

Tätigkeitsbericht über die Seniorprofessur
,Psychosoziale Arbeitsbelastungsforschung‘
an der Medizinischen Fakultät der Heinrich-Heine-
Universität Düsseldorf

2017

Prof. Dr. Johannes Siegrist

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1. Wissenschaftliche Publikationen

1.1. Originalarbeiten, systematische Reviews und eingeladene Kommentare

1. Dragano N, **Siegrist J**, Nyberg SM et al. (2017) Effort-reward imbalance at work as a risk factor for incident coronary heart disease: a meta-analysis of individual participant data from 90.164 individuals. *Epidemiology* 28(4): 619-626
2. Falk A, Kosse F, Menrath I, Verde PE, **Siegrist J** (2017) Unfair pay and health *Management Science* Articles in Advance 1-12; ISSN 0025-1909
3. Fekete C, Tough H, Brinkhof M, **Siegrist J**. (2017) Work and family conflicts in employees with spinal cord injury and their caregiving partners. *Spinal Cord*. Doi:10.1038/sc.2017.100
4. Fekete C, Brinkhof MWG, Tough H, **Siegrist J** (2017) Longitudinal study of social participation and well-being among persons with spinal cord injury and their partners (pro-WELL). *BMJ Open* 7:e011597
5. Fekete C, Tough H, **Siegrist J**, Brinkhof MWG (2017) Health impact of objective burden, subjective burden and positive aspects of caregiving: an observational study among caregivers in Switzerland. *BMJ Open* doi: 10.1136/bmjopen-2017-017369
6. Herr RM, Li J, Loerbroks A, Angerer P, **Siegrist J**, Fischer JE. (2017) Effects and mediators of psychosocial work characteristics on somatic symptoms six years later: Prospective findings from the Mannheim Industrial Cohort studies (MICS). *Journal of Psychosomatic Research* 98: 27-33
7. Li, J., Riedel, N., Barrech, A., Herr, R. M., Aust, B., Mörtl, K., **Siegrist, J.**, Gündel, H., Angerer, P. (2017). Nine-Year Longitudinal Psychosocial and Mental Outcomes of a Stress Management Intervention at Work Using Psychotherapeutic Principles. *Psychotherapy and Psychosomatics*, 86(2), 113–115.
8. Li J, Loerbroks A, **Siegrist J**. (2017) Effort-reward imbalance at work, parental support, and suicidal ideation in adolescents: the special case of Chinese dual-earner families *Safety and Health at Work* 8: 77-83
9. Lunau, T., Dragano, N., **Siegrist, J.**, Wahrendorf, M. (2017). Country differences of psychosocial working conditions in Europe: the role of health and safety management practices. *International Archives of Occupational and Environmental Health*. Advance online publication. <https://doi.org/10.1007/s00420-017-1225-z>
10. Mutambudzi M, Meyer J, Li J, **Siegrist J** (2017) Associations between effort-reward imbalance and self-reported diabetes mellitus in older US workers. *Journal of Psychosomatic Research* (in press)

11. Riedel N, **Siegrist J**, Wege N, Loerbroks A, Angerer P, Li J (2017) Does effort and reward at work predict changes in cognitive function? First longitudinal results from the representative German Socio-economic Panel. *International Journal of Environmental Research and Public Health* 14: 1390
12. **Siegrist J**, Sies H. (2017) Disturbed redox homeostasis in oxidative distress: A molecular link from chronic psychosocial work stress to coronary heart disease? *Circulation Research* 121: 103-105
13. **Siegrist J**, Li J (2017) Work stress and altered biomarkers: A synthesis of findings based on the effort-reward imbalance model. *International Journal of Environmental Research and Public Health* 14: 1373
14. Tough H, Brinkhof MWG, **Siegrist J**, Fekete C (2017) Subjective caregiver burden and caregiver satisfaction: The role of partner relationship quality and reciprocity *Archives of Physical Medicine and Rehabilitation*
doi.org/10.1016/j.apmr.2017.02.009
15. Tough H, Fekete C, Brinkhof MWG, **Siegrist J**. (2017) Vitality and mental health in disability: Associations with social relationships in persons with spinal cord injury and their partners. *Disability and Health Journal* 10:294-302
16. Tough, H., **Siegrist, J.**, Fekete, C. (2017). Social relationships, mental health and wellbeing in physical disability: A systematic review. *BMC Public Health*, 17(1), 414. <https://doi.org/10.1186/s12889-017-4308-6>
17. Wege N, Li J, Muth T, Angerer P, **Siegrist J**. (2017) Student ERI: Psychometric properties of a new brief measure of effort-reward imbalance among university students. *Journal of Psychosomatic Research* 94: 64–67.

1.2. Buchkapitel

1. **Siegrist J** (2017) The Effort–Reward Imbalance Model In: Cooper, C. L., Quick J.C. (eds.) (2017). *The Handbook of Stress and Health: A Guide to Research and Practice*. Newark: John Wiley & Sons (pp.24-35)
2. **Siegrist J** (2017) Applying occupational health theories to educational stress and health: Evidence from the effort-reward imbalance model. In: McIntyre, Teresa Mendonça, McIntyre, Scott E., Francis, David J. (Eds.). (2017). *Educator stress: An occupational health perspective*, Springer International Publications. Cham (pp. 223-235)
3. **Siegrist J** (2017) Soziale Stressoren und stressbedingte Erkrankungen. In: Fuchs R, Gerber M (Eds.) *Handbuch Stressregulation und Sport*. Springer (S. 79-92).

4. **Siegrist J.** (2017) Arbeit, Gesundheit und Krankheit. In: Psychosomatische Medizin (Ed. by K. Köhle et al.) München: Urban & Fischer 2017, S. 251-261
5. **Siegrist J** (2017) Arbeitswelt und psychosomatische Krankheiten. In: Brähler, E., & Herzog, W. (Eds.). (2017). *Sozialpsychosomatik: Das vergessene Soziale in der Psychosomatischen Medizin* (1. Auflage). Stuttgart: Schattauer.

2. Arbeit in wissenschaftlichen Kommissionen und akademischen Gremien

2.1. International

International Panel on Social Progress IPSP (Princeton and Paris; 2015-2017)

Mitglied der Autorengruppe zum Kapitel "The Future of Work". Der gesamte Bericht erscheint mehrbändig im Laufe von 2018 bei Cambridge University Press.

OECD (Paris; 2015- 2017)

Mitglied der Advisory Group on Quality of Work Environment: Assessment Guidelines.

Publikation: OECD: OECD Guidelines on measuring the quality of the working environment. Paris 2017

European Research Council (Brüssel; seit 2013)

Mitglied des Evaluation Panel for Advanced European Research Grants

European Science Foundation (Strasbourg, 2016-2019)

Mitglied des College of Expert Reviews

CONSTANCES (Paris, seit 2015)

Mitglied des International Scientific Advisory Board

International Committee on Occupational Health (ICOH) (seit 2015)

Mitglied des Advisory Board der Section on Cardiovascular Diseases

2.2. National

Nationale Akademie der Wissenschaften Leopoldina:

Mitglied der Wissenschaftlichen Kommission ‚Demographischer Wandel‘ (seit 2012)

Heinrich-Heine-Universität Düsseldorf

Mitglied des Hochschulrats (bis 12/ 2017)

3. Eingeladene wissenschaftliche Vorträge (international)

Université Aix-Marseille: Colloque 24.03.2017:

Modèles théoriques du stress au travail: A quoi bon? Le modèle effort-récompense

7th ICOH Work environment and cardiovascular diseases Conference, Varese

04.05.2017

Keynote: Work stress and health in the context of economic globalization and crisis: Evidence and implications for cardiovascular disease

15th European Congress of Psychology, Amsterdam, 13.07.2017

Keynote: Work stress and health in a globalized economy-The contribution of situational and personal factors

6th ICOH Work organization and psychosocial factors Conference, Mexico City,

30.08.2017

Keynote: Unjust exchange at work and health-challenges in a globalized economy

Università degli Studi Milano: Workshop on Occupational Medicine, 13.10. 2017

Stress al lavoro e salute

Colloque CONSTANCES, Inserm Université de Paris, 10.11. 2017

Critical employment histories, work stress and health functioning (mit Hanno Hoven und Morten Wahrendorf)