

Radboud Institute for Health Sciences

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

Institute for Health Sciences
Radboudumc

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



The screenshot shows a news article from Radboudumc. The header includes the Radboudumc logo and navigation links for 'Patiëntenzorg', 'Research', 'Onderwijs', and 'Intranet'. The main headline is '6 miljoen euro voor internationaal BCG-onderzoek bij 10.000 zorgmedewerkers'. Below the headline is a sub-headline: 'Nieuws > 6 miljoen euro voor internationaal BCG onderzoek bij 10000 zorgmedewerkers'. The article is dated '4 mei 2020'. The text describes a research project in Australia and the Netherlands, funded by a 6 million euro subsidy from the Bill & Melinda Gates Foundation. It mentions that 4000 healthcare workers at 13 locations are participating. An image of red and white virus particles is shown on the right side of the text. The article also mentions that two studies were started in the Netherlands to investigate the protective effect of the BCG vaccine against the coronavirus.

<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



prof. Maria Hopman

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

Probleemgedrag bij verpleeghuisbewoners en COVID-19 maatregelen

Voorlopige resultaten landelijke enquête

Prof. dr. Debby Gerritsen, dr. Roeslan Leontjevas, dr. Christian Bakker, prof. dr. Raymond Koopmans – Radboudumc
Dr. Martin Smalbrugge, dr. Saskia Teunisse - AmsterdamUMC

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prof. Debbie
Gerritsen

New COVID-19 research in bladder cancer

Trained immunity: BCG vaccine induces the memory of immune system and thereby protection against unrelated pathogens 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?



dr. Sita Vermeulen

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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