

Dissertaties/PhD Theses 2015

- 04-2015 Thesis Dr. Brooke Nichols "Mathematical Modeling and Cost-Effectiveness of Antiretroviral-Based HIV-1 Prevention Strategies" Promotor Prof.dr. C.A.B. Boucher
- 06-2015 Thesis Dr. Marco Goeijenbier "Haemostasis and Virus Infections" Promotors Prof.dr. A.D.M.E. Osterhaus and Prof.dr. E.C.M. van Gorp
- 09-2015 Thesis Dr. Pascal Buijs "Oncolytic Newcastle Disease Virus as Treatment for Pancreatic Cancer" Promotors Prof. dr. R.A.M. Fouchier and Prof. dr. C.H.J. van Eijck
- 10-2015 Thesis Dr. Marcel Jonges "Exploring the use of influenza virus sequence diversity for the identification and characterization of transmission events" Promotor Prof. dr. M.P.G. Koopmans
- 11-2015 Thesis Dr. Suzan Pas "Hepatitis E in the immune-compromised patient" Promotor Prof.dr. A.D.M.E. Osterhaus
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5. Farag EA, **Reusken CB**, **Haagmans BL**, Mohran KA, **Stalin Raj V**, **Pas SD**, **Voermans J**, **Smits SL**, Godeke GJ, Al-Hajri MM, Alhajri FH, Al-Romaihi HE, Ghobashy H, El-Maghraby MM, El-Sayed AM, Al Thani MH, Al-Marri S, **Koopmans MP**. High proportion of MERS-CoV shedding dromedaries at slaughterhouse with a potential epidemiological link to human cases, Qatar 2014. *Infect Ecol Epidemiol*. 2015;5:28305.
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- 30.** Occupational Exposure to Dromedaries and Risk for MERS-CoV Infection, Qatar, 2013-2014.
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Afdeling	Opmerkingen	Indicatoren												
		1	2	3	4	5	6	7	8	9	10	11	12	
Viroscience	<ul style="list-style-type: none"> - NL en internationale publicaties - contacten met de media ivm Ebola epidemie - advisering NL en internationaal - uitzending analisten naar West-Afrika - Master I & I opleiding 	x	x	x	x	x							x	x

Societal Impact

1. NL publicaties/publications

Goeijenbier M, Verner-Carlsson J, van Gorp EC, Rockx B, Koopmans MP, Lundkvist A, van der Giessen JW, Reusken CB. Seoul hantavirus in brown rats in the Netherlands: implications for physicians--Epidemiology, clinical aspects, treatment and diagnostics. Neth J Med. 2015 May;73(4):155-60.

Het influenzaseizoen 2014/2015 in Nederland: een zeer langdurige epidemie 150 J.C. de Jong, G.A. Donker, A. Meijer, W. van der Hoek, M.M.A. de Lange, G.F. Rimmelzwaan, M.P.G. Koopmans. 23e Jaargang, December 2015, Nummer 4, NTMM.

2. Publiciteit & naamsbekendheid/ Publicity & Reputation familiarity

Januari 2015:

Marion Koopmans: Groene Amsterdammer: Ebola
Marion Koopmans: Volkskrant: Ebolacrisis lijkt over hoogtepunt heen
Marion Koopmans: Medical Facts: Oorzaak uitbraken infectieziekten sneller opsporen met behulp van nieuwe technologie (COMPARE)
Marion Koopmans: NOS: EU financiert databank ziekteverwekkers
Ab Osterhaus: Volkskrant: Griepvirus grijpt bij kou zijn kansen
Ab Osterhaus: Nationale Zorggids: Internationaal One Health Congres (IOHC2015) in Amsterdam
Ron Fouchier: Le Monde: Débat monstre sur les « Frankenvirus »

Februari 2015:

Marion Koopmans: Scientific American: Middle East Mystery Disease Triggers Early Resurgence
Ab Osterhaus: NOS Journaal : Grieprik beschermt niet goed
Ab Osterhaus: De Telegraaf: Grieprik werkt nauwelijks
Ab Osterhaus: De Telegraaf: Snel naar huisarts bij griepverschijnselen
Ab Osterhaus: Volkskrant: Profiel Ab Osterhaus
Ab Osterhaus: Volkskrant: Griepweigeraar
Ron Fouchier: Atlantico.fr: Comment les oiseaux migrants propagent le virus de la grippe (et pas que)

Maart 2015:

Marion Koopmans: BNR Nieuwsradio: Ebola-vaccinatie in Guinee
Marion Koopmans: Volkskrant: Ebolavirus niet krachtiger geworden sinds uitbraak

April 2015:

Marion Koopmans: BNR nieuwsradio: Hepatitis E
Marion Koopmans: Volkskrant: Ebolavirus niet krachtiger geworden sinds uitbraak
Eric van Gorp: Trouw: Pas op voor ziekmakend knaagdier
Ab Osterhaus: De Gooi en Eemlander: 'Ook jongens inenten tegen HPV-virus'

Mei 2015:

Marion Koopmans: Aan Tafel' Reformatorische Omroep: MERS
Marion Koopmans: Medisch Contact: Infectieziekten
Rik de Swart &
Ab Osterhaus: Medisch Contact: Na mazelen sterfttekans nog jaren groter
Ab Osterhaus: Volkskrant: Kans op kanker bij jongens kleiner door vaccinatie meisjes
Algemeen: Volkskrant: Mazelenprik, hiphop en het Facebookfilter
Algemeen: NOS: 'Geef prik baarmoederhalskanker ook aan jongens'

Juni 2015:

Marion Koopmans: AD/Haagsche Courant/Rotterdams Dagblad Limburgs Dagblad/Parool: Zuid-Korea rilt van MERS-virus

Marion Koopmans: BNR Nieuwsradio: Dodelijke MERS-virus slaat toe in Zuid-Korea
Marion Koopmans: ScienceInsider: 'Superspreading event' triggers MERS explosion in South Korea'
Marion Koopmans: Sciencenet China: 专家称近期疫情暴发有助促进了解MERS
(*Experts say the recent outbreak will help promote understanding MERS*)

Guus Rimmelzwaan: Laboratorium Magazine: Elke griepvaccinproducent dezelfde testen

Ab Osterhaus: ANP: Wat is het MERS-virus?
Ab Osterhaus: Dagblad Pluimveehouderij: Stof tot nadenken
Ab Osterhaus: Kennislink: De opmars van het MERS-virus
Ab Osterhaus: Een Vandaag: Uitbraak MERS in Zuid-Korea
Ab Osterhaus: Volkskrant: WHO: MERS-uitbraak Zuid-Korea is waarschuwing voor de wereld
Ab Osterhaus: Volkskrant: Opnieuw MERS-besmettingen in Zuid-Korea
Ab Osterhaus: Kinderopvangtotaal: Waterpokken gevaarlijker dan gedacht

Bart Haagmans: HP De Tijd: Vijf vragen over het 'teruggekeerde' dodelijke MERS-virus

Ron Fouchier: La Stampa: Mers-Cov, il virus che spaventa l'Europa
Ron Fouchier: 新浪网: 韩国MERS肆虐蝙蝠? 骆驼? 谁是元凶 (Korea MERS razende vleermuis? Kameel? Wie is de schuldige)

Algemeen: Dagblad van het Noorden: UMCG paraat vanwege ebola

Eric van Gorp: 7Days: YouTube-challenge tegen ebola (Viruskenner)

Juli 2015:

Marion Koopmans: BloombergBusiness: Vomiting Bug From Asia Threatens Global Wave of Gastro Outbreaks

Marion Koopmans: BDlive: New norovirus could down millions, on land and sea

Marion Koopmans: Skift: Meet the New Norovirus that has cruise lines worried sick

Ab Osterhaus: US Official News: Could some vaccines make diseases more deadly?
Ab Osterhaus: BNR Nieuwsradio: Nieuw Ebola-vaccin blijkt 100 procent effectief
Ab Osterhaus: RTL Nieuws: Vaccinatie is de manier om ebola aan te pakken

Algemeen: RTV Rijnmond: Mogelijke ebola-patiënt in Erasmus MC
Algemeen: RTV Rijnmond: Geen ebola bij patiënt in Erasmus MC
Algemeen: Leeuwarder Courant: Patiënt in Erasmus MC niet besmet met ebola
Algemeen: NRC: Patiënt in Erasmus MC niet besmet met ebola
Algemeen: De Telegraaf: Geen ebola in Erasmus MC
Algemeen: ANP: Mogelijk geval ebola naar UMCG (2)
Algemeen: Volkskrant: Verwarring na uitspraak publicatie 'gevaarlijke' studies

Ron Fouchier: ScienceInsider: Dutch appeals court dodges decision on hotly debated H5N1 papers
Ron Fouchier: Pluska.sk: Neviditeľný zabijak cerí zuby: Vtáčia chrípka môže onedlho kosť ľudí

Bart Haagmans: The Scientist: Moving MERS Therapies Forward

Augustus 2015:

Marion Koopmans: Artikel in Science over nieuwe test virusinfectiegeschiedenis
Marion Koopmans: Zeit Online: Ebola: Da war doch mal ein Virus

Marion Koopmans: Radio en website Kennis van nu : Mobiele ebola labs sluiten
<http://www.npowetenschap.nl/nieuws/artikelen/2015/Augustus/Mobiele-ebola-labs-sluiten.html>

Ron Fouchier : Edinburgh Evening News: Artikel Fred Bridgland: What deadly virus will strike next

Algemeen: Le Monde: " Pourquoi rendre les microbes plus dangereux ? "

Algemeen: Nu.nl: Resistent hepatitis B-virus nog steeds probleem

Algemeen: De Gooi en Eemlander: HPV-prik: dochters wel of niet laten vaccineren?

September 2015:

Marion Koopmans: BNR Nieuwsradio: Prehistorisch virus gaat niet over een nacht ijs

Marion Koopmans: Trouw: Laboratorium West-Afrika

Marion Koopmans: Kennislink: VIRGO ('de zoektocht naar de host van MERS')

Ron Fouchier: BNR Nieuwsradio: Nederlands grieponderzoek ligt stil door Amerikaans beleid

Ron Fouchier: Algemeen Dagblad: Bange Amerikanen leggen onderzoek naar griep stil

Bart Haagmans: Bloomberg Businessweek Middle East:

Oktober 2015:

Marion Koopmans: NOS: We zijn goed voorbereid op ebola

Marion Koopmans: Volkskrant: Hoe is het toch met Ebola

Marion Koopmans: Medisch Contact: Reactivatie ebola bij Britse verpleegkundige

Ron Fouchier: Nature.com: US plan to assess risky disease research takes shape

Ron Fouchier: Pluimveehouderij: Probleem AI wordt steeds groter

Ron Fouchier: Pluimveehouderij: Biosecurity? Nauwegezet en schoon dus!

Ron Fouchier: Boerderij Vandaag: Uitdaging om vogelgriep buiten de deur te houden

November 2015:

Marion Koopmans: MAX Magazine: Wapen u tegen de winter

Ron Fouchier: STAT: SARS-like virus in bats shows potential to infect humans

Suzan Pas: BN de Stem ed. Moerdijk: Strijd voor ebolavrij Afrika

Eric van Gorp: Algemeen Dagblad: Stoffige zolder bezemen is een risico op ziektes

December 2015:

Guus Rimmelzwaan: Volkskrant: Griepvaccin werkt minder bij oudere

Ron Fouchier: CIDRAP: GOF risk-benefit analysis unveiled ahead of NSABB debate

Bart Haagmans: NRC Next: Eerste vaccin tegen mers dempt besmettingsrisico

Bart Haagmans: NL Times: Erasmus scientists progressing on MERS vaccine

Bart Haagmans: BBC News: Mers vaccine 'a step closer', say scientists

Bart Haagmans: FierceVaccines: European MERS vaccine effective in camels

Bart Haagmans: Tagesspiegel: Impfstoff gegen Mers: Dromedare impfen, um Menschen zu schützen

Bart Haagmans: Ärzte Zeitung: Ein Impfstoff für Kamele

Bart Haagmans: Le Monde: Le MERS-coronavirus passe bien du dromadaire à l'homme

Bart Haagmans: Innovations report: Strategie gegen Mers-Seuche – Kamel-Impfstoff wirksam

Bart Haagmans: Lainformacion.com: Hallan cinco linajes del MERS circulando entre camellos y humanos y prueban una posible vacuna

Bart Haagmans: STAT: Camel vaccine against MERS could slow camel-to-human infections

Bart Haagmans: Полит.ру: Вирус MERS-CoV

Bart Haagmans: SINC: Una vacuna frente al MERS, eficaz en dromedarios

Bart Haagmans: Nauka W Polsce (PAP): Pierwsze udane testy szczepionki przeciwko wirusowi MERS

3. Internet

www.viroscience.org

http://www.compare_europe.eu

<http://www.prepare-europe.eu>

<http://antigonefp7.eu/>

<http://virgo.nl/>

<http://vectorie.eu/>

<http://www.erasmusmc.nl/virologie/>

<https://secure.virology.nl/NIC/>

4. Onderwijs/ Education

HLO stages

MLO stages

Labstage virologische moleculaire biologie

Labstage virologische serologie

Honours Class Bachelor Geneeskunde (Prof.dr. C.A.B. Boucher)

Opleiding Antivirale therapie en resistentie

Opleiding Klinisch virologische diagnostiek binnen de academische setting

KNVM onderwijs

Casusonderwijs

Wekelijks structureel AIOS onderwijs

Online e-learning i.s.m. Noordhoff i.h.k.v. MERS-COV & Ebola

School of Molecular Medicine

Master Infection & Immunity

Minor Global Health

Prof. dr. M.P.G. Koopmans

Prof. dr. E.C.M. van Gorp

Dr. A.A. Baltissen-van der Eijk

Dr. C.B.E.M. Reusken

Proefwerkstuk Ebola

Prof. dr. E.C.M. van Gorp

Profielwerkstuk amelogenesis imperfecta

Prof. dr. E.C.M. van Gorp

Profielwerkstuk H5N8

Dr. S. Herfst

Februari 2015

Master Infection & Immunity winter course I
Emerging Infections in a rapidly changing world

Prof. dr. M.P.G. Koopmans

April 2015

AIOS Medische Microbiologie
Dierlijke virale reservoirs en de relatie tussen humane infecties in het verleden en mogelijk in de toekomst

Prof. dr. M.P.G. Koopmans

Juli 2015

College replicatie strategieën en antivirale therapie

Dr. J.J.A. van Kampen

September 2015

Master Infection & Immunity summer school I
Foodborne transmission and viral gastroenteritis

Dr. M. de Graaf

5. Leerboeken voor professionals in de gezondheidszorg

Applied Genomics of Foodborne Pathogens (Springer) Dr. S.L. Smits/Prof.dr. M.P.G. Koopmans

Scriptiebundel Honours Class 2014/2015 Stad Rotterdam en Erasmus MC Prof.dr. C.A.B. Boucher

7. Richtlijnen

Gezondheidsraad toetsing conceptadvies Hepatitis B/C screening
Gezondheidsraad toetsing conceptadvies Antivirale middelen
Gezondheidsraad Beraadsgroep Volksgezondheid
Adviesbrief Deskundigenberaad zoönosen HEV
WHO IHR Emergency Committee regarding MERS-CoV
WHO Scientific Advisory Group for the Blueprint on Research and Development Preparedness
EU Global Research Collaboration for Infectious Disease Preparedness

10. De omvang van onderzoek door externe funding (2e-4e geldstroom)

€ 265.644,00	HBV	Roche	Boucher	start 15-jun-15	finish 15-jun-16
€ 218.530,00	EMERGE	EU Sante	Koopmans	start 01-jun-15	finish 01-jun-18
€ 612.500,00	VIROGENESIS	H2020	Koopmans	start 01-jun-15	finish 31-mei-18
€ 846.516,00	DIAGORAS	H2020		start 01-jun-15	finish 31-mei-19
€ 539.345,00	EVAg	H2020	Koopmans	start 01-apr-15	finish 31-mrt-19
€ 119.965,00	ANTIVIRUS		Van Gorp	start 01-apr-15	finish 31-mei-16
€ 967.400,00	ZAPI	FP7	Koopmans	start 01-mrt-15	finish 28-feb-20
€ 216.086,00	Vogelscreening	MINEZ	Fouchier	start 01-jan-15	finish 31-dec-15
€ 200.000,00	EMC Fellowship	EMC	Van Riel	start 01-jan-15	finish 31-dec-19

11. Contacten met stakeholders

Referentiecontract Emerging infections – Ministerie van VWS
Referentiecontract Influenza – Ministerie van VWS
Referentiecontract Aviaire Influenza Screening – Ministerie van EZ
Diverse contacten met industrie en wetgevers