Radboud Institute for Health Sciences

Judith Prins, director a.i.
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Science for care, care for science
COVID research

Total of 64 studies in Radboud University Medical Centre

36 studies in RIHS
- Medical oncology, Pharmacy, Pulmonology, Surgery, Cardiology, Hematology, Medical Microbiology, Intensive Care, Radiology
- IQ healthcare, Health Evidence, Primary Care, Fysiology

https://youtu.be/bJKloYxsxZI
Working at home, less exercise

- n=4000 participants of 4-day marches and running event cohort (N=22,000)
- online questionnaires
- 3 groups: working at home, work unchanged, no work
- All had less exercise, largest decrease in working at home (20%)
- 25% working at home, sleep more
- Follow-up of this sample in the next months
Residents behavior in nursing homes

- Online survey via LinkedIn, April
- 284 health professionals
  - 66% psychologists, 22% physicians

Problematic behavior
- Both increase and decrease
- 53% large change in behavior type

Follow-up research
- In-depth interviews
- Online survey
New COVID-19 research in bladder cancer

*Trained immunity:* BCG vaccine induces the memory of immune system and thereby protection against unrelated pathogenes and tumor cells

COVID-19 study Netea et al.: Does BCG vaccination lower the risk on (serious course of) COVID-19?

New COVID-19 study in bladder cancer: Does BCG bladderwash lower the risk on (serious course of) respiratory infections / COVID-19?
Impact of sex and gender on COVID-19

• European Commission’s H2020 Expert Group

• Aim: sex differences in immune responses, dosing and sex-specific side effects of vaccines and therapeutics, gender-specific risk factors (e.g. for healthcare workers and caregivers), gender-sensitive prevention campaigns, as well as the gender-specific socioeconomic burden of public safety measures

prof. Sabine Oertelt-Prigione
Face shields: development, testing, implementation and dissemination

https://youtu.be/IBtuQSoeK34
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