



Publicaties SOR-periode 2011-2014

Bijlage bij RIVM rapport 2015-0103 'Evaluatie Strategisch Onderzoek RIVM 2011-2014'

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Speerpunten

- Benutten van technologische ontwikkelingen voor gezondheid en milieu (ANT, Application of New Technologies)
- De kloof overbruggen: van weten naar doen (FKA, Filling the gap: from Knowledge to Action)
- Gezond ouder worden (HEA, Healthy Ageing)
- Een gezonde en duurzame leefomgeving (HSL, Healthy and Sustainable Living environments)
- Dynamiek van infectieziekten (IDD, Infectious Disease Dynamics)
- Nieuwe dimensies in geïntegreerde risicobeoordeling voor volksgezondheid en milieu (IRA, New dimensions on Integrated (Risk) Assessments in public health and environment)
- Kennisontwikkeling voor effectieve vaccins nu en in de toekomst (SVR, Strategic Vaccine Research)

Deze lijst bevat de publicaties in internationale peer reviewed tijdschriften.

✓: *eerste en/of tweede en/of laatste auteur is RIVM-medewerker*
auteur vetgedrukt: RIVM-medewerker

Speerpunt Benutten van technologische ontwikkelingen voor gezondheid en milieu (ANT)

ANT, S/210136, Using pathogens sequence databases to interpret Outbreaks and monitoring the NVP

- ✓ **1. Ypma RJF, Donker T, Ballegooijen WM van, Wallinga J**
Finding evidence for local transmission of contagious disease in molecular epidemiological datasets
PLoS One 2013; 8(7):e69875 (IF 3.730)

ANT, S/340004, Application of proteomics-based screening assays

- ✓ **2. Pennings JLA, Rodenburg W, Imholz S, Koster MPH, Oostrom CTM van, Breit TM, Schielen PCJI, Vries A de**
Gene expression profiling in a mouse model identifies fetal liver- and placenta-derived potential biomarkers for down syndrome screening
PLoS One 2011; 6(4):e18866 (IF 4.411)

- ✓ **3. Kuc S, Wortelboer EJ, Rijn BB van, Franx A, Visser GH, Schielen PC**

Evaluation of 7 serum biomarkers and uterine artery Doppler ultrasound for first-trimester prediction of preeclampsia: a systematic review
Obstet Gynecol Surv 2011; 66(4):225-39 (IF 2.167)

- ✓ **4. Pennings JLA, Kuc S, Rodenburg W, Koster MPH, Schielen PCJI, Vries A de**
Integrative data mining to identify novel candidate serum biomarkers for pre-eclampsia screening
Prenatal Diag 2011; 31(12):1153-9 (IF 2.152)
- ✓ **5. Rodenburg W, Reimerink JH, Imholz S, Godeke GJ, Pennings JL, Schielen PC, Koster MPH, Vries A de**
Quantitative performance of antibody array technology in a prenatal screening setting
Clin Chem Lab Med 2012; 50(2):325-32 (IF 2.069)
- ✓ **6. Koopmans M, Bruin E de, Godeke G-J, Friesema I, Gageldonk R van, Schipper M, Meijer A, Binnendijk R van, Rimmelzwaan G, Jong MD de, Buisman A, Beek J van, Vijver D van de, Reimerink JH**
Profiling of humoral immune responses to influenza viruses by using protein microarray
Clin Microbiol Infec 2012; 18(8):797-807 (IF 4.784)
- ✓ **7. Opstal-van Winden AWJ, Rodenburg W, Pennings JLA, Oostrom CTM van, Beijnen JH, Peeters PHM, Gils CH van, Vries A de**
A Bead-based Multiplexed Immunoassay to Evaluate Breast Cancer Biomarkers for Early Detection in Pre-Diagnostic Serum
Int J Mol Sci 2012; 13(10):13587-604 (IF 2.598)
- ✓ **8. Jahfari S, Fonville M, Hengeveld P, Reusken C, Scholte EJ, Takken W, Heyman P, Medlock J, Heylen D, Kleve J, Sprong H**
Prevalence of Neoehrlichia mikurensis in ticks and rodents from North-west Europe
Parasit Vectors 2012; 5(1):74 (IF 2.937)
- ✓ **9. Cleton N, Koopmans M, Reimerink J, Godeke GJ, Reusken C**
Come fly with me: review of clinically important arboviruses for global travelers
J Clin Virol 2012; 55(3):191-203 (IF 3.969)
- ✓ **10. Siljee JE, Wortelboer EJ, Koster MPH, Imholz S, Rodenburg W, Visser GH, Vries A de, Schielen PCJI, Pennings JLA**
Identification of interleukin-1 beta, but no other inflammatory proteins, as an early-onset pre-eclampsia biomarker in first trimester serum by bead-based multiplexed immunoassays
Prenat Diagn 2013; 33(12):1183-8 (IF 2.683)
- ✓ **11. Reusken C, Mou H, Godeke GJ, Hoek L van der, Meyer B, Müller MA, Haagmans B, Sousa R de, Schuurman N, Dittmer U, Rottier P, Osterhaus A, Drosten C, Bosch BJ, Koopmans M**

Specific serology for emerging human coronaviruses by protein microarray
Euro Surveill 2013; 18(14):20441 (IF 5.491)

- ✓ **12. Reusken C**, Haagmans BL, Müller MA, Gutierrez C, **Godeke GJ**, Meyer B, Muth D, Raj VS, Smits- Vries L de, Corman VM, Drexler JF, Smits SL, El Tahir YE, Sousa R de, **Beek J van**, Nowotny N, Maanen K van, Hidalgo-Hermoso E, Bosch BJ, Rottier P, Osterhaus A, Gortázar-Schmidt C, Drosten C, **Koopmans MPG**
Middle East respiratory syndrome coronavirus neutralising serum antibodies in dromedary camels: a comparative serological study
Lancet Infect Dis 2013; 13(10):859-66 (IF 19.966)

- 13.** Hovius JW, Wever B de, Sohne M, Brouwer MC, Coumou J, Wagemakers A, Oei A, Knol H, Narasimhan S, Hodiament CJ, **Jahfari S**, Pals ST, Horlings HM, Fikrig E, **Sprong H**, van Oers MH
A case of meningoencephalitis by the relapsing fever spirochaete *Borrelia miyamotoi* in Europe
Lancet 2013; 382(9892):658 (IF 39.060)

- ✓ **14. Pennings JL, Siljee JE, Imholz S, Kuc S, Vries A de, Schielen PC, Rodenburg W** Comparison of different blood collection, sample matrix, and immunoassay methods in a prenatal screening setting
Dis Markers 2014; 2014:509821 (IF 2.174)

- 15.** Kuc S, Koster MP, **Pennings JL**, Hankemeier T, Berger R, Harms AC, Dane AD, **Schielen PC**, Visser GH, Vreeken RJ
Metabolomics profiling for identification of novel potential markers in early prediction of preeclampsia
PLoS One 2014; 9(5):e98540 (IF 3.534)

- ✓ **16. Jahfari S, Herremans T**, Platonov AE, Kuiper H, Karan LS, Vasilieva O, **Koopmans MP**, Hovius JW, **Sprong H**
High seroprevalence of *Borrelia miyamotoi* antibodies in forestry workers and individuals suspected of human granulocytic anaplasmosis in the Netherlands
New Microbes New Infect 2014; 2(5):144-9 (IF 5.197)

- ✓ **17. Jahfari S, Coipan EC, Fonville M, Docters Leeuwen A van, Hengeveld P**, Heylen D, Heyman P, Maanen C van, Butler CM, Földvári G, Szekeres S, Duijvendijk G van, Tack W, Rijks JM, **Giessen J van der**, Takken W, Wieren SE van, **Takumi K, Sprong H**
Circulation of four *Anaplasma phagocytophilum* ecotypes in Europe
Parasit Vectors 2014; 7:365 (IF 3.251)

- ✓ **18.** Reusken CB, Farag EA, **Jonges M, Godeke GJ**, El-Sayed AM, Pas SD, Raj VS, Mohran KA, Moussa HA, Ghobashy H, Alhajri F, Ibrahim AK, Bosch BJ, Pasha SK, Al-Romaihi HE, Al-Thani M, Al-Marri SA, AlHajri MM, Haagmans BL, **Koopmans MP**
Middle East respiratory syndrome coronavirus (MERS-CoV) RNA and neutralising antibodies in milk collected according to local customs from dromedary camels, Qatar, April 2014

Euro Surveill 2014; 19(23) (IF 4.659)

19. Meyer B, Müller MA, Corman VM, **Reusken CB**, Ritz D, **Godeke GJ**, Lattwein E, Kallies S, Siemens A, van Beek J, Drexler JF, Muth D, Bosch BJ, Wernery U, **Koopmans MP**, Wernery R, Drosten C
Antibodies against MERS coronavirus in dromedary camels, United Arab Emirates, 2003 and 2013

Emerg Infect Dis 2014; 20(4):552-9 (IF 7.327)

- ✓ **20. Freidl GS, Bruin E de, Beek J van, Reimerink J, Wit S de, Koch G, Vervelde L, Ham HJ van den, Koopmans MP**

Getting more out of less--a quantitative serological screening tool for simultaneous detection of multiple influenza A hemagglutinin-types in chickens

PLoS One 2014; 9(9):e108043 (IF 3.534)

- ✓ **21. Guedj F, Pennings JL, Wick HC, Bianchi DW**
Analysis of Adult Cerebral Cortex and Hippocampus Transcriptomes Reveals Unique Molecular Changes in the Ts1Cje Mouse Model of Down Syndrome
Brain Pathol 2015; 25(1):11-23 (IF 4.354)

- ✓ **22. Hansford KM, Fonville M, Jahfari S, Sprong H, Medlock JM**
Borrelia miyamotoi in host-seeking Ixodes ricinus ticks in England
Epidemiol Infect 2015; 143(5):1079-87 (IF 2.491)

ANT, S/680020, Monitoring Networks of the future (MONET)

23. Muñoz O, Moreno F, Guirado D, Dabrowska DD, **Volten H**, Hovenier JW
The Amsterdam–Granada Light Scattering Database
J Quant Spectrosc Ra 2012; 113(7):565-74 (IF 3.193)

- ✓ **24. Volten H, Bergwerff JB, Haaima M, Lolkema DE, Berkhout AJC, Hoff GR van der, Potma CJM, Wichink Kruit RJ, Pul WAJ van, Swart DPJ**
Two instruments based on differential optical absorption spectroscopy (DOAS) to measure accurate ammonia concentrations in the atmosphere
Atmos Meas Tech 2012; 5: 413-27 (IF 2.623)

25. Harten G van, Boer J de, Rietjens JHH, Di Noia A, Snik F, **Volten H**, Smit JM, Hasekamp OP, Keller CU
Atmospheric aerosol characterization with a ground-based SPEX instrument
Atmos Meas Tech 2014; 7: 4341-51 (IF 3.206)

26. Snik F, Rietjens JHH, Apituley A, **Volten H**, Mijling B, di Noia A, Heikamp S, Heinsbroek RC, Hasekamp OP, Smit JM, **Vonk J**, Stam DM, Harten G van, Boer J de, Keller CU, & 3187 citizen scientists
Mapping atmospheric aerosols with a citizen science network of smartphone spectropolarimeters
Geophys Res Lett 2014; 41(20): 7351-58 (IF 4.456)

Speerpunt De kloof overbruggen: van weten naar doen (FKA)

FKA, S/205006, ePublic health: fresh approaches to infectious disease control

- ✓ **27. Velsen L S van**, Gemert-Pijnen JEWIC van, **Beaujean D**, Wentzel J, **Steenbergen J van**
Should Health Organizations Use Web 2.0 Media in Times of an Infectious Disease Crisis? An In-depth Qualitative Study of Citizens Information Behavior During an EHEC Outbreak
J Med Internet Res 2012; 14(6): e181 (IF 4.409)
- ✓ **28. Velsen L van**, Wentzel J, Gemert-Pijnen JEWIC van
Designing eHealth that Matters via a Multidisciplinary Requirements Development Approach
JMIR Res Protoc 2013; 2(1):e21 (IF 3.768)
- ✓ **29. Velsen L van, Beaujean DJMA**, Gemert-Pijnen JEWIC van
Why mobile health app overload drives us crazy, and how to restore the sanity
BMC Med Inform Decis 2013; 13:23 (IF 1.603)
- ✓ **30. Velsen L van, Beaujean DJMA**, Wentzel J, **Steenbergen JE van**, Van Gemert-Pijnen JEWIC
Developing requirements for a mobile app to support citizens in dealing with ticks and tick bites via end-user profiling
Health Informatics J 2015; 21(1):24-35 (IF 0.830)
- ✓ **31. Beaujean DJMA, Velsen L van**, Gemert-Pijnen JEWIC van, Maat A, **Steenbergen JE van**, Crutzen R
Using Risk Group Profiles as a Lightweight Qualitative Approach for Intervention Development: An Example of Prevention of Tick Bites and Lyme Disease
JMIR Res Protoc 2013; 2(2):e45 (IF 3.768)

FKA, S/210086, Dialogue within the National Immunisation Programme (NIP)

- ✓ **32. Harmsen IA, Lambooi MS**, Ruiter RAC, **Mollema L, Veldwijk J, Weert YJ van**, Kok G, Paulussen TG, **Wit GA de, Melker HE de**
Psychosocial determinants of parents' intention to vaccinate their newborn child against hepatitis B
Vaccine 2012; 30(32):4771-7 (IF 3.766)
- ✓ **33. Harmsen IA**, Ruiter RA, Paulussen TG, **Mollema L**, Kok G, **Melker HE de**
Factors that influence vaccination decision-making by parents who visit an anthroposophical child welfare center: a focus group study
Adv Prev Med 2012; 2012:175694 (IF-)

- ✓ **34. Harmsen IA**, Doorman GG, **Mollema L**, Ruiters RA, Kok G, **Melker HE de**
Parental information-seeking behaviour in childhood vaccinations
BMC Public Health 2013; 13(1):1219 (IF 2.076)
- ✓ **35. Harmsen IA, Mollema L**, Ruiters RA, Paulussen TG, **Melker HE de**, Kok G
Why parents refuse childhood vaccination: a qualitative study using online focus groups
BMC Public Health 2013; 13(1):1183 (IF 2.076)

FKA, S/260216 Factors influencing willingness to participate in preventive interventions: discrete choice experiments

- ✓ **36. Veldwijk J, Lambooi MS, Gils PF van, Struijs JN**, Smit HA, **Wit GA de**
Type 2 diabetes patients' preferences and willingness to pay for lifestyle programs: a discrete choice experiment
BMC Public Health 2013; 13:1099 (IF 2.076)
- ✓ **37. Wanders JOP, Veldwijk J, Wit GA de**, Hart H, **Gils PF van, Lambooi MS**
The effect of positive and negative financial incentives in a discrete choice experiment: an application to lifestyle programs
BMC Public Health 2014; 18:870 (IF 2.321)
- ✓ **38. Veldwijk J, Lambooi MS**, Bekker-Grob EW de, Smit HA, **Wit GA de**
The effect of including an opt-out option in discrete choice experiments
PLoS One 2014; 9(11):e111805 (IF 3.534)
- ✓ **39. Veldwijk J, Lambooi MS, Bruijning-Verhagen PCJ**, Smit HA, **Wit GA de**
Parental preferences for rotavirus vaccination in young children: a discrete choice experiment
Vaccine 2014; 32(47):6277-83 (IF 3.485)

FKA, S/260286 Combining resources in health care: how can we prepare our human resources to exploit our technological resources?

- ✓ **40. Lambooi MS**, Hummel MJ
Differentiating innovation priorities among stakeholders in hospital care
BMC Med Inform Decis 2013; 13:91 (IF 1.603)
- ✓ **41. Struik MHL, Koster F, Schuit AJ, Nugteren R, Veldwijk J, Lambooi MS**
The preferences of users of Electronic Medical Records in hospitals; Quantifying the Relative Importance of barriers and facilitators of an innovation
Implement Sci 2014; 9:69 (IF 3.470)

FKA, S/270206 Improving knowledge utilization

- ✓ **42. Hegger I, Janssen SWJ, Keijsers JFEM, Schuit AJ, Oers HAM van**
Analyzing the contributions of a government-commissioned research project:
a case study Health Res Policy Syst 2014; 12(1):8 (IF 1.860)

Speerpunt Gezond ouder worden (HEA)

HEA, S/210216, Willingness of elderly to vaccinate

- ✓ **43. Eilers R, Krabbe PFM, Essen TGA van, Suijkerbuijk A, Lier A van, Melker HE de**
Assessment of vaccine candidates for persons aged 50 and older: a review
BMC Geriatr 2013; 13:32 (IF 1.967)
- ✓ **44. Eilers R, Krabbe PFM, Melker HE de**
Factors affecting the uptake by the elderly in Western Society
Prev Med 2014; 69:224-34 (IF 2.932)

HEA, S/260226, Life course approach to ageing

- ✓ **45. Oostrom SH van, Smit HA, Wendel-Vos CGW, Visser M, Verschuren WMM, Picavet HSJ**
Adopting an active lifestyle during adulthood and health-related quality of life:
the Doetinchem Cohort Study
Am J Public Health 2012; 102(11):e62-e68 (IF 3.926)
- ✓ **46. Zantinge EM, Berg M van den, Oostrom S van, Smit HA, HSJ Picavet**
Retirement: opportunity or restriction for a healthy lifestyle? A systematic
study of the literature
Eur J Public Health 2013 (Epub ahead of print) (IF 2.516)
- ✓ **47. Manschot A, Oostrom SH van, Smit HA, Verschuren WMM, Picavet HSJ**
Diagnosis of Diabetes Mellitus or Cardiovascular Disease and life style changes
- Doetinchem Cohort Study
Prev Med 2014; 59:42-6 (IF 2.932)
- ✓ **48. Super S, VerschurenWMM, Zantinge EM, Wagemakers MAE, Picavet HSJ**
A weak Sense of coherence is associated with increased mortality risk
J Epidemiol Commun H 2014; 68:411-417 (IF 3.294)

HEA, S/260236, Healthy vascular ageing

- ✓ **49. Nooyens ACJ, Bueno-de-Mesquita HB, Gelder BM van, Boxtel MP van, Verschuren WMM**
Consumption of alcoholic beverages and cognitive decline at middle-age: the
Doetinchem Cohort Study

Brit J Nutr 2014; 111(4):715-23 (IF 3.302)

- ✓ **50. Hulsegge G, Picavet HSJ, Blokstra A, Nooyens ACJ, Spijkerman AMW, Schouw YT van der, Smit HA, Verschuren WMM**
Today's adult generations are less healthy than their predecessors: generation shifts in metabolic risk factors: the Doetinchem Cohort Study
Eur J Prev Cardiol 2014; 21(9):1134-44 (IF 2.675)
- ✓ **51. Hulsegge G, Smit HA, Schouw YT van, Daviglius ML, Verschuren WMM**
Quantifying the benefits of achieving or maintaining long-term low risk profile for cardiovascular disease: The Doetinchem Cohort Study
Eur J Prev Cardiol 2014; [Epub ahead of print] (IF 2.675)
- ✓ **52. DL A van der, Nooyens AC, Duijnhoven FJ van, Verschuren MM, Boer JM**
All-cause mortality risk of metabolically healthy abdominal obese individuals: the EPIC-MORGEN study
Obesity 2014; 22(2):557-64 (IF 4.389)

HEA, S/260296 en S/260306, Early origin of disease & Derde ronde PIAMA-onderzoek

- ✓ **53. Berentzen NE, Wijga AH, van Rossem L, de Jongste JC, Boshuizen HC, Smit HA** Plasma-serum cholesterol differences in children and use of measurements from different specimens
Ann Nutr Metab 2013; 63(4):305-10 (IF 2.747)
- ✓ **54. Berentzen NE, Smit HA, Bekkers MBM, Brunekreef B, Koppelman GH, Jongste JC de, Kerkhof M, Rossem L van, Wijga AH**
Time in bed, sleep quality and associations with cardiometabolic markers in children: the Prevention and Incidence of Asthma and Mite Allergy birth cohort study
J Sleep Res 2014; 23(1):3-12 (IF 3.043)
- ✓ **55. Berentzen NE, Smit HA, van Rossem L, Gehring U, Kerkhof M, Postma DS, Boshuizen HC, Wijga AH**
Screen time, adiposity and cardiometabolic markers; mediation by physical activity, not snacking among 11-year-old children
Int J Obes 2014; 38(10):1317-23 (IF 5.386)
- ✓ **56. Berentzen NE, Stokkom VL van, Gehring U, Koppelman GH, Schaap LA, Smit HA, Wijga AH**
Associations of sugar-containing beverages with asthma prevalence in 11-year-old children: the PIAMA birth cohort
Eur J Clin Nutr 2015; 69(3):303-8 (IF 2.950)

HEA, V/270494, Studies and analysis work related chronic diseases

- ✓ **57. Heide I van der, Rijn RM van, Robroek SJ, Burdorf A, Proper KI**

Is retirement good for your health? A systematic review of longitudinal studies
BMC Public Health 2013; 13(1):1180 (IF 2,076)

HEA, S/340005, Monitoring human ageing

- 58.** Schermer B, Bartels V, Frommolt P, Habermann B, Braun F, Schultze JL, **Roodbergen M**, Hoeijmakers JHJ, Schumacher B, Nürnberg P, **Dollé MET**, Benzing T, Müller RU, Kurschat CE
Transcriptional profiling reveals progeroid Ercc1(-/Δ) mice as a model system for glomerular aging
BMC Genomics 2013; 14:559 (IF 4.397)
- ✓ **59.** Jonker MJ, **Melis JPM**, **Kuiper RV**, Hoeven TV van der, **Wackers PFK**, **Robinson J**, Horst GT van der, **Dollé MET**, Vijg J, Breit TM, Hoeijmakers JH, **Steeg H van**
Life spanning murine gene expression profiles in relation to chronological and pathological aging in multiple organs
Aging Cell 2013; 12:901-9 (IF 5.705)
- ✓ **60.** Dölleman M, **Verschuren WM**, Eijkemans MJ, **Dollé ME**, **Jansen EH**, Broekmans FJ, Schouw YT van der
Reproductive and lifestyle determinants of anti-Müllerian hormone in a large population-based study
J Clin Endocr Metab 2013; 98:2106-15 (IF 6.430)
- ✓ **61.** **Engelfriet PM**, **Jansen EHJM**, **Picavet HSJ**, **Dollé MET**
Biochemical Markers of Aging for Longitudinal Studies in Humans
Epidemiol Rev 2013 [Epub ahead of print] (IF 9.269)
- ✓ **62.** **Jongbloed F**, Bruin RW de, **Pennings JL**, Payán-Gómez C, Engel S van den, **Oostrom CT van**, Bruin A de, Hoeijmakers JH, **Steeg H van**, IJzermans JN, **Dollé ME**
Preoperative fasting protects against renal ischemia-reperfusion injury in aged and overweight mice
PLoS One 2014; 9(6):e100853 (IF 3.534)
- ✓ **63.** Bouwman FG, **Boer JM**, **Imholz S**, Wang P, **Verschuren WM**, **Dollé ME**, Mariman EC
Gender-specific genetic associations of polymorphisms in ACE, AKR1C2, FTO and MMP2 with weight gain over a 10-year period
Genes Nutr 2014; 9(6):434 (IF 3.419)
- ✓ **64.** **Reiling E**, **Dollé ME**, Youssef SA, Lee M, **Nagarajah B**, **Roodbergen M**, **With P de**, Bruin A de, Hoeijmakers JH, Vijg J, **Steeg H van**, Hasty P
The progeroid phenotype of Ku80 deficiency is dominant over DNA-PKCS deficiency
PLoS One 2014; 9(4):e93568 (IF 3.534)

- ✓ **65. Reiling E, Speksnijder EN, Pronk AC, Berg SA van den, Neggers SJ, Rietbroek I, Steeg H van, Dollé ME**
Human TP53 polymorphism (rs1042522) modelled in mouse does not affect glucose metabolism and body composition
Sci Rep-uk 2014; 4:4091 (IF 5.078)

66. Choi YJ, Li H, Son MY, Wang XH, Fornsgaglio JL, Sobol RW, Lee M, Vijg J, Imholz S, Dollé ME, Steeg H van, Reiling E, Hasty P
Deletion of individual Ku subunits in mice causes an NHEJ-independent phenotype potentially by altering apurinic/aprimidinic site repair
PLoS One 2014; 9(1):e86358 (IF 3.534)

HEA, S/340006, Are supplements good for healthy ageing?

- ✓ **67. Jansen EHJM, Ruskovska T**
Comparative analysis of plasma (anti)oxidative status parameters in healthy persons
Int J Mol Sci 2013; 14(3):6106-15 (IF 2.464)
- ✓ **68. Jansen EHJM, Beekhof PK, Cremers JWJM, Viezeliene D, Muzakova V, Skalicky J**
Long term stability of parameters of antioxidant status in human serum
Free Radic Res 2013; 47(6-7):535-40 (IF 3.279)
- ✓ **69. Jansen EHJM, Beekhof PK, Cremers JWJM, Viezeliene D, Muzakova V, Skalicky J**
Short-term stability of biomarkers of oxidative stress and antioxidant status in human serum
ISRN Biomarkers 2013; Article ID:316528 (IF-)
- ✓ **70. Jansen E, Beekhof P, Schenk E**
Long term stability of parameters of lipid metabolism in human serum: triglycerides, free fatty acids, total-, HDL- and LDL-cholesterol, apolipoprotein-A1 and -B
J Mol Biomark Diagn 2014; 5:182 (IF 3.955)

HEA, S/340007, Fetal origin of adult disease

- ✓ **71. Esterik JC van, Dollé ME, Lamoree MH, Leeuwen SP van, Hamers T, Legler J, Ven LT van der**
Programming of metabolic effects in C57BL/6JxFVB mice by exposure to bisphenol A during gestation and lactation
Toxicology 2014; 321:40-52 (IF 3.745)
- ✓ **72. Esterik JC van, Vitins AP, Hodemaekers HM, Kamstra JH, Legler J, Pennings JL, Steegenga WT, Lute C, Jelinek J, Issa JP, Dollé ME, Ven LT van der**
Liver DNA methylation analysis in adult female C57BL/6JxFVB mice following perinatal exposure to bisphenol A
Toxicol Lett 2014; 232(1):293-300 (IF 3.355)

HEA, S/350050, Biomarkers associated dietary patterns

- ✓ **73.** Dekker LH, **Boer JMA**, Stricker MD, Busschers WB, Snijder MB, Nicolaou M, **Verschuren WMM**

Dietary patterns within a population are more reproducible than those of individuals

J Nutr 2013; 143(11):1728-35 (IF 4.196)

- 74.** Struijk EA, May AM, Beulens JWJ, **Fransen HP**, **Wit GA de**, **Boer JMA**, Onland-Moret NC, **Hoekstra J**, Schouw YT van der, **Bueno-de-Mesquita HB**, Peeters PHM

Adherence to the Dutch Guidelines for a Healthy Diet and cancer risk in the European Prospective Investigation into Cancer and Nutrition-Netherlands (EPIC-NL) cohort

Public Health Nutr 2014; 17(11):2546-53 (IF 2.250)

- ✓ **75.** **Fransen HP**, May AM, Beulens JW, **Struijk EA**, **Wit GA de**, **Boer JM**, Onland-Moret NC, **Hoekstra J**, van der Schouw YT, **Bueno-de-Mesquita HB**, Peeters PH

Association between lifestyle factors and quality-adjusted life years in the EPIC-NL cohort PLoS One 2014; 9(11):e111480 (IF 3.534)

- ✓ **76.** **Fransen HP**, May AM, Stricker MD, **Boer JM**, Hennig C, Rosseel Y, **Ocké MC**, Schouw YT van der, Peeters PHM, Beulens JWJ

A posteriori dietary patterns: how many patterns to retain?

J Nutr 2014; 144(8):1274-82 (IF 4.227)

- ✓ **77.** **Struijk EA**, Beulens JWJ, May AM, **Fransen HP**, **Boer JM**, **Wit GA de**, Onland-Moret NC, Schouw YT van der, **Hoekstra J**, **Bueno-de-Mesquita HB**, Peeters PHM

Dietary patterns in relation to disease burden expressed in Disability-Adjusted Life Years

Am J Clin Nutr 2014; 100(4):1158-65 (IF 6.918)

- ✓ **78.** **Struijk EA**, May AM, Wezenbeek NL, **Fransen HP**, Soedamah-Muthu SS, Geelen A, **Boer JM**, Schouw YT van der, **Bueno-de-Mesquita HB**, Beulens JW

Adherence to dietary guidelines and cardiovascular disease risk in the EPIC-NL cohort

Int J Cardiol 2014; 176(2):354-9 (IF 6.175)

HEA, S/370002, Adequate medication Use by elderly outpatients

- ✓ **79.** Philbert D, **Notenboom K**, Bouvy ML, Geffen ECG van
Problems with opening medicine packaging experienced by older people
Int J Pharm Pract 2013; 22(3):200-4 (IF-)

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Practical problems with medication use experienced by older people: a qualitative study
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SVR, S/000102, Innovative synthetic vaccines

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SVR, S/000192, Alternative vaccine delivery

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SVR, S/000193, Immunological programming

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Bordetella pertussis naturally occurring isolates with altered lipooligosaccharide structure fail to fully mature human dendritic cells
Infect Immun 2015; 83(1):227-38 (IF 4.156)

SVR, S/000207, RSV Vaccine elderly

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SVR, S/230076, B cell memory - fingerprint of cross-protective immunity

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Publicaties in Nederlandse tijdschriften SOR periode 2011-2014

Speerpunten

- Benutten van technologische ontwikkelingen voor gezondheid en milieu (ANT, Application of New Technologies)
- De kloof overbruggen: van weten naar doen (FKA, Filling the gap: from Knowledge to Action)
- Gezond ouder worden (HEA, Healthy Ageing)
- Een gezonde en duurzame leefomgeving (HSL, Healthy and Sustainable Living environments)
- Dynamiek van infectieziekten (IDD, Infectious Disease Dynamics)
- Nieuwe dimensies in geïntegreerde risicobeoordeling voor volksgezondheid en milieu (IRA, New dimensions on Integrated (Risk) Assessments in public health and environment)
- Kennisontwikkeling voor effectieve vaccins nu en in de toekomst (SVR, Strategic Vaccine Research)

✓: eerste en/of tweede en/of laatste auteur is RIVM-medewerker
auteur vetgedrukt: RIVM-medewerker

Theme Application of new technologies (ANT)

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