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**Originalarbeiten** (*peer reviewed*)

1. **von Känel R**, Wuillemin WA, Furlan M, Lämmle B. Factor XII clotting activity and antigen levels in patients with thromboembolic disease. Blood Coagul Fibrinolysis 1992; 3:555-561
2. Dimsdale JE, **von Känel R**, Profant J, Nelesen R, Ancoli-Israel S, Ziegler M. Reliability of nocturnal blood pressure dipping. Blood Press Monit 2000; 5:217-221.
3. **von Känel R**, Mills PJ, Dimsdale JE. Short-term hyperglycemia induces lymphopenia and lymphocyte subset redistribution. Life Sci 2001; 69:255-262.
4. **von Känel R**, Dimsdale JE, Ziegler MG, Mills PJ, Patterson TL, Lee SK, Grant I. Effect of acute psychological stress on the hypercoagulable state in subjects (spouses of patients with Alzheimer's disease) with coronary or cerebrovascular disease and/or systemic hypertension. Am J Cardiol 2001; 87:1405-1408.
5. **von Känel R**, Le DT, Nelesen RA, Mills PJ, Ancoli-Israel S, Dimsdale JE. The hypercoagulable state in sleep apnea is related to comorbid hypertension. J Hypertens 2001; 19:1445-1451.
6. **von Känel R**, Nelesen RA, Le DT, Ziegler MG, Dimsdale JE. Decrease in the plasma von Willebrand factor concentration following glucose ingestion: the role of insulin sensitivity. Metabolism 2001; 50:1452-1456.
7. **von Känel R**, Mills PJ, Ziegler MG, Dimsdale JE. The effect of  $\beta$ 2-adrenergic receptor functioning and increased norepinephrine on the hypercoagulable state with mental stress. Am Heart J 2002; 144:68-72.
8. **von Känel R**, Bardwell WA, Berry CC, Dimsdale JE. Independent contribution of psychological factors to fibrin turnover in subjects with sleep apnea and/or systemic hypertension. Clin Sci 2002; 103:331-337.
9. **von Känel R**, Dimsdale JE, Patterson TL, Grant I. Association of negative life-event stress with coagulation activity in elderly Alzheimer caregivers. Psychosom Med 2003; 65:145-150.
10. **von Känel R**, Dimsdale JE, Patterson TL, Grant I. Acute procoagulant stress response as a dynamic measure of allostatic load in Alzheimer caregivers. Ann Behav Med; 2003; 26:42-48.
11. Wirtz PH, **von Känel R**, Schnorpfeil P, Ehlert U, Frey K, Fischer JE. Reduced glucocorticoid sensitivity of monocyte interleukin-6 production in male industrial employees who are vitally exhausted. Psychosom Med 2003; 65:672-678.
12. **von Känel R**, Dimsdale JE, Adler KA, Dillon E, Perez C, Mills PJ. Effects of non-specific beta-adrenergic stimulation and blockade on blood coagulation in hypertension. J Appl Physiol 2003; 94:1455-1459.
13. **von Känel R**, Maly FE, Frey K, Fischer JE. Contribution of the type I plasminogen activator inhibitor 4G/5G gene polymorphism to impaired fibrinolysis in vital exhaustion. Ital Heart J 2003; 4:791-796.
14. **von Känel R**, Frey K, Fischer JE. Independent relation of vital exhaustion and inflammation to fibrinolysis in apparently healthy subjects. Scand Cardiovasc J 2004; 38:28-32.

15. Wirtz PH, **von Känel R**, Kunz-Ebrecht S, Ehlert U, Fischer JE. Reduced glucocorticoid sensitivity of monocyte interleukin-6 production in male industrial employees with high plasma levels of tumor necrosis factor- $\alpha$ . Life Sci 2004; 75:1-10.
16. **von Känel R**, Dimsdale JE, Adler KA, Patterson TL, Mills PJ, Grant I. Effects of depressive symptoms and anxiety on hemostatic responses to acute mental stress and recovery in the elderly. Psychiatry Res 2004; 126:253-264.
17. Wirtz PH, **von Känel R**, Frey K, Ehlert U, Fischer JE. Glucocorticoid sensitivity of circulating monocytes in essential hypertension. Am J Hypertens 2004; 17:489-494.
18. **von Känel R**, Kudielka BM, Abd-el-Razik A, Gander ML, Frey K, Fischer JE. Relationship between overnight neuroendocrine activity and morning hemostasis in working men. Clin Sci 2004; 107:89-95.
19. Wirtz PH, **von Känel R**, Rohleder N, Fischer JE. Monocyte proinflammatory cytokine release is higher and glucocorticoid sensitivity is lower in middle-aged men than in women independent of cardiovascular risk factors. Heart 2004; 90:853-858.
20. Jeanmonod P, **von Känel R**, Maly FE, Fischer JE. Elevated plasma C-reactive protein in chronically distressed subjects who carry the A allele of the TNF- $\alpha$  -308 G/A polymorphism. Psychosom Med 2004; 66:501-506.
21. Kudielka BM, **von Känel R**, Gander ML, Fischer JE. Effort-reward imbalance, overcommitment and sleep in a working population. Work & Stress 2004; 18:167-178.
22. Wirtz PH, **von Känel R**, Kunz-Ebrecht S, Rohleder N, Ehlert U, Fischer JE. Enhanced glucocorticoid sensitivity of cytokine release from circulating leukocytes stimulated with lipopolysaccharide in healthy male smokers. Brain Behav Immun 2004; 18:536-543.
23. **von Känel R**, Kudielka BM, Gander ML, Schulze R, Fischer JE. Hypercoagulability in working men and women with high levels of panic-like anxiety. Psychother Psychosom 2004; 73:353-360.
24. **von Känel R**, Jain S, Mills PJ, Nelesen RA, Adler KA, Hong S, Perez CJ, Dimsdale JE. Relation of nocturnal blood pressure dipping to cellular adhesion, inflammation, and hemostasis. J Hypertens 2004; 22:2087-2093.
25. Kudielka BM, **von Känel R**, Gander ML, Fischer JE. The interrelationship of psychosocial risk factors for coronary artery disease in a working population: do we measure distinct or overlapping psychological concepts? Behav Med 2004; 30:35-43.
26. Grande G, Kümmel M, Struwe C, Jordan J, Schubmann R, Schulze F, Unterberg C, **von Känel R**, Kudielka BM, Herrmann-Lingen C. Evaluation der deutschen Typ D-Skala (DS14) und Prävalenz der Typ D-Persönlichkeit bei kardiologischen und psychosomatischen Patienten sowie Gesunden [Evaluation of the German Type D Scale (DS14) and prevalence of the Type D personality pattern in cardiological and psychosomatic patients and healthy subjects]. Psychother Psychosom Med Psychol 2004; 73:353-360.

27. Gander ML, Fischer JE, Maly FE, **von Känel R**. Effect of the G-308A polymorphism of the tumor necrosis factor (TNF)- $\alpha$  gene promoter site on plasma levels of TNF- $\alpha$  and C-reactive protein in smokers. BMC Cardiovasc Disord 2004; 4:17.
28. **von Känel R**, Preckel D, Kudielka BM, Haeberli A, Fischer JE. The effect of natural habituation on coagulation responses to acute mental stress and recovery in men. Thromb Haemost 2004; 92:1327-1335.
29. **von Känel R**, Dimsdale JE, Adler KA, Patterson TL, Mills PJ, Grant I. Exaggerated plasma fibrin turnover (D-dimer) in Alzheimer caregivers as compared to noncaregiving controls. Gerontology 2005; 51:7-13.
30. Zraggen L, Fischer, JE, Mischler K, Preckel D, Kudielka BM, Haeberli A, **von Känel R**. Relationship between haemoconcentration and blood coagulation responses to acute mental stress. Thromb Res 2005; 115:175-183.
31. Preckel D, **von Känel R**, Kudielka BM, Fischer JE. Overcommitment to work is associated with vital exhaustion. Int Arch Occup Environ Health 2005; 78:117-122.
32. **von Känel R**, Kudielka BM, Hanebuth D, Preckel D, Fischer JE. Different contribution of interleukin-6 and cortisol activity to total plasma fibrin concentration and to acute mental stress-induced fibrin formation. Clin Sci 2005; 109:61-67.
33. Mischler K, Fischer JE, Zraggen L, Kudielka BM, Preckel D, **von Känel R**. The effect of repeated acute mental stress on habituation and recovery responses in hemoconcentration and blood cells in healthy men. Life Sci 2005; 77:1166-1179.
34. **von Känel R**, Kudielka BM, Preckel D, Hanebuth D, Herrmann-Lingen C, Fischer JE. Opposite effect of negative and positive affect on stress procoagulant reactivity. Physiol Behav 2005; 86:61-68.
35. McKibbin CL, Ancoli-Israel S, Dimsdale JE, Archuleta C, **von Känel R**, Mills PJ, Patterson TL, Grant I. Sleep in spousal caregivers of people with Alzheimer's disease. Sleep 2005; 10:1245-1250.
36. Kudielka BM, Hanebuth D, **von Känel R**, Gander ML, Grande G, Fischer JE. Health-related quality of life measured by the SF12 in working populations: Associations with psychosocial work characteristics. J Occup Health Psychol 2005; 10:429-440.
37. Aschbacher K, Patterson TL, **von Känel R**, Dimsdale JE, Mills PJ, Adler KA, Ancoli-Israel S, Grant I. Coping processes and hemostatic reactivity to acute stress in dementia caregivers. Psychosom Med 2005; 67:964-971.
38. **von Känel R**, Loredó JS, Dillon E, Adler KA, Dimsdale JE. Short-term isocapnic hypoxia and coagulation activation in patients with sleep apnea. Clin Hemorheol Microcirc 2005; 33:369-377.
39. **von Känel R**, Kudielka BM, Preckel D, Hanebuth D, Fischer JE. Delayed response and lack of habituation in plasma interleukin-6 to acute mental stress in men. Brain Behav Immun 2006; 20:40-48.
40. Mausbach BT, Patterson TL, **von Känel R**, Mills PJ, Ancoli-Israel S, Dimsdale JE, Grant I. Personal mastery attenuates the effect of caregiving stress on psychiatric morbidity. J Nerv Ment Dis 2006; 194:132-134.

41. **von Känel R**, Dimsdale JE, Ancoli-Israel S, Mills PJ, Patterson TL, Archuleta C, McKibbin CL, Grant I. Poor sleep is associated with higher plasma proinflammatory cytokine interleukin-6 and procoagulant marker fibrin D-dimer in older caregivers of people with Alzheimer's disease. J Am Geriatr Soc 2006; 54:431-437.
42. Kudielka BM, **von Känel R**, Preckel D, Zraggen L, Mischler K, Fischer JE. Exhaustion is associated with reduced habituation of free cortisol responses to repeated acute psychosocial stress. Biol Psychol 2006; 72:147-153.
43. Mausbach BT, Aschbacher K, Patterson TL, Ancoli-Israel S, **von Känel R**, Mills PJ, Dimsdale JE, Grant I. Avoidant coping partially mediates the relationship between patient problem behaviors and depressive symptoms in spousal Alzheimer caregivers. Am J Geriatr Psychiatry 2006; 14:299-306.
44. Aschbacher K, **von Känel R**, Dimsdale JE, Patterson TL, Mills PJ, Allison MA, Mausbach BT, Grant I. Dementia severity of the care receiver predicts procoagulant response in Alzheimer caregivers. Am J Geriatr Psychiatry 2006; 14:694-703.
45. **von Känel R**, Hepp U, Buddeberg C, Keel M, Mica L, Aschbacher K, Schnyder U. Altered blood coagulation in patients with posttraumatic stress disorder. Psychosom Med 2006; 68:598-604.
46. **von Känel R**, Loredó JS, Ancoli-Israel S, Dimsdale JE. Association between sleep apnea severity and blood coagulability: treatment effect of nasal continuous positive airway pressure. Sleep Breath 2006; 10:139-146.
47. **von Känel R**, Dimsdale JE, Mills PJ, Ancoli-Israel S, Patterson TL, Mausbach BT, Grant I. Effect of Alzheimer caregiving stress and age on frailty markers interleukin-6, C-reactive protein, and D-dimer. J Gerontol A Biol Sci Med Sci 2006; 61:963-969.
48. Mausbach BT, Ancoli-Israel S, **von Känel R**, Patterson TL, Aschbacher K, Mills PJ, Ziegler MG, Dimsdale JE, Calleran S, Grant I. Sleep disturbance, norepinephrine, and D-dimer are all related in elderly caregivers of people with Alzheimer disease. Sleep 2006; 29:1347-1352.
49. Wirtz PH, **von Känel R**, Mohiyeddini C, Emini L, Ruedisueli K, Groessbauer S, Ehlert U. Low social support and poor emotional regulation are associated with increased stress hormone reactivity to mental stress in systemic hypertension. J Clin Endocrinol Metab 2006; 91:3857-3865.
50. Wirtz PH, Ehlert U, Emini L, Ruedisueli K, Groessbauer S, Mausbach B, **von Känel R**. The role of stress hormones in the relationship between resting blood pressure and coagulation activity. J Hypertens 2006; 24:2409-2416.
51. Wirtz PH, Ehlert U, Emini L, Ruedisueli K, Groessbauer S, Elsenbruch S, Gaab J, **von Känel R**. Anticipatory cognitive stress appraisal and the procoagulant stress response in men. Psychosom Med 2006; 68:851-858.
52. Mausbach BT, Mills PJ, Patterson TL, Aschbacher K, Dimsdale JE, Ancoli-Israel S, **von Känel R**, Grant I. Stress related reductions in personal mastery are related to reduced immune cell  $\beta$ 2-adrenergic receptor sensitivity. Int Psychogeriatr 2007; 19:935-946.

53. Jain S, Mills PJ, **von Känel R**, Hong S, Dimsdale JE. Effects of perceived stress and uplifts on inflammation and coagulability. Psychophysiology 2007; 44:154-160.
54. **von Känel R**, Loredó JS, Ancoli-Israel S, Dimsdale JE. Association between polysomnographic measures of disrupted sleep and prothrombotic factors. Chest 2007; 131:733-739.
55. Mausbach BT, Aschbacher K, Patterson TL, **von Känel R**, Dimsdale JE, Mills PJ, Ancoli-Israel S, Grant I. Effects of placement and bereavement on psychological well-being and cardiovascular risk in Alzheimer's caregivers: a longitudinal analysis. J Psychosom Res 2007; 62:439-445.
56. **von Känel R**, Hepp U, Kraemer B, Traber R, Keel M, Mica L, Schnyder U. Evidence for low-grade systemic proinflammatory activity in patients with posttraumatic stress disorder. J Psychiatr Res 2007; 41:744-752.
57. **von Känel R**, Nelesen RA, Mausbach BT, Mills PJ, Dimsdale JE. Relation of autonomic activity to plasminogen activator inhibitor-1 concentration and the role of body mass index. Blood Coagul Fibrinolysis 2007; 18:353-359.
58. **von Känel R**, Hong S, Pung M, Mills PJ. Association of blood pressure and fitness with levels of atherosclerotic risk markers pre-exercise and post-exercise. Am J Hypertens 2007; 20:670-675.
59. Mills PJ, **von Känel R**, Norman D, Natarajan L, Ziegler MG, Dimsdale JE. Inflammation and sleep in healthy individuals. Sleep 2007; 30:729-735.
60. **von Känel R**, Loredó JS, Ancoli-Israel S, Mills PJ, Dimsdale JE. Elevated plasminogen activator inhibitor-1 in sleep apnea and its relation to the metabolic syndrome: an investigation in 2 different study samples. Metabolism 2007; 56:969-976.
61. Wirtz PH, Ehlert U, Emini L, Ruedisueli K, Groessbauer S, **von Känel R**. Procoagulant stress reactivity and recovery in apparently healthy men with systolic and diastolic hypertension. J Psychosom Res 2007; 63:51-58.
62. Wirtz PH, **von Känel R**, Emini L, Fontana A, Ehlert U. Variations in anticipatory cognitive stress appraisal and differential proinflammatory cytokine expression in response to acute stress. Brain Behav Immun 2007; 21:851-859.
63. Wirtz PH, **von Känel R**, Emini L, Ruedisueli K, Groessbauer S, Maercker A, Ehlert U. Evidence for altered hypothalamus-pituitary-adrenal axis functioning in systemic hypertension: blunted cortisol response to awakening and lower negative feedback sensitivity. Psychoneuroendocrinology 2007; 32:430-436.
64. Bégré S, Frommer A, **von Känel R**, Kiefer C, Federspiel A. Relation of white matter anisotropy to visual memory in 17 healthy subjects. Brain Res 2007; 1168:60-66.
65. Mausbach BT, Patterson T, **von Känel R**, Mills PJ, Dimsdale JE, Ancoli-Israel S, Grant I. The attenuating effect of personal mastery on the relations between stress and Alzheimer caregiver health: a five-year longitudinal analysis. Aging Ment Health 2007; 11:637-644.
66. **von Känel R**, Preckel D, Kudielka BM, Fischer JE. Responsiveness and habituation of soluble ICAM-1 to acute psychosocial stress in men: determinants and effect of stress-hemoconcentration. Physiol Res 2007; 56:627-639.

67. Mausbach BT, **von Känel R**, Dimsdale JE, Patterson TL, Mills PJ, Ancoli-Israel S, Grant I. Spousal caregivers of patients with Alzheimer's disease show longitudinal increases in plasma level of tissue-type plasminogen activator antigen. Psychosom Med 2007; 69:816-822.
68. Aschbacher K, **von Känel R**, Mills PJ, Hong S, Patterson TL, Roepke SK, Mausbach BT, Ziegler MG, Dimsdale JE, Ancoli-Israel S, Grant I. Combination of caregiving stress and hormone replacement therapy is associated with prolonged platelet activation to acute stress among post-menopausal women. Psychosom Med 2007; 69:910-917.
69. Kudielka BM, Fischer JE, Metzenthin P, Helfricht S, Preckel D, **von Känel R**. No effect of 5-day treatment with acetylsalicylic acid (aspirin) or the beta-blocker propranolol (inderal) on free cortisol responses to acute psychosocial stress: a randomized double-blind, placebo-controlled study. Neuropsychobiology 2007; 56:159-166.
70. Mills PJ, Ancoli-Israel S, Parker B, Natarajan L, Hong S, Jain S, Sadler GR, **von Känel R**. Predictors of inflammation in response to anthracycline-based chemotherapy for breast cancer. Brain Behav Immun 2008; 22:98-104.
71. **von Känel R**, Kudielka BM, Metzenthin P, Helfricht S, Preckel D, Haeberli A, Stutz M, Fischer JE. Aspirin, but not propranolol, attenuates the acute-stress induced increase in circulating levels of interleukin-6: a randomized, double-blind, placebo-controlled study. Brain Behav Immun 2008; 22:150-157.
72. **von Känel R**, Kudielka BM, Helfricht S, Metzenthin P, Preckel D, Haeberli A, Cung T, Fischer JE. Effects of aspirin and propranolol on the acute psychological stress response in factor VIII coagulant activity: a randomized, double-blind, placebo-controlled experimental study. Blood Coagul Fibrinolysis 2008; 19:75-81.
73. Wirtz PH, Spillmann M, Bärtschi C, Ehlert U, **von Känel R**. Oral melatonin reduces blood coagulation activity: a placebo-controlled study in healthy young men. J Pineal Res 2008; 44:127-133.
74. **von Känel R**, Hepp U, Traber R, Kraemer B, Mica L, Keel M, Schnyder U. Measures of endothelial dysfunction in plasma of patients with posttraumatic stress disorder. Psychiatry Res 2008; 158:363-373.
75. **von Känel R**, Kudielka BM, Helfricht S, Metzenthin P, Preckel D, Haeberli A, Stutz M, Fischer JE. The effects of aspirin and nonselective beta blockade on the acute prothrombotic response to psychosocial stress in apparently healthy subjects. J Cardiovasc Pharmacol 2008; 51:231-238.
76. Wiedemar L, Schmid JP, Müller J, Wittmann L, Schnyder U, Saner H, **von Känel R**. Prevalence and predictors of posttraumatic stress disorder in patients with acute myocardial infarction. Heart Lung 2008; 37:113-121.
77. Bègré S, Traber MA, Gerber M, **von Känel R**. Change in pain severity with open label venlafaxine use in patients with a depressive symptomatology: an observational study in primary care. Eur Psychiatry 2008; 23:178-186.
78. **von Känel R**, Nelesen RA, Mills PJ, Ziegler MG, Dimsdale JE. Relationship between heart rate variability, interleukin-6, and soluble tissue factor in healthy subjects. Brain Behav Immun 2008; 22:461-468.

79. Roepke SK, Mausbach BT, Aschbacher BT, Ziegler MG, Dimsdale JE, Mills PJ, **von Känel R**, Ancoli-Israel S, Patterson TL, Grant I. Personal mastery is associated with reduced sympathetic arousal in stressed Alzheimer caregivers. Am J Geriatr Psychiatry 2008; 16:310-317.
80. Mausbach BT, **von Känel R**, Patterson TL, Dimsdale JE, Depp CA, Aschbacher K, Mills PJ, Grant I. The moderating effect of personal mastery and the relations between stress and Plasminogen Activator Inhibitor-1 (PAI-1) antigen. Health Psychol 2008; 27(2 Suppl):S172-S179.
81. Aschbacher K, Mills PJ, **von Känel R**, Hong S, Mausbach BT, Roepke SK, Dimsdale JE, Patterson TL, Ziegler MG, Ancoli-Israel S, Grant I. Effects of depressive and anxious symptoms on norepinephrine and platelet P-selectin responses to acute psychological stress among elderly caregivers. Brain Behav Immun 2008; 22:493-502.
82. Wirtz PH, Bärtschi C, Spillmann M, Ehlert U, **von Känel R**. Effect of oral melatonin on the procoagulant response to acute psychosocial stress in healthy men: a randomized, placebo-controlled study. J Pineal Res 2008; 44:358-365.
83. **von Känel R**, Mausbach BT, Kudielka BM, Orth-Gomér K. Relation of morning serum cortisol to prothrombotic activity in women with stable coronary artery disease. J Thromb Thrombolysis 2008; 25:165-172.
84. Wirtz PH, Redwine LS, Baertschi C, Spillmann M, Ehlert U, **von Känel R**. Coagulation activity before and after acute psychosocial stress increases with age. Psychosom Med 2008; 70:476-481.
85. **von Känel R**, Mausbach BT, Patterson TL, Dimsdale JE, Aschbacher K, Mills PJ, Ancoli-Israel S, Grant I. Increased Framingham Coronary Heart Disease Risk Score in dementia caregivers relative to non-caregiving controls. Gerontology 2008; 54:131-137.
86. Kudielka BM, Bellingrath S, **von Känel R**. Circulating fibrinogen but not D-dimer level is associated with vital exhaustion in school teachers. Stress 2008; 11:250-258.
87. **von Känel R**, Bellingrath S, Kudielka BM. Association between burnout and circulating levels of pro- and anti-inflammatory cytokines in school teachers. J Psychosom Res 2008; 65:51-59.
88. Bègré S, Lütgert T, Remonda L, Wiest R, Kiefer C, **von Känel R**. Relationship between perceived sleep problems and thalamic size in patients with chronic fatigue syndrome compared to non-fatigued controls: A preliminary study. Clin Med Insights: Psychiatry 2008; 1:7-15.
89. Mausbach BT, Aschbacher K, Mills PJ, Roepke S, **von Känel R**, Patterson TL, Dimsdale JE, Ziegler MG, Ancoli-Israel S, Grant I. A 5-year longitudinal study on the relationships between stress, coping, and immune cell  $\beta$ 2-adrenergic receptor sensitivity. Psychiatry Res 2008; 180:247-255.
90. **von Känel R**, Orth-Gomér K. Autonomic function and prothrombotic activity in women after an acute coronary event. J Womens Health 2008; 17:1331-1337.

91. Mills PJ, Shapiro D, Goldstein IB, Ottaviani C, Pung MA, Khandrika S, **von Känel R**, Rutledge TR. Metabolic predictors of inflammation, adhesion, and coagulability in healthy younger-aged adults. Obesity 2008; 16:2702-2706.
92. Egger E, Schmid JP, Walker Schmid R, Saner H, **von Känel R**. Depression and anxiety symptoms affect change in exercise capacity during cardiac rehabilitation. Eur J Cardiovasc Prev Rehabil 2008; 15:704-708.
93. Wirtz PH, Ehler U, Bärtschi C, Redwine LS, **von Känel R**. Changes in plasma lipids with psychosocial stress are related to hypertension status and the norepinephrine stress response. Metabolism 2009; 58:30-37.
94. **von Känel R**, Kudielka BM, Haeblerli A, Stutz M, Fischer JE, Patterson SM. Prothrombotic changes with acute psychological stress: Combined effect of hemoconcentration and genuine coagulation activation. Thromb Res 2009; 123:622-630.
95. Fischer JC, Kudielka BM, **von Känel R**, Siegrist J, Thayer JF, Fischer JE. Bone-marrow derived progenitor cells are associated with psychosocial determinants of health after controlling for classical biological and behavioral cardiovascular risk factors. Brain Behav Immun 2009; 23:419-426.
96. Wirtz PH, Redwine L, Ehler U, **von Känel R**. Independent association between lower level of social support and higher coagulation activity before and after acute psychosocial stress. Psychosom Med 2009; 71:30-37.
97. Hong S, Adler KA, **von Känel R**, Nordberg J, Ziegler MG, Mills PJ. Prolonged platelet activation in individuals with elevated blood pressure in response to a moderate exercise challenge. Psychophysiology 2009; 46:276-284.
98. **von Känel R**, Bellingrath S, Kudielka BM. Overcommitment, but not effort-reward imbalance relates to stress-induced coagulation changes in teachers. Ann Behav Med 2009;37:20-28.
99. Guler E, Schmid JP, Wiedemar L, Saner H, Schnyder U, **von Känel R**. Clinical diagnosis of posttraumatic stress disorder after myocardial infarction. Clin Cardiol 2009; 32:125-129.
100. **von Känel R**, Barth J, Kohls S, Saner H, Znoj H, Saner G, Schmid JP. Heart rate recovery after exercise in chronic heart failure: Role of vital exhaustion and type D personality. J Cardiol 2009; 53:248-256.
101. **von Känel R**, Bellingrath S, Kudielka BM. Association between longitudinal changes in depressive symptoms and plasma fibrinogen levels in school teachers. Psychophysiology 2009; 46:473-480.
102. Bègré S, Kiefer, C, Frommer A, **von Känel R**, Federspiel A. Visual memory correlates with white matter structure. Acta Neuropsychiatr 2009; 21:67-74.
103. **von Känel R**, Thayer JF, Fischer JE. Nighttime vagal cardiac control and plasma fibrinogen levels in a population of working men and women. Ann Noninvasive Electrocardiol 2009; 14:176-184.
104. **von Känel R**, Bellingrath S, Kudielka BM. Association of vital exhaustion and depressive symptoms with changes in fibrin D-dimer to acute psychosocial stress. J Psychosom Res 2009; 67:93-101.



105. Mills PJ, Ancoli-Israel S, **von Känel R**, Mausbach BT, Aschbacher K, Patterson TL, Ziegler MG, Dimsdale JE, Grant I. Effects of gender and dementia severity on Alzheimer's disease caregivers' sleep and biomarkers of coagulation and inflammation. Brain Behav Immun 2009; 23:605-610.
106. Aschbacher K, **von Känel R**, Mills PJ, Roepke SK, Hong S, Dimsdale JE, Mausbach BT, Patterson TL, Ziegler MG, Ancoli-Israel S, Grant I. Longitudinal platelet reactivity to acute psychological stress among older men and women. Stress 2009; 12:426-433.
107. Aschbacher K, Roepke SK, **von Känel R**, Mills PJ, Mausbach BT, Patterson TL, Dimsdale JE, Ziegler MG, Ancoli-Israel S, Grant I. Persistent versus transient depressive symptoms in relation to platelet hyperactivation: a longitudinal analysis of dementia caregivers. J Affect Disord 2009; 116:80-87.
108. **von Känel R**, Saner H, Kohls S, Barth J, Znoj H, Saner G, Schmid JP. Relation of heart rate recovery to psychological distress and quality of life in patients with chronic heart failure. Eur J Cardiovasc Prev Rehabil 2009; 16:645-650.
109. Roepke SK, Mausbach BT, **von Känel R**, Ancoli-Israel S, Harmell AL, Dimsdale JE, Aschbacher K, Mills PJ, Patterson TL, Grant I. The moderating role of personal mastery on the relationship between caregiving status and multiple dimensions of fatigue. Int J Geriatr Psychiatry 2009; 24:1453-1462.
110. Mills PJ, Natarajan L, **von Känel R**, Ancoli-Israel S, Dimsdale JE. Diurnal variability of C-reactive protein in obstructive sleep apnea. Sleep Breath 2009; 13:415-420.
111. Barth J, Volz A, Schmid JP, Kohls S, **von Känel R**, Znoj H, Saner H. Gender differences in cardiac rehabilitation outcomes: do women benefit equally in psychological health? J Womens Health 2009; 18:2033-2039.
112. Lukas PS, Krummenacher R, Demarmels Biasiutti F, Bègré S, Znoj HJ, **von Känel R**. Association of fatigue and psychological distress with quality of life in patients with a previous venous thromboembolic event. Thromb Haemost 2009; 102:1219-1226.
113. Krummenacher R, Lukas P, Demarmels Biasiutti F, Bègré S, Znoj HJ, **von Känel R**. Independent association between sleep quality, fatigue and vital exhaustion with platelet count in patients with a previous thromboembolic event. Platelets 2009; 20:566-574.
114. Abbas CC, Schmid JP, Guler E, Wiedemar L, Bègré S, Saner H, Schnyder U, **von Känel R**. Trajectory of posttraumatic stress disorder caused by myocardial infarction: a two-year follow-up study. Int J Psychiatry Med 2009; 39:359-376.
115. **von Känel R**, Schmid JP, Abbas CC, Gander ML, Saner H, Bègré S. Stress hormones in patients with posttraumatic stress disorder caused by myocardial infarction and role of comorbid depression. J Affect Disord 2010; 121:73-79.
116. Bègré S, Traber MA, Gerber M, **von Känel R**. Regional origin and decrease of pain in patients with depressive symptoms under treatment with venlafaxine. Soc Psychiatry Psychiatr Epidemiol 2010; 45:17-24.

117. **von Känel R**, Begré S, Abbas CC, Saner H, Gander ML, Schmid JP. Inflammatory biomarkers in patients with posttraumatic stress disorder caused by myocardial infarction and the role of depressive symptoms. Neuroimmunomodulation 2010; 17:39-46.
118. **von Känel R**, Kraemer B, Saner H, Schmid JP, Abbas CC, Begré S. Posttraumatic stress disorder and dyslipidemia: previous research and novel findings from patients with PTSD caused by myocardial infarction. World J Biol Psychiatry 2010; 11:141-147.
119. **von Känel R**. Ancoli-Israel S, Dimsdale JE, Mills PJ, Mausbach BT, Ziegler MG, Patterson TL, Grant I. Sleep and biomarkers of atherosclerosis in elderly Alzheimer caregivers and controls. Gerontology 2010; 56:41-50.
120. **von Känel R**, Natarajan L, Mills PJ, Ancoli-Israel S, Loredó JS, Dimsdale JE. Day/night rhythm of hemostatic factors in obstructive sleep apnea. Sleep 2010; 33:371-377.
121. Barth J, Schneider S, **von Känel R**. Lack of social support in the etiology and the prognosis of coronary heart disease: a systematic review and meta-analysis. Psychosom Med 2010; 72:229-238.
122. Mausbach BT, Roepke SK, Ziegler MG, Milic M, **von Känel R**, Dimsdale JE, Mills PJ, Patterson TL, Allison, MA, Ancoli-Israel S, Grant I. Association between chronic caregiving stress and impaired endothelial function in the elderly. J Am Coll Cardiol 2010; 55:2599- 2606.
123. Begré S, Traber MA, Gerber M, **von Känel R**. Charakteristika chronischer Schmerzpatienten mit depressiver Begleitsymptomatik in drei unterschiedlichen Behandlungssettings. [Characteristics of patients suffering from chronic pain with depressive symptoms in three different treatment settings]. Med Klin 2010; 105:393-398.
124. **von Känel R**, Abbas CC, Begré S, Gander ML, Saner H, Schmid JP. Association between posttraumatic stress disorder following myocardial infarction and liver enzyme levels: a prospective study. Dig Dis Sci 2010; 55:2614-2623.
125. Hari R, Begré S, Schmid JP, Saner H, Gander ML, **von Känel R**. Change over time in posttraumatic stress caused by myocardial infarction and predicting variables. J Psychosom Res 2010; 69:143-150.
126. **von Känel R**, Mausbach BT, Dimsdale JE, Mills PJ, Patterson TL, Ancoli-Israel S, Ziegler MG, Roepke SK, Allison M, Grant I. Problem behavior of dementia patients predicts low grade hypercoagulability in spousal caregivers. J Gerontol A Biol Sci Med Sci 2010;65:1004-1014.
127. **von Känel R**, Abbas CC, Saner H, Gander ML, Begré S, Schmid JP. Posttraumatic stress disorder and soluble cellular adhesion molecules at rest and in response to a trauma-specific interview in patients after myocardial infarction. Psychiatry Res 2010; 179:312-317.
128. **von Känel R**, Abbas CC, Schmid JP, Saner H, Haeberli A, Stutz M, Begré S. Momentary stress moderates procoagulant reactivity to a trauma-specific interview in patients with posttraumatic stress disorder caused by myocardial infarction. J Psychiatr Res 2010; 44:956-963.
129. Begré S, Traber MA, Gerber M, **von Känel R**. Physician speciality and pain reduction in patients with depressive symptoms under treatment with venlafaxine. Eur Psychiatry 2010; 25:455-460.

130. Mausbach BT, **von Känel R**, Roepke SK, Moore R, Patterson TL, Mills PJ, Dimsdale JE, Ziegler MG, Ancoli-Israel S, Allison M, Grant I. Self-efficacy buffers the relationship between caregiving stress and circulating concentrations of the pro-inflammatory cytokine interleukin-6. Am J Geriatr Psychiatry 2011; 19:64-71
131. Roepke SK, Mausbach BT, Patterson TL, **von Känel R**, Ancoli-Israel S, Harmell AL, Dimsdale JE, Aschbacher K, Mills PJ, Ziegler MG, Allison M, Grant I. Effects of Alzheimer caregiving on allostatic load. J Health Psychol 2011; 16:58-69.
132. **von Känel R**, Mausbach BT, Dimsdale JE, Mills PJ, Patterson TL, Ancoli-Israel S, Ziegler MG, Roepke SK, Harmell AL, Allison M, Grant I. Regular physical activity moderates cardiometabolic risk in Alzheimer's caregivers. Med Sci Sports Exerc 2011; 43:181-189.
133. Cámara RJ, Bègré S, **von Känel R**; Swiss Inflammatory Bowel Disease Cohort Study Group. Avoidance and inhibition do not predict nonrespondent bias in inflammatory bowel disease. J Epidemiol 2011; 21:44-51.
134. **von Känel R**, Carney RM, Zhao S, Whooley MA. Heart rate variability and biomarkers of systemic inflammation in patients with stable coronary heart disease: Findings from the Heart and Soul Study. Clin Res Cardiol 2011; 100:241-247.
135. Cámara RJ, Gander ML, Bègré S, **von Känel R**; Swiss Inflammatory Bowel Disease Cohort Study Group. Posttraumatic stress in Crohn's Disease and its association with disease activity. Frontline Gastroenterol 2011; 2:2-9.
136. Roepke SK, Chattillion EA, Mausbach BT, **von Känel R**, Allison M, Ziegler MG, Dimsdale JE, Mills PJ, Patterson TL, Ancoli-Israel S, Harmell AL, Grant I. Carotid plaque in Alzheimer caregivers and the role of sympatho-adrenal arousal. Psychosom Med 2011; 3:206-213.
137. Krummenacher R, Lukas PS, Demarmels Biasiutti F, Bègré S, Znoj H, **von Känel R**. Relationship between psychological distress and endogenous anticoagulants in patients with a venous thromboembolic event. Clin Appl Thromb Hemost 2011; 17:171-180.
138. Harmell AL, Mausbach BT, Roepke SK, Moore RC, **von Känel R**, Patterson TL, Dimsdale JE, Mills PJ, Ziegler MG, Allison MA, Ancoli-Israel S, Grant I. The relationship between self-efficacy and resting blood pressure in spousal Alzheimer's caregivers. Br J Health Psychol 2011; 16:317-328.
139. Cámara RJ, Lukas PS, Bègré S, Pittet V, **von Känel R**; Swiss Inflammatory Bowel Disease Cohort Study (SIBDCS) Group. Effects of social support on the clinical course of Crohn's disease. Inflamm Bowel Dis 2011; 17:1277-1286.
140. **von Känel R**, Baumert J, Kolb C, Cho EN, Ladwig KH. Chronic posttraumatic stress and its predictors in patients living with an implantable cardioverter-defibrillator. J Affect Disord 2011; 131:344-352.
141. **von Känel R**, Hari R, Schmid JP, Saner H, Bègré S. Distress related to myocardial infarction and cardiovascular outcome: a retrospective observational study. BMC Psychiatry 2011; 11:98.

142. Cámara RJ, Schoepfer AM, Pittet V, Begré S, **von Känel R**; Swiss Inflammatory Bowel Disease Cohort Study (SIBDCS) Group. Mood and non-mood components of perceived stress and exacerbation of Crohn's disease. Inflamm Bowel Dis 2011; 17:2358-2365.
143. **von Känel R**, Hari R, Schmid JP, Wiedemar L, Guler E, Saner H, Schnyder U, Begré S. Non-fatal cardiovascular outcome in patients with posttraumatic stress symptoms caused by myocardial infarction. J Cardiol 2011; 58:61-68.
144. Hänsel A, Lenggenhager B, **von Känel R**, Curatolo M, Blanke O. Seeing and identifying with a virtual body decreases pain perception. Eur J Pain 2011; 15:874-879.
145. Marques-Vidal PM, Bochud M, Bastardot F, Lüscher T, Ferrero F, Gaspoz JM, Paccaud F, Urwyler A, **von Känel R**, Hock C, Waeber G, Preisig M, Vollenweider P. Levels and determinants of inflammatory biomarkers in a Swiss population-based sample (CoLaus study). PLoS One 2011; 6:e21002
146. **von Känel R**, Mausbach BT, Dimsdale JE, Mills PJ, Patterson TL, Ancoli-Israel S, Ziegler MG, Roepke SK, Chattillion EA, Allison M, Grant I. Cardiometabolic effects in caregivers of nursing home placement and death of their Alzheimer spouse. J Am Geriatr Soc 2011; 59:2037-2044.
147. Egloff N, Klingler N, **von Känel R**, Cámara RJ, Curatolo M, Wegmann B, Marti E, Gander Ferrari ML. Algometry with a clothes peg compared to an electronic pressure algometer: a randomized cross-sectional study in pain patients. BMC Musculoskeletal Disord 2011; 12:174.
148. Roepke SK, Allison M, **von Känel R**, Mausbach BT, Chattillion E, Harmell A, Patterson TL, Dimsdale JE, Mills PJ, Ziegler MG, Ancoli-Israel S, Grant I. Relationship between chronic stress and carotid intima-media thickness (IMT) in elderly Alzheimer's disease caregivers. Stress 2012; 15:121-129.
149. **von Känel R**, Mausbach BT, Ancoli-Israel S, Dimsdale JE, Mills PJ, Patterson TL, Ziegler MG, Roepke SK, Chattillion EA, Allison M, Grant I. Sleep in spousal Alzheimer caregivers: a longitudinal study with a focus on the effects of major patient transitions on sleep. Sleep 2012; 35:247-255.
150. **von Känel R**, Mausbach BT, Dimsdale JE, Mills PJ, Patterson TL, Ancoli-Israel A, Ziegler MG, Roepke SK, Allison M, Grant I. Effect of chronic dementia caregiving and major transitions in the caregiving situation on kidney function: A longitudinal study. Psychosom Med 2012; 74:214-220.
151. Marques-Vidal PM, Velho S, Mooser V, Waeber G, **von Känel R**, Vollenweider P. The association between inflammatory biomarkers and metabolically healthy obesity depends of the definition used. Eur J Clin Nutr 2012; 66:426-435.
152. Austin AW, Wirtz PH, Patterson SM, Stutz M, **von Känel R**. Stress-induced alterations in coagulation: Assessment of a new hemoconcentration correction technique. Psychosom Med 2012; 74:288-295.
153. Marques-Vidal PM, Bochud M, Bastardot F, **von Känel R**, Ferrero F, Gaspoz JM, Paccaud F, Urwyler A, Lüscher T, Hock C, Waeber G, Preisig M, Vollenweider P. Associations between alcohol consumption and selected cytokines in a Swiss population-based sample (CoLaus study). Atherosclerosis 2012; 222:245-250.

154. Cho EY-N, **von Känel R**, Marten-Mittag B, Ronel J, Kolb C, Baumert J, Ladwig KH. Determinants and trajectory of phobic anxiety in patients living with an implantable cardioverter defibrillator in a German sample. Heart 2012; 98:806-812.
155. Cámara RJ, Juillerat P, Pittet V, Schoepfer AM, Begré S, **von Känel R**; and the Swiss Inflammatory Bowel Disease Cohort Study Group. Quality of life: a potentially useful measure to indicate subclinical flares in Crohn disease. Intern Med J 2012; 42:e145-e151.
156. **von Känel R**, Mills PJ, Mausbach BT, Dimsdale JE, Patterson TL, Ziegler MG, Ancoli-Israel S, Allison M, Chattillion EA, Grant I. Effect of Alzheimer caregiving on circulating levels of C-reactive protein and other biomarkers relevant to cardiovascular disease risk: a longitudinal study. Gerontology 2012; 58:354-365.
157. Chattillion EA, Mausbach BT, Roepke SK, **von Känel R**, Mills PJ, Dimsdale JE, Allison M, Ziegler MG, Patterson TL, Ancoli-Israel S, Grant I. Leisure activities, caregiving demands and catecholamine levels in dementia caregivers. Psychol Health 2012; 27:1134-1149.
158. Stauber S, Schmid JP, Saner H, Saner G, Grolimund J, **von Känel R**. A comparison of psychosocial risk factors between 3 groups of cardiovascular disease patients referred for outpatient cardiac rehabilitation. J Cardiopulm Rehabil Prev 2012; 32:175-181.
159. Mausbach BT, Chattillion EA, Roepke SK, Ziegler MG, Milic M, **von Känel R**, Dimsdale JE, Mills PJ, Patterson TL, Allison MA, Ancoli-Israel S, Grant I. A longitudinal analysis of the relations among stress, depressive symptoms, leisure satisfaction, and endothelial function in caregivers. Health Psychol 2012; 31:433-440.
160. Lukas PS, Neugebauer A, Schnyder S, Demarmels Biasiutti F, Krummenacher R, Gander Ferrari ML, **von Känel R**. Depressive symptoms, perceived social support, and prothrombotic measures in patients with venous thromboembolism. Thromb Res 2012; 130:374-380.
161. Egloff N, Maecker F, Stauber S, Sabbioni ME, Tunklova L, **von Känel R**. Nondermatomal somatosensory deficits in chronic pain patients: Are they really hysterical? Pain 2012; 153:1847-1851.
162. **von Känel R**, Vökt F, Demarmels Biasiutti F, Stauber S, Wuillemin WA, Lukas PS. Relation of psychological distress to the international normalized ratio in patients with venous thromboembolism with and without oral anticoagulant therapy. J Thromb Haemost 2012; 10:1547-1555.
163. **von Känel R**, Mausbach BT, Dimsdale JE, Mills PJ, Patterson TL, Ancoli-Israel S, Ziegler MG, Roepke SK, Allison M, Grant I. Ways of coping and biomarkers of an increased atherothrombotic cardiovascular disease risk in elderly individuals. Cardiovasc Psychiatry Neurol 2012; 2012:875876.
164. Hähni F, **von Känel R**, Nedeljkovic M, Stanga Z, Ott R. Charakteristika schwer essgestörter Patientinnen in einer universitären Einrichtung und therapeutische Richtlinien. [Characteristics of patients with severe eating disorders from a university hospital and therapeutic guidelines.] Praxis (Bern 1994) 2012; 101:1089-1097.
165. Messerli-Bürgy N, Barth J, **von Känel R**, Schmid JP, Saner H, Znoj H. Maladaptive emotion regulation is related to distressed personalities in cardiac patients. Stress Health 2012; 28:247-255.

166. Marques-Vidal PM, Bochud M, Bastardot F, Lüscher T, Ferrero F, Gaspoz JM, Paccaud F, Urwyler A, **von Känel R**, Hock C, Waeber G, Preisig M, Vollenweider P. Association between inflammatory and obesity markers in a Swiss population-based sample (CoLaus study). Obes Facts 2012; 5:734-744.
167. Wilson KL, Tomfohr L, Edwards K, Knott C, Hong S, Redwine L, Calfas K, Rock CL, **von Känel R**, Mills PJ. Effects of aerobic fitness and adiposity on coagulation biomarkers in men vs. women with elevated blood pressure. Eur J Cardiovasc Med 2012; 2:122-128.
168. Egloff N, Cámara RJ, **von Känel R**, Klingler N, Marti E, Gander Ferrari ML. Pain drawings in somatoform-functional pain. BMC Muskuloskeletal Disord 2012; 13:257.
169. Marques-Vidal P, Schmid R, Bochud M, Bastardot F, **von Känel R**, Paccaud F, Glaus J, Preisig M, Waeber G, Vollenweider P. Adipocytokines, hepatic and inflammatory biomarkers and incidence of type 2 diabetes. The CoLaus study. PLoS One 2012; 7:e51768.
170. Marques-Vidal P, Bastardot F, **von Känel R**, Paccaud F, Preisig M, Waeber G, Vollenweider P. Association between circulating cytokine levels, diabetes and insulin resistance in a population-based sample (CoLaus study). Clin Endocrinol 2013; 78:232-241.
171. **von Känel R**, Natarajan L, Ancoli-Israel S, Mills PJ, Wolfson T, Gamst AC, Loreda JS, Dimsdale JE. Effect of continuous positive airway pressure on day/night rhythm of prothrombotic markers in obstructive sleep apnea. Sleep Med 2013; 14:58-65.
172. Chattillion EA, Ceglowski J, Roepke SK, **von Känel R**, Losada A, Mills PJ, Romero Moreno R, Grant I, Patterson TL, Mausbach BT. Pleasant events, activity restriction, and blood pressure in dementia caregivers. Health Psychol 2013; 32:793-801.
173. Stauber S, Schmid JP, Saner H, Znoj HJ, Saner G, Grolimund J, **von Känel R**. Health-related quality of life is associated with positive affect in patients with coronary heart disease entering cardiac rehabilitation. J Clin Psychol Med Settings 2013; 20:79-87.
174. Siebert U, Wurm J, Matteucci Gothe R, Arvandi M, Vavricka SR, **von Känel R**, Bégre S, Sulz MC, Meyenberger C, Sagmeister M and the Swiss IBD cohort study group. Predictors of temporary and permanent work disability in patients with inflammatory bowel disease: Results of the Swiss Inflammatory Bowel Disease Cohort Study. Inflamm Bowel Dis 2013; 19:847-855.
175. Sulz MC, Siebert U, Arvandi M, Matteucci Gothe R, Wurm J, **von Känel R**, Vavricka SR, Meyenberger C, Sagmeister M on behalf of the members of the Swiss IBD Cohort Study Group. Predictors for hospitalization and outpatient visits in patients with inflammatory bowel disease. Results from the Swiss Inflammatory Bowel Disease Cohort Study. Eur J Gastroenterol Hepatol 2013; 25:790-797.
176. Baumert J, Lukaschek K, Kruse J, Emeny RT, Koenig W, **von Känel R**, Ladwig KH; for the KORA investigators. No evidence for an association of posttraumatic stress disorder with circulating levels of CRP or IL-18 in a population-based study. Cytokine 2013; 63:201-208.

177. Moore RC, Chattillion EA, Ceglowski J, Ho J, **von Känel R**, Mills PJ, Ziegler MG, Patterson TL, Grant I, Mausbach BT. A randomized clinical trial of behavioral activation (BA) therapy for improving psychological and physical health in dementia caregivers: Results of the Pleasant Events Program (PEP). Behav Res Ther 2013; 51:623-632.
178. Hänsel A, **von Känel R**. Unconscious fearful priming followed by a psychosocial stress test results in higher cortisol levels. Stress Health 2013; 29:317-323.
179. Stauber S, Schmid JP, Saner H, Znoj H, Saner G, Grolimund J, **von Känel R**. Change in positive affect during outpatient cardiac rehabilitation predicts vital exhaustion in patients with coronary heart disease. Behav Med 2013; 39:122-128.
180. Irwin SA, Mausbach BT, Koo D, Fairman N, Roepke-Buehler SK, Chattillion EA, Dimsdale JE, Patterson TL, Ancoli-Israel S, Mills PJ, **von Känel R**, Ziegler MG, Grant I. Association between hospice care and psychological outcomes in Alzheimer's spousal caregivers. J Palliat Med 2013; 16:1450-1454.
181. **von Känel R**, Hamer M, Malan NT, Scheepers K, Meiring M, Malan L. Prothrombotic reactivity to laboratory acute mental stress in Africans and Caucasians and its relation to depressive symptoms: The SABPA Study. Thromb Haemost 2013; 110:977-986.
182. Malan NT, **von Känel R**, Schutte AE, Huisman H, Schutte R, Mels CM, Kruger R, Meiring M, Smith W, van Rooyen JM, Malan L. Testosterone and acute stress are associated with fibrinogen and von Willebrand factor in African men: The SABPA study. Int J Cardiol 2013; 168:4638-4642.
183. Stauber S, Guérat V, Barth J, Schmid JP, Saner H, Znoj HJ, Grolimund J, **von Känel R**. Psychosocial outcome in cardiovascular rehabilitation of peripheral arterial disease and coronary artery disease patients. Vasc Med 2013; 18:257-262.
184. Glaus J, Vandeleur C, Gholam-Rezaee M, Castela E, Perrin M, Rothen S, Bovet P, Marques-Vidal P, **von Känel R**, Merikangas K, Mooser V, Waterworth DM, Waeber G, Vollenweider P, Preisig M. Atypical depression and alcohol misuse are related to the cardiovascular risk in the general population. Arch Psychiatr Scand 2013; 128:282-293.
185. Fahrni J, Cho EY-N, Engelberger RP, Baumgartner I, **von Känel R**. Quality of life in patients with congenital vascular malformations. J Vasc Surg Venous Lymphat Disord 2014; 2:46-51.
186. Cooper DC, Ziegler MG, Milic MS, Ancoli-Israel S, Mills PJ, Loreda JS, **von Känel R**, Dimsdale JE. Endothelial function and sleep: associations of flow-mediated dilation with perceived sleep quality and rapid eye movement (REM) sleep. J Sleep Res 2014; 23:84-93.
187. **von Känel R**, Mills PJ, Dimsdale JE, Patterson TL, Ancoli-Israel S, Ziegler MG, Allison M, Chattillion EA, Grant I, Mausbach BT. Longitudinal relationship of low leisure satisfaction but not depressive symptoms with systemic low-grade inflammation in dementia caregivers. J Gerontol B Psychol Sci Soc Sci 2014; 69:397-407.

188. **von Känel R**, Mausbach BT, Ancoli-Israel S, Mills PJ, Dimsdale JE, Patterson TL, Grant I. Positive affect and sleep in spousal Alzheimer caregivers: a longitudinal study. Behav Sleep Med 2014; 12:358-372.
189. Hofer M, Pozzi A, Joray M, Ott R, Leuenberger M, **von Känel R**, Stanga Z. Safe refeeding management of anorexia nervosa in-patients by an evidence-based protocol. Nutrition 2014; 30:524-530.
190. Egloff N, Cámara RJ, **von Känel R**, Klingler N, Marti E, Gander Ferrari ML. Hypersensitivity and hyperalgesia in somatoform pain disorders. Gen Hosp Psychiatry 2014; 36:284-290.
191. Wirtz PH, **von Känel R**, Meister R, Arpagaus A, Treichler S, Kuebler U, Huber S, Ehlert U. Dark chocolate intake buffers stress reactivity in humans. J Am Coll Cardiol 2014; 63: 2297-2299.
192. Kuebler U, Trachsel M, **von Känel R**, Abbruzzese E, Ehlert U, Wirtz PH. Attributional styles and stress-related atherogenic plasma lipid reactivity in essential hypertension. J Psychosom Res 2014; 77:51-56.
193. Glaus J, Vandeleur C, **von Känel R**, Lasserre AM, Strippoli MF, Gholam-Rezaee M, Castela E, Marques-Vidal P, Bovet P, Merikangas K, Mooser V, Waeber G, Vollenweider P, Aubry JM, Preisig M. Associations between mood, anxiety or substance use disorders and inflammatory markers after adjustment for multiple covariates in a population-based study. J Psychiatr Res 2014; 38:36-45.
194. Kuebler U, **von Känel R**, Heimgartner N, Zuccharella-Hackl C, Stirnimann G, Ehlert U, Wirtz PH. Norepinephrine infusion with and without alpha-adrenergic blockade increases salivary alpha amylase in healthy men. Psychoneuroendocrinology 2014; 49:290-298.
195. **von Känel R**, Müller-Hartmannsgruber V, Kokinogenis G, Egloff N. Vitamin D and central hypersensitivity in chronic pain. Pain Med 2014; 15:1609-1618.
196. Mausbach BT, Chattillion EA, Ho J, Flynn LM, Tiznado D, **von Känel R**, Patterson TL, Grant I. Why does placement of persons with Alzheimer's disease into long-term care improve caregivers' well-being? Examination of psychological mediators. Psychol Aging 2014; 29:776-786.
197. **von Känel R**, Meister R, Stutz M, Kummer P, Arpagaus A, Huber S, Ehlert U, Wirtz PH. Effects of dark chocolate consumption on the prothrombotic response to acute psychosocial stress in healthy men. Thromb Haemost 2014; 112:1151-1158.
198. **von Känel R**, Malan NT, Hamer M, van der Westhuizen FH, Malan L. Leukocyte telomere length and hemostatic factors in a South African cohort: The SABPA Study. J Thromb Haemost 2014; 12:1975-1985.
199. Hamer M, **von Känel R**, Reimann M, Malan N, Schutte AE, Huisman HW, Malan L. Progression of cardiovascular risk factors in Black Africans: 3 year follow up of the SABPA cohort study. Atherosclerosis 2015; 238:52-54.
200. **von Känel R**, Malan NT, Hamer M, Malan L. Comparison of telomere length in black and white teachers from South Africa: the sympathetic activity and ambulatory blood pressure in africans study. Psychosom Med 2015; 77:26-32.



201. Kuebler U, Zuccharella-Hackl C, Arpagaus A, Wolf JM, Farahmand F, **von Känel R**, Ehlert U, Wirtz PH. Stress-induced modulation of NF- $\kappa$ B activation, inflammation-associated gene expression, and cytokine levels in blood of healthy men. Brain Behav Immun 2015; 46:87-95.
202. Gander Ferrari ML, Thuraisingam S, **von Känel R**, Egloff N. Expectations and effects of a single yoga session on pain perception. Int J Yoga 2015; 8:154-157.
203. Meyer FA, Hugentobler E, Stauber S, Wilhelm M, Znoj HJ, **von Känel R**. Depressive symptoms at discharge from rehabilitation predict future cardiovascular-related hospitalizations. Cardiology 2015; 131:80-85.
204. Wagner EY, Wagner JT, Glaus J, Vandeleur CL, Castelao E, Strippoli MP, Vollenweider P, Preisig M, **von Känel R**. Evidence for low-grade systemic inflammation in individuals with agoraphobia from a population-based prospective study. PLoS One 2015; 10:e0123757
205. Meyer FA, Stauber S, Wilhelm M, Znoj HJ, **von Känel R**. Level of incongruence during cardiac rehabilitation and prediction of future CVD-related hospitalizations plus all-cause mortality. Psychol Health Med 2015; 20:605-613.
206. **von Känel R**, Margani A, Stauber S, Meyer FA, Demarmels Biasiutti F, Vökt F, Wissmann T, Lämmle B, Lukas PS. Depressive symptoms as a novel risk factor for recurrent venous thromboembolism: a longitudinal observational study in patients referred for thrombophilia investigation. PLoS One 2015; 10:e0125858.
207. De Wet Scheepers J, Malan L, De Kock A, Malan NT, Cockeran M, **von Känel R**. Ethnic disparity in defensive coping endothelial responses: The SABPA study. Physiol Behav 2015; 147:306-312.
208. Princip M, Koemeda M, Meister RE, Barth J, Schnyder U, Znoj HJ, Schmid JP, **von Känel R**. A picture paints a thousand words: Heart drawings reflect acute distress, illness perception and predict posttraumatic stress symptoms after acute myocardial infarction. Health Psychol Open 2015; January-June:1-10.
209. Egloff N, **von Känel R**, Müller V, Egle UT, Kokinogenis G, Lederbogen S, Durrer B, Stauber S. Implications of proposed fibromyalgia criteria across other functional pain syndromes. Scand J Rheumatol 2015; 44:416-424.
210. Meyer FA, **von Känel R**, Saner H, Schmid JP, Stauber S. Positive affect moderates the effect of negative affect on cardiovascular disease-related hospitalizations and all-cause mortality after cardiac rehabilitation. Eur J Prev Cardiol 2015; 10:1247-1253.
211. Biedermann L, Fournier N, Misselwitz B, Frei P, Zeitz J, Manser CN, Pittet V, Juillerat P, **von Känel R**, Fried M, Vavricka S, Rogler G. Smoking in patients with IBD: High smoking rates especially in female CD patients and alarmingly low use of supportive measures to achieve smoking cessation – Data from the SwissIBD cohort study. J Crohns Colitis 2015; 9:819-829.
212. **von Känel R**, Fardad N, Steurer N, Horak N, Hindermann E, Fischer F, Gessler K. Vitamin D status and depressive symptomatology in psychiatric patients hospitalized with a current depressive episode: a factor analytic study. PLoS One 2015; 10:e0138550.
213. Malan NT, Smith W, **von Känel R**, Schutte AE, Huisman H, Hamer M, Malan L. Low serum testosterone and increased diastolic ocular perfusion pressure: a risk for retinal microvasculature. Vasa 2015; 44:435-443.

214. Meister R, Weber T, Princip M, Schnyder U, Barth J, Znoj HJ, Schmid JP, **von Känel R**. Resilience as a correlate of acute stress disorder symptoms in patients with acute myocardial infarction. Open Heart 2015; 2(1):e000261.
215. **von Känel R**, Malan N, Hamer M, Lambert GW, Schlaich M, Reimann M, Malan L. Three-year changes of prothrombotic factors in a cohort of South Africans with a high clinical suspicion of obstructive sleep apnea. Thromb Haemost 2016; 115:63-72.
216. Meister RE, Princip M, Schnyder U, Barth J, Znoj H, Schmid JP, Wittmann L, **von Känel R**. Association of trait resilience with peritraumatic and posttraumatic stress in patients with myocardial infarction. Psychosom Med 2016; 78:327-334.
217. Meister R, Weber T, Princip M, Schnyder U, Barth J, Znoj H, Schmid JP, **von Känel R**. Perception of a hectic hospital environment at admission relates to acute stress disorder symptoms in myocardial infarction patients. Gen Hosp Psychiatry 2016; 39:8-14.
218. Schwarzkopf K, Conrad N, Straus D, Porschke H, **von Känel R**. Einmal Burnout ist nicht immer Burnout: Eine stationäre multimodale Psychotherapie ist eine effektive Burnout-Behandlung. [Effectiveness of an inpatient multimodal psychiatric-psychotherapeutic program for the treatment of job burnout]. Praxis (Bern 1994) 2016; 105:315-321.
219. Schwarzkopf K, Straus D, Porschke H, Znoj H, Conrad N, Schmidt-Trucksäss A, **von Känel R**. Empirical evidence for a relationship between narcissistic personality traits and job burnout. Burn Res 2016; 3:25-33.
220. Cámara RJ, Merz C, Wegmann B, Stauber S, **von Känel R**, Egloff N. Cost-saving early diagnosis of functional pain in nonmalignant pain: a noninferiority study of diagnostic accuracy. Pain Res Treat 2016; 2016:5964250.
221. Malan L, Hamer M, **von Känel R**, Schlaich MP, Reimann M, Frasere-Smith N, Lambert GW, Vilser W, Harvey BH, Steyn HS, Malan NT. Chronic depression symptoms and salivary NOx are associated with retinal vascular dysregulation: the SABPA study. Nitric Oxide 2016; 55-56:10-17.
222. Zuccharella-Hackl C, **von Känel R**, Thomas L, Kuebler P, Schmid JP, Mattle HP, Mono ML, Rieben R, Wiest R, Wirtz PH. Higher macrophage superoxide anion production in coronary artery disease (CAD) patients with Type D personality. Psychoneuroendocrinology 2016; 68:186-193.
223. Thurston RC, Matthews KA, Chang Y, Santoro N, Barinas-Mitchell E, **von Känel R**, Landsittel DP, Jennings JR. Changes in heart rate variability during vasomotor symptoms among midlife women. Menopause 2016; 23:499-505.
224. Serfőző G, Horváth T, Földesi I, Rafael B, **von Känel R**, Keresztes M. The monocyte-to-lymphocyte ratio correlates with psycho-neuro-inflammatory factors in patients with stable coronary artery disease. Neuroimmunomodulation 2016; 23:67-74.

225. Mikocka-Walus A, Pittet V, Rossel JB, **von Känel R**; Swiss IBD Cohort Study Group. Symptoms of depression and anxiety are independently associated with clinical recurrence of inflammatory bowel disease. Clin Gastroenterol Hepatol 2016;14: 829-835.
226. De Wet Scheepers J, Malan L, De Kock A, Malan NT, Cockeran M, **von Känel R**. Hypercoagulation and hyperkinetic blood pressure indicative of physiological loss-of-control despite behavioural control in Africans: The SABPA study. Blood Press 2016; 25:219-227.
227. Zuccharella-Hackl C, **von Känel R**, Thomas L, Hauser M, Kuebler U, Widmer HR, Wirtz PH. Macrophage superoxide anion production in essential hypertension: Associations with biological and psychological cardiovascular risk factors. Psychosom Med 2016; 68:186-193.
228. Kuebler U, Arpagaus A, Meister RE, **von Känel R**, Huber S, Ehlert U, Wirtz PH. Dark chocolate attenuates intracellular pro-inflammatory reactivity to acute psychosocial stress in men: A randomized controlled trial. Brain Behav Immun 2016; 57:200-208.
229. Jansen van Vuren E, Malan L, **von Känel R**, Cockeran M, Malan NT. Hyperpulsatile pressure, systemic inflammation and cardiac stress are associated with cardiac wall remodelling in an African male cohort: The SABPA study. Hypertens Res 2016; 39:648-653.
230. Ajdacic-Gross V, Rodgers A, Aleksandrowicz A, Mütsch M, Steinemann N, von Wyl V, **von Känel R**, Bopp M. Cancer co-occurrence patterns in Parkinson's disease and multiple sclerosis - Do they mirror immune system imbalances? Cancer Epidemiol 2016; 44:167-173.
231. Thurston RC, Chang Y, Barinas-Mitchell E, Jennings JR, Landsittel DP, Santoro N, **von Känel R**, Matthews KA. Menopausal hot flashes and carotid intima media thickness among midlife women. Stroke 2016; 47:2910-2915.
232. **von Känel R**, van Nuffel M, Fuchs WJ. Risk assessment for job burnout with a mobile health web application using questionnaire data: a proof of concept study. Biopsychosoc Med 2016; 10:31.
233. Princip M, Scholz M, Meister-Langraf RE, Barth J, Schnyder U, Znoj H, Schmid JP, Thayer JF, **von Känel R**. Can illness perceptions predict lower heart rate variability following acute myocardial infarction? Front Psychol 2016; 7:1801.
234. Ajdacic-Gross V, Aleksandrowicz A, Rodgers S, Mütsch M, Tesic A, Müller M, Kawohl W, Rössler W, Seifritz E, Castela E, Strippoli MP, Vandeleur C, **von Känel R**, Paolicelli P, Landolt MA, Witthauer C, Lieb R, Preisig M. Infectious, atopic and inflammatory diseases, childhood adversities and familial aggregation are independently associated with the risk for mental disorders: Results from a large Swiss epidemiological study. World J Psychiatry 2016; 6:419-430.
235. Ajdacic-Gross V, Aleksandrowicz A, Rodgers S, Müller M, Kawohl W, Rössler W, Castela E, Vandeleur C, **von Känel R**, Mütsch M, Lieb R, Preisig M. Social phobia is associated with delayed onset of chickenpox, measles and mumps infections. Front Psychiatry 2016; 7:203.

236. Studer M, Stewart JA, Egloff N, Zürcher E, **von Känel R**, Brodbeck J, grosse Holtforth M. Psychosoziale Stressoren und Schmerzempfindlichkeit bei chronischer Schmerzstörung mit somatischen und psychischen Faktoren (F45.41). [Psychosocial stressors and pain sensitivity in chronic pain disorder with somatic and psychological factors (F45.41)]. Schmerz 2017; 31:40-46.
237. Schreiner P, Biedermann L, Rossel JB, Rogler G, Pittet V, **von Känel R**; Swiss IBD Cohort Study Group. Prevalence and determinants of job stress in patients with inflammatory bowel disease. Inflamm Bowel Dis 2017; 23:310-317.
238. Egloff N, Wegmann B, Personeni Juon B, Stauber S, **von Känel R**, Vögelin E. The impact of anxiety and depressive symptoms on chronic pain in conservatively and operatively treated hand surgery patients. J Pain Res 2017; 10:259-263.
239. Thurston RC, Chang Y, Barinas-Mitchell E, **von Känel R**, Jennings JR, Santoro N, Landsittel DP, Matthews KA. Child abuse and neglect and subclinical cardiovascular disease among midlife women. Psychosom Med 2017; 79:441-449.
240. **von Känel R**, Bruwer EJ, Hamer M, de Ridder JH, Malan L. Association between objectively measured physical activity, chronic stress and leukocyte telomere length. J Sports Med Phys Fitness 2017; 57:1349-1358.
241. Thurston RC, Chang Y, **von Känel R**, Barinas-Mitchell E, Jennings JR, Hall MH, Santoro N, Buysse DJ, Matthews KA. Sleep characteristics and carotid atherosclerosis among midlife women. Sleep 2017; 40:zsw053.
242. Thurston RC, Chang Y, Barinas-Mitchell E, Jennings JR, **von Känel R**, Landsittel DP, Matthews KA. Physiologically assessed hot flashes and endothelial function among midlife women. Menopause 2017; 24:886-893.
243. **von Känel R**, Herr RM, van Vianen AE, Schmidt B. Association of adaptive and maladaptive narcissism with personal burnout: Findings from a cross-sectional study. Ind Health 2017; 55:233-242.
244. Cardenas V, Mausbach BT, Sommerfeld D, Jimenez D, **von Känel R**, Ho JS, Garcia P, Aarons GA. Depression is associated with increased risk for metabolic syndrome in Latinos with type 2 diabetes. Am J Geriatr Psychiatry 2017; 25:646-653.
245. Mausbach BT, Romero-Moreno R, Bos T, **von Känel R**, Ziegler MG, Allison MA, Mills PJ, Dimsdale JE, Ancoli-Israel S, Losada A, Márquez-González M, Patterson TL, Grant I. Engagement in pleasant leisure activities and blood pressure: A 5-year longitudinal study in Alzheimer caregivers. Psychosom Med 2017; 79:735-741.
246. Pogosova N, Kotseva K, De Bacquer D, **von Känel R**, De Smedt D, Bruthans J, Dolzhenko M; on behalf of the EUROASPIRE Investigators. Psychosocial risk factors in relation to other cardiovascular risk factors in coronary heart disease: Results from the EUROASPIRE IV survey. A registry from the European Society of Cardiology. Eur J Prev Cardiol 2017; 24:1371-1380.
247. Malan NT, **von Känel R**, Steyn HS, Kruger R, Malan L. The protective role of estradiol against silent myocardial ischemia and hypertension risk in South African men: the SABPA study. Int J Cardiol 2017; 244:43-48.

248. Rudaz DA, Vandeleur CL, Gebreab SZ, Gholam-Rezaee M, Strippoli MF, Lasserre AM, Glaus J, Castelao E, Pistis G, **von Känel R**, Marques-Vidal P, Waeber G, Vollenweider P, Preisig M. Partially distinct combinations of psychological, metabolic and inflammatory risk factors are prospectively associated with the onset of the subtypes of major depressive disorder in midlife. J Affect Disord 2017; 222:195-203.
249. Malan L, Hamer M, **von Känel R**, Lambert GW, Delport R, Steyn HS, Malan NT. Chronic defensiveness and neuroendocrine dysfunction reflect a novel cardiac troponin T cut point: The SABPA study. Psychoneuroendocrinology 2017; 85:20-27.
250. Stauber S, Rohrbach T, Saner H, Schmid JP, Grolimund J, **von Känel R**. Heart rate recovery after exercise in outpatients with coronary heart disease: Role of depressive symptoms and positive affect. J Clin Psychol Med Settings 2017; 24:376-384.
251. Imholz L, Meister-Langraf RE, Princip M, Fux M, Schnyder U, Barth J, Znoj H, Schmid JP, **von Känel R**. Are inflammatory cytokines associated with pain during acute myocardial infarction? Neuroimmunomodulation 2017; 24:154-161.
252. Wu KK, Bos T, Mausbach BT, Milic M, Ziegler MG, **von Känel R**, Allison MA, Dimsdale JE, Mills PJ, Ancoli-Israel S, Patterson TL, Grant I. Long-term caregiving is associated with impaired cardiovagal baroreflex. J Psychosom Res 2017; 103:29-33.
253. Bielas H, Meister-Langraf RE, Schmid JP, Barth J, Znoj H, Schnyder U, Princip M, **von Känel R**. Acute stress disorder and C-reactive protein in patients with acute myocardial infarction. Eur J Prev Cardiol 2018; 25:298-305.
254. **von Känel R**, Meister-Langraf RE, Schmid JP, Barth J, Znoj H, Schnyder U, Princip M. Low self-rated health and blood hypercoagulability in patients admitted with acute myocardial infarction. Thromb Haemost 2018; 118:54-62.
255. Thurston RC, Barinas-Mitchell E, **von Känel R**, Matthews KA. Trauma exposure and endothelial function among midlife women. Menopause 2018; 25:368-374.
256. Glaus J, **von Känel R**, Lasserre AM, Strippoli MF, Vandeleur CL, Castelao E, Gholam-Rezaee M, Marangoni C, Wagner EN, Marques-Vidal P, Waeber G, Vollenweider P, Preisig M, Merikangas KR. Mood disorders and circulating levels of inflammatory markers in a longitudinal population-based study. Psychol Med 2018; 48:961-973.
257. Greuter T, Franc Y, Kaelin M, Schoepfer AM, Schreiner P, Zeitz J, Scharl M, Misselwitz B, Straumann A, **von Känel R**, Vavricka SR, Rogler G, Biedermann L; on behalf of the Swiss IBD Cohort Study Group. Low serum zinc levels predict presence of depression symptoms, but not overall disease outcome, regardless of ATG16L1-genotype in Crohn's disease patients. Therap Adv Gastroenterol 2018; 11:1756283X18757715.
258. **von Känel R**, Barth J, Princip M, Meister-Langraf RE, Schmid JP, Znoj H, Herbert C, Schnyder U. Early psychological counseling for the prevention of posttraumatic stress induced by acute coronary syndrome: The MI-SPRINT randomized-controlled trial. Psychother Psychosom 2018; 87:75-84.

259. Glaus J, **von Känel R**, Lasserre AM, Strippoli MF, Vandeleur CL, Castelao E, Gholam-Rezaee M, Marangoni C, Wagner EN, Marques-Vidal P, Waeber G, Vollenweider P, Preisig M, Merikangas KR. The bidirectional relationship between anxiety disorders and circulating levels of inflammatory markers: results from a large longitudinal population-based study. Depress Anxiety 2018; 80:628-639.
260. Stewart JA, Aebischer V, Egloff N, Wegmann B, **von Känel R**, Vögelin E, Grosse Holtforth M. The role of health locus of control in pain intensity outcome of conservatively and operatively treated hand surgery patients. Int J Behav Med 2018; 25:374-379.
261. Nowakowski S, Matthews KA, **von Känel R**, Hall MH, Thurston RC. Sleep characteristics and inflammatory biomarkers among midlife women. Sleep 2018; 41:zsy049.
262. Bielas H, Meister-Langraf RE, Schmid JP, Barth J, Znoj H, Schnyder U, Princip M, **von Känel R**. C-reactive protein as a predictor of posttraumatic stress induced by acute myocardial infarction. Gen Hosp Psychiatry 2018; 53:125-130.
263. Ajdacic-Gross V, Bechtiger L, Rodgers S, Müller M, Kawohl W, **von Känel R**, Mütsch M, Rössler W, Seifritz E, Castelao E, Strippoli MF, Vandeleur C, Preisig M, Howell P. Subtypes of stuttering determined by latent class analysis in two Swiss epidemiological surveys. PLoS One 2018; 13:e0198450.
264. Princip M, Gattlen C, Meister-Langraf RE, Schnyder U, Znoj H, Barth J, Schmid JP, **von Känel R**. The role of illness perception and its association with posttraumatic stress at 3 months following acute myocardial infarction. Front Psychol 2018; 9:941.
265. Gebreab SZ, Vandeleur CL, Rudaz D, Strippoli MF, Gholam-Rezaee M, Castelao E, Lasserre AM, Glaus J, Pistis G, Kuehner C, **von Känel R**, Marques-Vidal P, Vollenweider P, Preisig M. Psychosocial stress over the lifespan, psychological factors, and cardio-metabolic risk in the community. Psychosom Med 2018; 80:628-639.
266. Beis D, **von Känel R**, Heimgartner N, Zuccarella-Hackl C, Bürkle A, Ehlert U, Wirtz PH. The role of norepinephrine and  $\alpha$ -adrenergic receptors in acute stress-induced changes in granulocytes and monocytes. Psychosom Med 2018; 80:649-658.
267. Weilenmann S, Schnyder U, Parkinson B, Corda C, **von Känel R**, Pfaltz MC. Emotion transfer, emotion regulation, and empathy-related processes in physician-patient interactions and their association with physician well-being: a theoretical model. Front Psychiatry 2018; 9:389.
268. **von Känel R**, Princip M, Schmid JP, Barth J, Znoj H, Schnyder U, Meister-Langraf RE. Association of sleep problems with neuroendocrine hormones and coagulation factors in patients with acute myocardial infarction. BMC Cardiovasc Disord 2018; 18:213.
269. Thurston RC, Chang Y, Matthews KA, **von Känel R**, Koenen K. Association of sexual harassment and sexual assault with midlife women's mental and physical health. JAMA Intern Med 2019; 179:48-53.

270. **von Känel R**, Heimgartner N, Stutz M, Zuccarella-Hackl C, Hänsel A, Ehlert U, Wirtz PH. Prothrombotic response to norepinephrine infusion, mimicking norepinephrine stress reactivity effects, is partly mediated by  $\alpha$ -adrenergic mechanisms. Psychoneuroendocrinology 2018 [Epub ahead of print].
271. Wentzel A, Malan L, Smith W, **von Känel R**, Malan NT. Retinal vasculature reactivity during flicker light provocation, cardiac stress and stroke risk in Africans: The SABPA study. Transl Stroke Res 2018 [Epub ahead of print].
272. Jansen van Vuren E, Malan L, **von Känel R**, Magnusson M, Lammertyn L, Malan NT. Prospective associations between cardiac stress, glucose dysregulation and executive cognitive function in Black men: The Sympathetic activity and Ambulatory Blood Pressure in Africans study. Diab Vasc Dis Res [Epub ahead of print].
273. Vara-García C, Romero-Moreno R, Márquez-González M, Mausbach BT, **von Känel R**, Gallego-Alberto L, Olmos R, Losada A. Stress and blood pressure in dementia caregivers: the moderator role of mindfulness. Clin Gerontol 2018 [Epub ahead of print].
274. Schwarzkopf K, Straus D, Porschke D, Znoj H, **von Känel R**. Is it all about depression? Determinants of burnout among employees referred for in-patient treatment of job-related stress disorders. Z Psychosom Med Psychother [accepted for publication].
275. Jansen van Vuren E, Malan L, **von Känel R**, Lammertyn L, Malan NT. Longitudinal changes of cardiac troponin and inflammation reflect progressive myocyte stretch and likelihood for hypertension in a Black male cohort: The SABPA study. Hypertens Res [accepted for publication].
276. **von Känel R**, Mausbach BT, Dimsdale JE, Ziegler MG, Mills PJ, Allison MA, Patterson TL, Ancoli-Israel S, Grant I. Refining caregiver vulnerability for clinical practice: Determinants of self-rated health in spousal dementia caregivers. BMC Geriatrics [accepted for publication].

### Übersichtsarbeiten (peer reviewed)

1. **von Känel R**, Dimsdale JE. Effects of sympathetic activation by adrenergic infusions on hemostasis in vivo. Eur J Haematol 2000; 65:357-369.
2. **von Känel R**, Mills PJ, Fainman C, Dimsdale JE. Effects of psychological stress and psychiatric disorders on blood coagulation and fibrinolysis: a biobehavioral pathway to coronary artery disease? Psychosom Med 2001; 63:531-544.
3. **von Känel R**, Gander ML, Egle UT, Buddeberg C. Differenzielle Diagnostik chronischer Schmerzsyndrome am Bewegungsapparat – Diagnose nach der ICD-10 [Differential diagnosis of chronic pain syndromes of the musculoskeletal system – coding according to ICD-10]. Praxis (Bern 1994) 2002; 91:541-547.
4. **von Känel R**, Gander ML, Spiess S, Buddeberg C. Differenzielle Therapie chronischer Schmerzsyndrome am Bewegungsapparat in der ärztlichen Grundversorgung [Differential therapy of chronic pain syndromes of the musculoskeletal system in primary health care]. Praxis (Bern 1994) 2002; 91:548-556.

5. **von Känel R.** Arterien zwischen Psyche und Gesellschaft: Der Beitrag psychosozialer Faktoren zur koronaren Herzkrankheit [Coronary arteries between the psyche and society: The contribution of psychosocial factors to coronary artery disease]. Med Hyg 2002; 60:S62-S64.
6. **von Känel R,** Dimsdale JE. Fibrin D-dimer: A marker of psychosocial distress and its implications for research in stress-related coronary artery disease. Clin Cardiol 2003; 26:164-168.
7. **von Känel R.** Veränderungen der Blutgerinnung bei Stress und Depression – von der Evolution zur Genregulation. [Coagulation abnormalities in stress and depression – from evolution to gene regulation]. Ther Umsch 2003; 60:31-37.
8. **von Känel R,** Dimsdale JE. Hemostatic alterations in patients with obstructive sleep apnea and the implications for cardiovascular disease. Chest 2003; 124:1956-1967.
9. Preckel D, **von Känel R.** Regulation of hemostasis by the sympathetic nervous system: Any contribution to coronary artery disease? Heartdrug 2004; 4:123-130.
10. **von Känel R.** Platelet hyperactivity in clinical depression and the beneficial effect of antidepressant drug treatment: How strong is the evidence? Acta Psychiatr Scand 2004; 110: 163-177.
11. **von Känel R.** Psychosomatische Medizin in der Grundversorgung. [Psychosomatic medicine in primary care]. Praxis (Bern 1994) 2006; 95:311-320.
12. Gander ML, **von Känel R.** Myocardial infarction and posttraumatic stress disorder: frequency, outcome, and atherosclerotic mechanisms Eur J Cardiovasc Prev Rehabil 2006; 13:165-172.
13. **von Känel R.** Das Burnout-Syndrom: Eine medizinische Perspektive. [The burnout syndrome: a medical perspective]. Praxis (Bern 1994) 2008; 97:477-487.
14. Egloff N, Egle UT, **von Känel R.** Weder Descartes noch Freud? Aktuelle Schmerzmodelle in der Psychosomatik. [Neither Descartes nor Freud? current pain models in psychosomatic medicine]. Praxis (Bern 1994) 2008; 97:549-557.
15. Hänsel A, **von Känel R.** The ventro-medial prefrontal cortex: A major link between the autonomic nervous system, regulation of emotion, and stress reactivity? Biopsychosoc Med 2008; 2:21.
16. Egloff N, Egle UT, **von Känel R.** Therapie zentralisierter Schmerzstörungen. [Therapy of disorders with central pain sensitization]. Praxis (Bern 1994) 2009; 98:271-283.
17. Cámara RJ, Ziegler R, Begré S, Schoepfer AM, **von Känel R;** Swiss Inflammatory Bowel Disease Cohort (SIBDCS) group. The role of psychological stress in inflammatory bowel disease: quality assessment of methods of 18 prospective studies and suggestions for future research. Digestion 2009; 80:129-139.
18. Cámara RJ, Begré S, **von Känel R.** Der Effekt stressreduzierender Interventionen auf chronisch entzündliche Darmerkrankungen: Qualitätskontrolle von zehn therapeutischen Studien. [The effect of stress-relieving interventions on inflammatory bowel disease: Quality assessment of 10 therapeutic studies]. Z Psychosom Med Psychother 2010; 56:116-135.



19. Egloff N, Beer C, Gschossmann JM, Sendensky AH, **von Känel R**. Pathogenese der funktionellen Erkrankungen des Verdauungstrakts aus interdisziplinärer Sicht. [Pathogenesis of functional gastrointestinal disorders – an interdisciplinary perspective]. Praxis (Bern 1994) 2010; 99:419-427.
20. Egloff N, Beer C, Gschossmann JM, Sendensky AH, **von Känel R**. Multimodale Therapie funktioneller Darmerkrankungen. [Multimodal therapy of functional gastrointestinal disorders]. Praxis (Bern 1994) 2010; 99:487-493.
21. Hänsel A, Hong S, Cámara RJ, **von Känel R**. Inflammation as a psychophysiological biomarker in chronic psychosocial stress. Neurosci Biobehav Rev 2010; 35:115-121.
22. Austin AW, Patterson SM, **von Känel R**. Hemoconcentration and hemostasis during acute stress: interacting and independent effects. Ann Behav Med 2011; 42:153-173.
23. Egloff N, Maecker F, Landmann G, **von Känel R**. Nichtdermatomgebundene somatosensorische Defizite bei chronischen Schmerzpatienten. [Nondermatomal somatosensory deficits in chronic pain patients]. Schmerz 2011; 25:632-642.
24. Egloff N, Hirschi A, **von Känel R**. Schmerzstörungen bei Traumatisierten - Neurophysiologie und klinische Phänomenologie. [Pain disorders in traumatized individuals - neurophysiology and clinical presentation]. Praxis (Bern 1994) 2012; 101:87-97.
25. **von Känel R**. Psychosocial stress and cardiovascular risk – current opinion. Swiss Med Wkly 2012; 142:w13502.
26. Hänsel A, **von Känel R**. Psychosomatik und arterielle Hypertonie: Love it or leave it? [Psychosomatic medicine and arterial hypertension – love it or leave it?]. Ther Umsch 2012; 69:315-323.
27. Hänsel A, **von Känel R**. Opiattherapie bei chronischen, nicht-tumorbedingten Schmerzserkrankungen: sinnvoll oder unsinnig? Schweiz Med Forum 2012; 12:744-749.
28. Mikocka-Walus A, Andrews JM, **von Känel R**, Moser G. What are the implications of changing treatment delivery models for inflammatory bowel disease (IBD) sufferers: A discussion paper. Eur J Gastroenterol Hepatol 2013; 25:393-398.
29. Meister R, Princip M, Schmid JP, Schnyder U, Barth J, Znoj HJ, Herbert C, **von Känel R**. Myocardial Infarction – Stress PREvention INTervention (MI-SPRINT) to reduce the incidence of posttraumatic stress after acute myocardial infarction through trauma-focused psychological counseling: study protocol for a randomized controlled trial. Trials 2013; 14:329.
30. Austin AW, Wissmann T, **von Känel R**. Stress and hemostasis: an update. Semin Thromb Hemost 2013; 39:902-912.
31. Egloff N, Hirschi A, **von Känel R**. Traumatization and chronic pain: a further model of interaction. J Pain Res 2013; 6:765-670.

32. **von Känel R.** Neues aus der Psychokardiologie: Depression und koronare Herzkrankheit. [A psychocardiology update on depression and coronary heart disease]. Praxis (Bern 1994) 2014; 103:1-9.
33. **von Känel R.** Acute mental stress and hemostasis: when physiology becomes vascular harm. Thromb Res 2015; 135(Suppl. 1):S52-S55.
34. Pogosova N, Saner H, Pedersen SS, Cupples ME, McGee H, Höfer S, Doyle F, Schmid JP, **von Känel R.** Psychosocial aspects in cardiac rehabilitation: from theory to practice. A position paper from the Cardiac Rehabilitation Section of the European Association of Prevention and Rehabilitation of the European Society of Cardiology. Eur J Prev Cardiol 2015; 10:1290-1306.
35. Pogosova N, Saner H, Pedersen SS, Cupples ME, Mc Gee H, Hofer S, Doyle F, Schmid J, **von Känel R.** On behalf of the cardiac rehabilitation section of the European Association of Cardiovascular Prevention and Rehabilitation of the European Society of Cardiology. Psychosocial Aspects in Cardiac Rehabilitation: From Theory to Practice. A Position Paper From the Cardiac Rehabilitation Section of The European Association of Cardiovascular Prevention and Rehabilitation of the European Society of Cardiology. Kardiologija 2015; 55:96-108.
36. Lindqvist PG, **von Känel R.** How to avoid venous thromboembolism in women at increased risk - with a special focus on low risk periods. Thromb Res; 2015; 136:513-518.
37. **von Känel R.** Was der Klinikarzt vom Burnout-Syndrom wissen sollte. Von der gezielten Fragestellung bis zur Übermittlung der Verdachtsdiagnose. [What the hospitalist needs to know about job burnout - From targeted question to transmission of the suspected diagnosis]. Klinikarzt 2016; 45:26-32.
38. **von Känel R,** Georgi A, Egli D, Ackermann D. Die somatische Belastungsstörung: Stress durch Körpersymptome. Prim Hosp Care 2016; 16:192-195.
39. Egle UT, Egloff N, **von Känel R.** Stressinduzierte Hyperalgesie (SIH) als Folge von emotionaler Deprivation und psychischer Traumatisierung in der Kindheit. Konsequenzen für die Schmerztherapie. [Stress-induced hyperalgesia (SIH) as a consequence of emotional deprivation and psychosocial traumatization in childhood. Implications for the treatment of chronic pain]. Schmerz 2016; 30:526-536.
40. **von Känel R.** Evidenzbasierte Psychokardiologie – oder was vom Typ-A-Verhalten übrigblieb. [Evidence-based psychocardiology – what remained of the Type A behavior pattern]. Praxis (Bern 1994) 2016; 105:1483-1491.
41. **von Känel R.** Burnout und Resilienz bei Ärztinnen und Ärzten. Prim Hosp Care 2017; 17:51-56.
42. Edmondson D, **von Känel R.** Post-traumatic stress disorder and cardiovascular disease. Lancet Psychiatry 2017; 4:320-329.
43. Pedersen SS, **von Känel R,** Tully PJ, Denollet J. Psychosocial perspectives in cardiovascular disease. Eur J Prev Cardiol 2017; 24(3\_suppl):108-115.
44. Wirtz PH, **von Känel R.** Psychological stress, inflammation, and coronary heart disease. Curr Cardiol Rep 2017; 19:111.

45. Schwarzkopf K, **von Känel R**. Burnout-Multidimensionalität in der Körperzentrierten Psychotherapie. Psychotherapie-Wissenschaft 2017; 7:63-70.
46. **von Känel R**, Zwahlen D, Hunziker Schütz S, Schaefert R. Psychosomatische Forschung in der Schweiz und Implikationen für die Versorgung. Prim Hosp Care 2018; 18:399-403.
47. Pittet V, Michetti P, Mueller C, Braegger C, **von Känel R**, Schoepfer A, MacPherson A, Rogler G; on behalf of the Swiss IBD Cohort Study Group. Cohort profile update: The Swiss Inflammatory Bowel Disease Cohort Study (SIBDCS). Int J Epidemiol [accepted for publication].
48. Fouradoulas M, Schmid JP, **von Känel R**. Herzfrequenzvariabilität – Stand der Forschung und klinische Anwendbarkeit. Praxis (Bern 1994) [accepted for publication].

### **Editorials und Kommentare**

1. **von Känel R**, Begré S. Depression after myocardial infarction: unraveling the mystery of poor cardiovascular prognosis and role of beta-blocker therapy. (Editorial) J Am Coll Cardiol 2006; 48:2215-2217.
2. **von Känel R**. Accumulation of 30 minutes of moderately intense physical activity is a clinically meaningful treatment to reduce systolic blood pressure in prehypertension. (Commentary) J Hum Hypertens 2008; 22:444-446.
3. **von Känel R**. Psychological distress and cardiovascular risk: what are the links? (Editorial) J Am Coll Cardiol 2008; 52:2163-2165.
4. Egloff N, **von Känel R**. Kommentar zu Faustregel 7. „Stöhnen beim Blutdruck-Messen: Verdacht auf somatoforme Schmerzstörung.“ Praxis (Bern 1994) 2010; 99:26-28.
5. **von Känel R**. Fear of terror and inflammation ignite heart health decline. (Commentary) Proc Natl Acad Sci USA 2015; 112:1248-1249.
6. **von Känel R**. Fatigue endlich besser verstehen, diagnostizieren und therapieren. (Editorial) Praxis (Bern 1994) 2016; 105:1403.

### **Fallberichte**

1. **von Känel R**, Pirovino M. Milzinfarkt bei heterozygoter Sichelzellanlage (HbAS). [Splenic infarct in heterozygote sickle cell trait]. Schweiz Med Wochenschr 1998; 128:1614-1617.
2. Egloff N, Gander ML, Gerber S, **von Känel R**, Wiest R. Halbseitenstörung nach Unfall. [Chronic right-sided pain associated nondermatomal somatosensory deficit following an accident]. Praxis (Bern 1994) 2010; 99:797-801.
3. Carpenter K, **von Känel R**. Prolongierte Hypophosphatämie nach Eisensubstitution mit Eisencarboxymaltose (Ferinject®). Chefärztevereinigung der Schweizerischen Gesellschaft für Allgemeine Innere Medizin, Verein Komplikationenliste. Komplikationenbulletin 2016; 34:9-11.

- Schaffner J, **von Känel R**, Gessler K. Rezidivierende Synkopen in der Psychosomatik - tatsächlich psychogen? [Recurrent Syncope in Psychosomatics - Actually Psychogenic?]. Praxis (Bern 1994) 2017; 106:19-23.

### Letters

- Mikocka-Walus A, Andrews JM, **von Känel R**, Moser G. An improved model of care for inflammatory bowel disease (IBD). J Crohns Colitis 2013; 7:e120-e121.
- Austin AW, Wirtz PH, Patterson SM, Stutz M, **von Känel R**. Reply to letters from Fall and Bailey, and Muldoon. Psychosom Med 2013; 75:223-226.
- Austin AW, Patterson SM, **von Känel R**. Stress-hemoconcentration: plasma volume changes or splenic contraction? A Reply to Engan and Schagatay. Ann Behav Med 2015; 49:636-637.
- Egloff N, Cámara RJ, Merz C, Wegmann B, Stauber S, **von Känel R**. Response to: Comment on "Cost-saving early diagnosis of functional pain in nonmalignant pain: A noninferiority study on diagnostic accuracy". Pain Res Treat 2016; 2016:4657102.
- Stewart JA, Egloff N, **von Känel R**, Grolimund J, Studer M, grosse Holtforth M. Motivation for psychological treatment predicts favorable outcomes in multimodal interdisciplinary treatment for chronic somatoform pain. Psychother Psychosom 2017; 86:60-61.

### Bücher

- Ehlert U, **von Känel R**. (Hrsg.): Psychoendokrinologie und Psychoimmunologie. Springer: Berlin-Heidelberg, 2011.
- Egle UT, Heim CM, Strauß B, **von Känel R**. (Hrsg.): Psychosomatische Medizin 3.0. Neurobiologisch fundiert – Evidenz basiert. W. Kohlhammer: Stuttgart (Veröffentlichung 2019).

### Buchkapitel

- von Känel R**, Dimsdale JE, Patterson TL, Grant I. *Acute Psychological Stress Induces Enhanced Coagulability in Elderly with History of Cardiovascular Disease and Hypertension*. Research and Practice in Alzheimer's Disease. Paris: Serdi; 2002, Vol. 6, pp. 55-59.
- von Känel R**. *Psychophysiologie der Affekte und Emotionen*. In Buddeberg C (Hrsg.), Lehrbuch für Psychosoziale Medizin, 3. Auflage. Springer Verlag: 2004, pp. 452-457.
- von Känel R**. *Psychophysiologie der Blutgerinnung*. In Buddeberg C (Hrsg.), Lehrbuch für Psychosoziale Medizin, 3. Auflage. Springer Verlag: 2004, pp. 471-473.
- von Känel R**. *Schlaf*. In Buddeberg C (Hrsg.), Lehrbuch für Psychosoziale Medizin, 3. Auflage. Springer Verlag: 2004, pp. 484-491.

5. **von Känel R.** *Multimorbidität im Alter.* In Buddeberg C (Hrsg.), Lehrbuch für Psychosoziale Medizin, 3. Auflage. Springer Verlag: 2004, pp. 544-548.
6. **von Känel R.** *Hemostasis and Stress.* In: George Fink (Editor-in-Chief). Encyclopedia of Stress, Second Edition, Oxford: Elsevier Academic Press; 2007, volume 2, pp. 300-305.
7. Wirtz PH, **von Känel R.** *Bedeutung sozialer Stressoren in der Hämostase und für koronare Herzerkrankungen.* In: Wippert PM, Beckmann J (Eds). Stress- und Schmerzursachen verstehen. Gesundheitspsychologie und – soziologie in Prävention und Rehabilitation. Georg Thieme Verlag KG: Stuttgart; 2009, pp. 127-145.
8. Mills PJ, **von Känel R.** *Circulating Biomarkers of Inflammation, Adhesion, and Hemostasis in Behavioral Medicine.* In: Steptoe A (Ed.): Handbook of Behavioral Medicine. Methods and Applications. Springer New York, Dordrecht, Heidelberg, London; 2010, pp. 685-703.
9. **von Känel R.** *Normaler und gestörter Schlaf.* In: Ehlert U, von Känel R (Eds.): Psychoendokrinologie und Psychoimmunologie. Springer-Verlag: Berlin-Heidelberg; 2011, pp. 247-266.
10. **von Känel R.** *Kardiovaskuläre Krankheiten.* In: Ehlert U, von Känel R (Eds.): Psychoendokrinologie und Psychoimmunologie. Springer-Verlag: Berlin-Heidelberg; 2011, pp. 267-292.
11. Ehlert U, **von Känel R.** *Psychoendokrinologie und Psychoimmunologie - ein neues Forschungsfeld mit großem Ausblick.* In: Ehlert U, von Känel R (Eds.): Psychoendokrinologie und Psychoimmunologie. Springer-Verlag: Berlin-Heidelberg; 2011, pp. 385-388.
12. **von Känel R,** Gander Ferrari ML. *Posttraumatic Stress Disorder: Emerging Risk Factor and Mechanisms.* In: Hjemdahl P, Rosengren A, Steptoe A (Eds.): Stress and Cardiovascular Disease. Springer: London; 2012, pp. 235-256.
13. Hjemdahl P, **von Känel R.** *Haemostatic Effects of Stress.* In: Hjemdahl P, Rosengren A, Steptoe A (Eds.): Stress and Cardiovascular Disease. Springer: London; 2012, pp. 89-110.
14. Cho E-YN, **von Känel R.** *Job Stress and Overcommitment in Cardiac Patients.* In: Dornelas E (Ed.): Behavioral Approches for Cardiac Patients. Springer: New York; 2012, pp. 249-279.
15. Begré S, **von Känel R.** *Chronisches Müdigkeitssyndrom (Chronic Fatigue Syndrome).* In Brähler E, Hoefert HW (Hrsg.): Lexikon der Modernen Krankheiten – Phänomene, Gefahren, Irrtümer. Berlin: Medizinisch Wissenschaftliche Verlagsgesellschaft; 2015, pp. 98-103.
16. Wagner EY-N, **von Känel R.** *Chronisches Schmerzsyndrom des Beckens (Chronic Pelvic Pain Syndrome, CPPS).* In Brähler E, Hoefert HW (Hrsg.): Lexikon der Modernen Krankheiten – Phänomene, Gefahren, Irrtümer. Berlin: Medizinisch Wissenschaftliche Verlagsgesellschaft; 2015, pp. 108-113.
17. **von Känel R.** *Stressbedingte Krankheiten und deren körperliche Symptome.* In Becker P.(Hrsg.): Executive Health - Gesundheit als Führungsaufgabe. Springer Gabler: Wiesbaden, 2015, pp. 57-78.
18. Malan NT, **von Känel R,** Smith W, Lambert GW, Vilser W, Eikelis N, Reimann M, Malan L. *A challenged sympathetic system is associated with retinal vascular calibre in a black male cohort: The SABPA Study.* In

- Lenasi H (Ed.): *Microcirculation Revisited - From Molecules to Clinical Practice*. InTech. Janeza Trdine, Rijeka, Croatia. 2016, pp. 135-153.
19. Brouwers CJ, Wolf JM, **von Känel R**. *Inflammatory biomarkers in PTSD*. In: Martin CR, Preedy VR, Patel VB (Eds.): *Comprehensive Guide to Post-Traumatic Stress Disorder*. 1<sup>st</sup> ed. Springer 2016, pp. 979-993.
  20. **von Känel R**. *Angst und affektive Störungen*. In Battegay E. (Hrsg.): *Differenzialdiagnose Innerer Krankheiten*. 21., vollständig überarbeitete und erweiterte Auflage. Stuttgart: Thieme 2017; pp. 940-958.
  21. **von Känel R**, Bacon SL. *Hemostasis and Endothelial Function*. In: Waldstein SR, Kop WJ & Katzel LI (Eds.): *Cardiovascular Behavioral Medicine*. Springer: New York [in press].
  22. Pedersen SS, Smolderen K, Kupper N, Doyle F, Burg M, Albus C, Denollet J, **von Känel R**. *Psychological factors and heart disease*. The European Society of Cardiology Textbook of Cardiovascular Medicine. Third Edition. Oxford University Press [in press].
  23. **von Känel R**. *Psychobiologische Mechanismen und Risikofaktoren von kardiovaskulären Erkrankungen*. In Egle U, Heim C, Strauss B, von Känel R. (Hrsg.): *Psychosomatische Medizin 3.0. Neurobiologisch fundiert - Evidenz basiert*. Stuttgart: W. Kohlhammer [im Druck].
  24. **von Känel R**, Egle UT. *Burnout*. In Egle U, Heim C, Strauss B, von Känel R. (Hrsg.): *Psychosomatische Medizin 3.0. Neurobiologisch fundiert - Evidenz basiert*. Stuttgart: W. Kohlhammer [im Druck].
  25. Egle UT, Heim C, Strauss B, **von Känel R**. *Bio-Psycho-Soziales Krankheitsmodell revisited*. In Egle U, Heim C, Strauss B, von Känel R. (Hrsg.): *Psychosomatische Medizin 3.0. Neurobiologisch fundiert - Evidenz basiert*. Stuttgart: W. Kohlhammer [im Druck].
  26. Fiacco S, **von Känel R**, Koenig J, Hasler G. *Biomarker bei psychischen und psychosomatischen Erkrankungen*. In Egle U, Heim C, Strauss B, von Känel R. (Hrsg.): *Psychosomatische Medizin 3.0. Neurobiologisch fundiert - Evidenz basiert*. Stuttgart: W. Kohlhammer [im Druck].
  27. Herrmann-Lingen C, Köllner V, **von Känel R**. *Trauer und Belastung – von der Reaktion zur Störung*. In Herrmann-Lingen C, Albus C, Titscher G. (Hrsg.): *Psychokardiologie*. Berlin: Springer-Verlag GmbH [im Druck].

## Leitlinien

1. Egloff N, Schaefer R, Loeb P, Steiger B, **von Känel R**. Begutachtungsleitlinien Psychosomatische Medizin. Schweizerische Ärztezeitung 2018; 99:425-428.

## Weitere Publikationen (nicht peer reviewed)

2. **von Känel R**. "Wenn sich das Rad nicht mehr drehen will". Gedanken zum Laufsport aus biopsychosozialer Sicht. Laufbilanz – Offizielles Organ Senioren-Laufverein Schweiz 1997; 21(2):15-19.
3. **von Känel R**. Moderne Einteilung psychischer Erkrankungen. In: Mitteilungen der Lebensversicherer an die Schweizer Ärzteschaft. Psychische Krankheiten, 2002; 2:4-19.

4. **von Känel R.** Die Krankheit gemeinsam meistern. Einsamkeit macht Kranke depressiv. Herz und Kreislauf – Das Magazin für Gönnerinnen und Gönner der Schweizerischen Herzstiftung 2004; 4:10-12.
5. **von Känel R.** Umgang mit durch Stress am Arbeitsplatz verursachten Beschwerden in der hausärztlichen Praxis. Primary Care 2005; 16:373-375.
6. **von Känel R.** Psychosomatische Abklärung und Therapie idiopathischer Erschöpfungszustände und des Chronic Fatigue Syndroms. Ärztomagazin Insele 2005; 8 (Frühjahr):7-13.
7. Durrer B, Benz D, **von Känel R.** Entspannungstechnik via Radio. Insele 2006; 1:28-30.
8. **von Känel R.** 2007 Herbert Weiner Early Career Award. American Psychosomatic Society Newsletter, 2007; 18:4.
9. Begré S, **von Känel R.** Trotz unscharfer Definition ein reales Krankheitsbild. Erkennen Sie das Chronic Fatigue Syndrom. Hausarzt Praxis 2007; 5:21-24.
10. **von Känel R.** Chronische Müdigkeit. Was tun, wenn somatische Gründe fehlen? (Editorial) HAUSARZT PRAXIS 2007; 5:9-10.
11. **von Känel R.** Beschwerden durch Stress am Arbeitsplatz. Reflexe – Zeitschrift für Physikalische Therapie 2007; Juni:5-7.
12. Egloff N, **von Känel R.**, Gschossmann J, Sendensky A, Beer C. Wenn der Darm stört. Funktionelle Darmerkrankungen aus interdisziplinärer Sicht. Schweizerische Zeitschrift für Ernährungsmedizin 2008; 2:24-28.
13. Cámara RJ, Begré S, **von Känel R.** Bessert Stressreduktion chronisch entzündliche Darmerkrankungen? Schweizerische Morbus Crohn / Colitis ulcerosa Vereinigung. SMCCV Crohn Colitis Info 2010; Nr. 69, pp. 4-5.
14. Egloff N, Egle T, **von Känel R.** Therapie zentralisierter Schmerzstörungen. VSAO Journal 2010; 5:43-53.
15. Begré S, Cámara RJ, **von Känel R.** Entzündliche Darmerkrankung und Depression. Schweizerische Morbus Crohn / Colitis ulcerosa Vereinigung. SMCCV Crohn Colitis Info 2011; Nr. 72, pp. 27-28.
16. Marques-Vidal PM, Bochud M, Bastardot F, **von Känel R.**, Aubry JM, Gaspoz JM, Paccaud F, Urwyler A, Lüscher T, Hoch C, Waeber G, Preisig M, Vollenweider P. Assessing the associations between mental disorders, cardiovascular risk factors, and cardiovascular disease: the CoLaus/PsyCoLaus study. IUMSP (Institut universitaire de médecine sociale et préventive), Raisons de santé 182, 2011, pp. 1-28.
17. Begré S, **von Känel R.** Posttraumatischer Stress bei entzündlichen Darmerkrankungen. Der Bauchredner (Mitglieder-Journal der Deutschen Morbus Crohn/Colitis ulcerosa Vereinigung) 2012; 108(1):99-101.
18. Egloff N, **von Känel R.** Moderne Medizin vereint Körper und Psyche. Trends in der Spitzenmedizin. Forschung und Wissenschaft an der Universität Bern. UniPress 2012; 155:25-26.
19. Kokinogenis G, **von Känel R.** Chronische Schmerzen: Den Teufelskreis durchbrechen. Info Neurologie & Psychiatrie 2013; 11(3):6-8.
20. Minzer A, Ljutow A, Loeb P, Cedraschi C, Allaz AF, **von Känel R.**, Adler RH, Stiefel F, Buddeberg C, grosse Holtforth M, Kiss A, Langewitz W, Egloff N. Positionspapier der Schweizerischen Akademie für

Psychosomatische und Psychosoziale Medizin (SAPPM) und der Schweizerischen Gesellschaft zum Studium des Schmerzes (SGSS) zum BGE-Urteil 9C\_492/2014 betreffs somatoformer Schmerzkrankungen.

Öffentlicher Brief an das Schweizerische Bundesgericht und das Bundesamt für Sozialversicherungen, Bern.

Schweizerische Ärztezeitung 2016; 97:416-417.

21. Peyneshki I, **von Känel R**, Jenewein J. Der Herzinfarkt als Psychotrauma. HAUSARZT PRAXIS 2018; 13:31-35.
22. Schiebler SL, **von Känel R**. Diagnostik und Therapie bei Schlafstörungen. ÄP NeurologiePsychiatrie 2018; 5:22-27.