wagle, N. S., & Jemal, A. (2023). Cancer statistics, 2023. *CA: A Cancer Journal for Clinicians*, *73*, 17-48. <https://doi.org/10.3322/caac.21763>

Smith, P. L., & Little, D. R. (2018). Small is beautiful: In defense of the small-N design. *Psychonomic Bulletin & Review, 25*, 2083-2101. <https://doi.org/10.3758/s13423-018-1451-8>

Tafet, G. E., & Nemeroff, C. B. (2020). Pharmacological treatment of anxiety disorders: The role of the HPA axis. *Frontiers in Psychiatry, 11*, Article 443.   
<https://doi.org/10.3389/fpsyt.2020.00443>

Tan, C. J., Mah, J. J. J., Goh, W. L., Poon, E., Harunal Rashid, M. F., & Chan, A. (2020). Self‐reported cognitive outcomes among adolescent and young adult patients with noncentral nervous system cancers*. Psycho‐Oncology*, *29*(8), 1355-1362.   
<https://doi.org/10.1002/pon.5456>

Tang, M., Zhao, S., Liu, J. X., Liu, X., Guo, Y. X., Wang, G. Y., & Wang, X. L. (2022). Paclitaxel induces cognitive impairment via necroptosis, decreased synaptic plasticity and M1 polarisation of microglia. *Pharmaceutical Biology, 60*(1), 1556-1565.   
<https://doi.org/10.1080/13880209.2022.2108064>

Tangpong, J., Cole, M. P., Sultana, R., Estus, S., Vore, M., St Clair, W., Ratanachaiyavong, S., St Clair, D. K., & Butterfield, D. A. (2007). Adriamycin-mediated nitration of manganese superoxide dismutase in the central nervous system: Insight into the mechanism of chemobrain. *Journal of Neurochemistry, 100*(1), 191–201.   
<https://doi.org/10.1111/j.1471-4159.2006.04179.x>

Tannock, I. F., Ahles, T. A., Ganz, P. A., & Van Dam, F. S. (2004). Cognitive impairment associated with chemotherapy for cancer: report of a workshop. *Journal of Clinical Oncology, 22*(11), 2233-2239. <https://doi.org/10.1200/JCO.2004.08.094>

Tausk, F. (2023). Psychoneuro-oncology: How chronic stress grows cancer. *Clinics in Dermatology, 41*(1), 95-104. <https://doi.org/10.1016/j.clindermatol.2023.03.008>

Toh, Y. L., Wang, C., Ho, H. K., & Chan, A. (2020). Distinct cytokine profiles across trajectories of self-perceived cognitive impairment among early-stage breast cancer survivors. *Journal of Neuroimmunology, 342*, Article 577196.   
<https://doi.org/10.1016/j.jneuroim.|2020.577196>

Townsend, J. T., & Wenger, M. J. (2004). A theory of interactive parallel processing: New capacity measures and predictions for a response time inequality series. *Psychological Review*, *111*(4), 1003–1035. <https://doi.org/10.1037/0033-295X.111.4.1003>

Vardy, J. L., Dhillon, H. M., Pond, G. R., Rourke, S. B., Bekele, T., Renton, C., Dodd, A., Zhang, H., Beale, P., Clarke, S., & Tannock, I. F. (2015). Cognitive function in patients with colorectal cancer who do and do not receive chemotherapy: A prospective, longitudinal, controlled study. *Journal of Clinical Oncology: Official Journal of the American Society of Clinical Oncology, 33*(34), 4085–4092. <https://doi.org/10.1200/JCO.2015.63.0905>

Von Ah, D., Storey, S., & Crouch, A. (2018). Relationship between self-reported cognitive function and work-related outcomes in breast cancer survivors. *Journal of Cancer Survivorship, 12*, 246-255. <https://doi.org/10.1007/s11764-017-0664-6>

Wang, L., Apple, A. C., Schroeder, M. P., Ryals, A. J., Voss, J. L., Gitelman, D., Sweet, J. J., Butt, Z. A., Cella, D., & Wagner, L. I. (2016). Reduced prefrontal activation during working and long-term memory tasks and impaired patient-reported cognition among cancer survivors postchemotherapy compared with healthy controls. *Cancer, 122*(2), 258–268. <https://doi.org/10.1002/cncr.29737>

Wang, X. M., Walitt, B., Saligan, L., Tiwari, A. F., Cheung, C. W., & Zhang, Z. J. (2015). Chemobrain: A critical review and causal hypothesis of link between cytokines and epigenetic reprogramming associated with chemotherapy. *Cytokine, 72*(1), 86-96. <https://doi.org/10.1016/j.cyto.2014.12.006>

Wardill, H. R., Mander, K. A., Van Sebille, Y. Z., Gibson, R. J., Logan, R. M., Bowen, J. M., & Sonis, S. T. (2016). Cytokine-mediated blood brain barrier disruption as a conduit for cancer/chemotherapy-associated neurotoxicity and cognitive dysfunction. *International Journal of Cancer*, *139*(12), 2635–2645. <https://doi.org/10.1002/ijc.30252>

Wefel, J. S., Vardy, J., Ahles, T., & Schagen, S. B. (2011). International Cognition and Cancer Task Force recommendations to harmonise studies of cognitive function in patients with cancer. *The Lancet Oncology, 12*(7), 703-708.   
<https://doi.org/10.1016/S1470-2045(10)70294-1>

White, C. N., & Curl, R. (2018). Cueing effects in the attentional network test: A spotlight diffusion model analysis. *Computational Brain & Behavior, 1*, 59-68. <https://doi.org/10.1007/s42113-018-0004-6>

White, C. N., & Kitchen, K. N. (2022). On the need to improve the way individual differences in cognitive function are measured with reaction time tasks. *Current Directions in Psychological Science, 31*(3), 223-230. <https://doi.org/10.1177/09637214221077060>

White, C. N., Ratcliff, R., Vasey, M. W., & McKoon, G. (2010). Anxiety enhances threat processing without competition among multiple inputs: A diffusion model analysis. *Emotion, 10*(5), 662–677. <https://doi.org/10.1037/a0019474>

White, C. N., Ratcliff, R., Vasey, M. W., & McKoon, G. (2010b). Using diffusion models to understand clinical disorders. Journal of Mathematical Psychology, 54(1), 39-52. <https://doi.org/10.1016/j.jmp.2010.01.004>

World Cancer Research Fund International (2023). *Worldwide cancer data*. World Cancer Research Fund International. <https://www.wcrf.org/cancer-trends/worldwide-cancer-data/>

Wu, L. M., Kuprian, N., Herbert, K., Amidi, A., Austin, J., Valdimarsdottir, H., & Rini, C. (2019). A mixed methods analysis of perceived cognitive impairment in hematopoietic stem cell transplant survivors. *Palliative and Supportive Care, 17*(4), 396–402. <https://doi.org/10.1017/S1478951518000664>

Yang, Y., & Hendrix, C. C. (2018). Cancer-related cognitive impairment in breast cancer patients: Influences of psychological variables. *Asia-Pacific Journal of Oncology Nursing, 5*(3), 296-306. <https://doi.org/10.4103/apjon.apjon_16_18>

Yap, N. Y., Toh, Y. L., Tan, C. J., Acharya, M. M., & Chan, A. (2021). Relationship between cytokines and brain-derived neurotrophic factor (BDNF) in trajectories of cancer-related cognitive impairment. *Cytokine, 144*, 155556. <https://doi.org/10.1016/j.cyto.2021.155556>

Yuen, H. K., Sharma, A. K., Logan, W. C., Gillespie, M. B., Day, T. A., & Brooks, J. O. (2008). Radiation dose, driving performance, and cognitive function in patients with head and neck cancer. *Radiotherapy and Oncology, 87*(2), 304–307.   
<https://doi.org/10.1016/j.radonc.2008.03.020>

Zhang, S., Lee, M. D., Vandekerckhove, J., Maris, G., & Wagenmakers, E. (2014). Time-varying boundaries for diffusion models of decision making and response time. *Frontiers in Psychology, 5*, 1364. <https://doi.org/10.3389/fpsyg.2014.01364>