

PERSONAL INFORMATION **Sabine Straus****WORK EXPERIENCE**

July 2012–Present **staff member**
MEB (Netherlands)
PRAC member

December 2005–June 2012 **head of PhV**
MEB (Netherlands)

2010–Present **associate professor**
Erasmus MC (Netherlands)

2001–2005 **senior assessor pharmacovigilance**
MEB (Netherlands)

EDUCATION AND TRAINING

September 1978–1985 **MD**
university Utrecht (Netherlands)

2002–2003 **MSc in Epidemiology**
erasmus university (Netherlands)

2001–2005 **PhD**
erasmus university (Netherlands)

ADDITIONAL INFORMATION

Expertise signal detection /signal management
pharmaco epidemiology
(additional) risk minimisation, pregnancy prevention programs and assessment of effectiveness
risk communication

Publications Mazzaglia G, Straus SMJ, Arlett P, da Silva D, Janssen H, Raine J, Alteri E.
Study Design and Evaluation of Risk Minimization Measures: A Review of Studies Submitted to the European Medicines Agency for Cardiovascular, Endocrinology, and Metabolic Drugs.
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Decision making in drug safety-a literature review of criteria used to prioritize newly detected safety issues.
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Gadroen K, Kemmeren JM, Bruijning-Verhagen PC, Straus SM, Weibel D, de Melker HE, Sturkenboom MC.
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Vaccine. 2016 Sep 22;34(41):4892-7

de Bie S, Kaguelidou F, Verhamme KM, De Ridder M, Picelli G, Straus SM, Giaquinto C, Stricker BH, Bielicki J, Sharland M, Sturkenboom MC; ARPEC study Using Prescription Patterns in Primary Care to Derive New Quality Indicators for Childhood Community Antibiotic Prescribing.

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Vermeer NS, Ebbers HC, Straus SM, Leufkens HG, Egberts TC, De Bruin ML.

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Pacurariu AC, Straus SM, Trifirò G, Schuemie MJ, Gini R, Herings R, Mazzaglia G, Picelli G, Scotti L, Pedersen L, Arlett P, van der Lei J, Sturkenboom MC, Coloma PM.

Useful Interplay Between Spontaneous ADR Reports and Electronic Healthcare Records in Signal Detection.

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Vermeer NS, Straus SM, Mantel-Teeuwisse AK, Hidalgo-Simon A, Egberts AC, Leufkens HG, De Bruin ML.

Drug-induced progressive multifocal leukoencephalopathy: Lessons learned from contrasting natalizumab and rituximab.

Clin Pharmacol Ther. 2015 Nov;98(5):542-50

Segec A, Keller-Stanislawski B, Vermeer NS, Macchiarulo C, Straus SM, Hidalgo-Simon A, De Bruin ML.

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de Bie S, Ferrajolo C, Straus SM, Verhamme KM, Bonhoeffer J, Wong IC, Sturkenboom MC; GRiP network.

Pediatric Drug Safety Surveillance in FDA-AERS: A Description of Adverse Events from GRiP Project.

PLoS One. 2015 Jun 19;10(6):

de Bie S, Coloma PM, Ferrajolo C, Verhamme KM, Trifirò G, Schuemie MJ, Straus SM, Gini R, Herings R, Mazzaglia G, Picelli G, Ghirardi A, Pedersen L, Stricker BH, van der Lei J, Sturkenboom MC; EU-ADR consortium.

The role of electronic healthcare record databases in paediatric drug safety surveillance: a retrospective cohort study.

Br J Clin Pharmacol. 2015 Aug;80(2):304-14

Patadia VK, Schuemie MJ, Coloma P, Herings R, van der Lei J, Straus S, Sturkenboom M, Trifirò G.

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Br J Clin Pharmacol. 2015 Feb 16. [Epub ahead of print]

Niels S Vermeer, Irina Spierings, Aukje K Mantel-Teeuwisse, Sabine MJM Straus, Thijs J Giezen, Hubert GM Leufkens, Toine CG Egberts, and Marie L De Bruin

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van Blijderveen JC, Straus SM, Zietse R, Stricker BH, Sturkenboom MC, Verhamme KM.

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Peter G. M. Mol, Ama H. Arnardottir, Domenico Motola, Patrick J. Vrijlandt, Ruben G. Duijnhoven, Flora M. Haaijer-Ruskamp, Pieter A. de Graeff, Petra Denig, Sabine M. J. M. Straus

Post-Approval Safety Issues with Innovative Drugs: A European Cohort Study.

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Inge M. Zomerdijk, Gianluca Trifirò, Fakhredin A. Sayed-Tabatabaei, Miriam C. J. M. Sturkenboom and Sabine M. J. M. Straus

Measuring the effect of risk minimization measures – can existing healthcare databases be used?

Pharmacoepidemiol Drug Saf. 2013;22(10):1046-53.

Niels S. Vermeer, Sabine M. J. M. Straus , Aukje K. Mantel-Teeuwisse,

Francois Domergue, Toine C. G. Egberts ,Hubert G. M. Leufkens,

Marie L. De Bruin

Traceability of Biopharmaceuticals in Spontaneous Reporting Systems: A Cross-Sectional Study in the FDA Adverse Event Reporting System (FAERS) and EudraVigilance Databases

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Van Blijderveen JC, Verhamme KM, Zietse R, Visser LE, Romio SA, Buhre PN, Sturkenboom MC, Hofman A, Straus SM, Stricker BH

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.J Nephrol. 2013 Jul 12;26(4):691-8

Duijnhoven RG, Straus SM, Raine JM, de Boer A, Hoes AW, De Bruin ML. Number of patients studied prior to approval of new medicines: a database study PLoS Med. 2013 Mar;10(3):e1001407

Reber KC, Piening S, Wieringa JE, Straus SM, Raine JM, de Graeff PA, Haaijer-Ruskamp FM, Mol PG When direct health care professional communications have an impact on inappropriate and unsafe use of medicines Clin Pharmacol Ther. 2013 Apr;93(4):360-5.

Crijns I, Mantel-Teeuwisse A, Bloemberg R, Pinas E, Straus S, de Jong-van den Berg L. Healthcare professional surveys to investigate the implementation of the isotretinoin Pregnancy Prevention Programme: a descriptive study. Expert Opin Drug Saf. 2013 Jan;12(1):29-38

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de Bie S, Verhamme KM, Straus SM, Stricker BH, Sturkenboom MC Vaccine-based subgroup analysis in VigiBase: effect on sensitivity in paediatric signal detection.

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Rikje Ruiten, Loes E. Visser, Myrthe P.P. van Herk-Sukel, Petronella H. Geelhoed- Duijvestijn, Sandra de Bie, Sabine M.J.M. Straus, Peter G.M. Mol, Silvana A. Romio, Ron M.C. Herings and Bruno H.Ch. Stricker

Prescribing of Rosiglitazone and Pioglitazone Following Safety Signals

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Crijns HJ, van Rein N, Gispén-de Wied CC, Straus SM, de Jong-van den Berg LT.

Prescriptive contraceptive use among isotretinoin users in the Netherlands in comparison with non-users: a drug utilisation study.

Pharmacoepidemiol Drug Saf. 2012

Crijns, Ineke; Straus, Sabine; Luteijn, Michiel; Gispén-de Wied, Christine; Raine, June; de Jong-van den Berg, Lolkje

Implementation of the Harmonized EU Isotretinoin Pregnancy Prevention Programme: A Questionnaire Survey among European Regulatory Agencies

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Ruiten R, Visser LE, van Herk-Sukel MP, Coebergh JW, Haak HR, Geelhoed-Duijvestijn PH, Straus SM, Herings RM, Stricker BH.

Lower risk of cancer in patients on metformin in comparison with those on sulfonylurea derivatives: results from a large population-based follow-up study.

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Arna H. Arnardottir, Flora M. Haaijer-Ruskamp, Sabine M.J. Straus, Pieter A. de Graeff, Peter G.M. Mol

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Ruiten R, Visser LE, van Herk-Sukel MP, Coebergh JW, Haak HR, Geelhoed-Duijvestijn PH, Straus SM, Herings RM, Stricker BH.

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- Intensive monitoring of pregabalin: results from an observational, Web-based, prospective cohort study in the Netherlands using patients as a source of information.
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- Additional safety risk to exceptionally approved drugs in Europe?
Br J Clin Pharmacol. 2011;72(3):490-9
Willemen MJ, Mantel-Teeuwisse AK, Straus SM, Meyboom RH, Egberts TC Leufkens HG.
- Use of dipeptidyl peptidase-4 inhibitors and the reporting of infections: a disproportionality analysis in the World Health Organization Vigibase.
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British Journal of Dermatology 2011;164(2):238-44
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- Proton pump inhibitors and the risk of overanticoagulation during acenocoumarol maintenance treatment.
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- Non-cardiovascular drugs that inhibit hERG-encoded potassium channels and risk of sudden cardiac death.
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Thijs J. Giezen, Aukje K. Mantel-Teeuwisse, Ronald H.B. Meyboom, Sabine M.J.M. Straus, Hubert G.M. Leufkens, and Toine C.G. Egberts
- Mapping the Safety Profile of Biologicals.
A Disproportionality Analysis Using the WHO Adverse Drug Reaction Database, Vigibase
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Peter G.M. Mol, Sabine M.J.M. Straus, Sigrid Piening, Jonie T.N. de Vries, Pieter A. de Graeff and Flora M. Haaijer-Ruskamp
- A Decade of Safety-related Regulatory Action in the Netherlands. A Retrospective Analysis of Direct Healthcare Professional Communications issued by Pharmaceutical Companies in Collaboration with the Dutch Medicines Evaluation Board and European Medicines Agency (EMA) from 1999 to 2009.
Drug Saf 2010;33:463-74
Martina Teichert, Loes E Visser, Mark Dufour, Eline Rodenburg, Sabine MJM Straus, Peter AGM De Smet, Bruno HCh Stricker
- Isotretinoin use and compliance with the Dutch pregnancy prevention program: a retrospective cohort study in Dutch females of reproductive age with pharmacy dispensing data.
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BH.

The association of serum testosterone levels and ventricular repolarization

Eur J Epidemiol. 2010;25(1):21-8

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Evaluation of Post-Authorisation Safety Studies in the first cohort of EU Risk Management Plans at time of regulatory approval: Where are we?"

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Charlotte van Noord, MD, Miriam C.J.M. Sturkenboom, PharmD, PhD, Sabine M.J.M. Straus MD, PhD, Albert Hofman, MD, PhD, Jacqueline C.M. Witteman, PhD, Bruno H. Ch. Stricker, MMed, PhD

Population-based studies of antithyroid drugs and sudden cardiac death

Br J Clin Pharmacol 2009;68 (3): 447-454

Thijs J. Giezen, Sabine M.J.M. Straus, Aukje K. Mantel-Teeuwisse

Pharmacovigilance of biosimilars from a regulatory point of view: Is there a need for a specific approach?

International Journal of Risk & Safety in Medicine 2009 (21) 53-58

Willemien MJ, Mantel-Teeuwisse AK, Straus SM, Leufkens HG, Egberts AC, Sturkenboom MC.

Cardiovascular and psychiatric risk profile and patterns of use in patients starting anti-obesity drugs.

Pharmacoevidenciol Drug Saf. 2009;18(7):631-8

Charlotte van Noord, Albert-Jan L.H.J. Aarnoudse, Mark Eijgelsheim,

Miriam C.J.M. Sturkenboom, Sabine M.J.M. Straus, Albert Hofman, Jan A. Kors, Christopher Newton-Cheh, Jacqueline C.M. Witteman, Bruno H.Ch. Stricker, Calcium channel blockers, NOS1AP and QTc prolongation. Pharmacogenetics and Genomics, 2009;19(4):260-6

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Egberts AC

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Egberts A

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Antipsychotics and the risk of sudden cardiac death.

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Incidence of sudden cardiac death in the general population.

J Clin Epidemiol. 2004;57(1):98-102.

Nederlandse publicaties

C. van Noord, .S M.J.M. Straus, R van Mechelen, J.M. Akkerhuis, M. C.J.M. Sturkenboom, B. H. Ch. Stricker.

QTc-verlenging bij electrocardiografie en medicatie in de praktijk.

Modern Medicin 2009;33(6):193-6

Swaan CM, van der Sande MA, Speelman P, Conyn-van Spaendonck MA, Straus SM, Coutinho RA. Bijwerkingen van influenza vaccinatie [Adverse events following influenza vaccination: reaction to specific reports and the necessity of a central registration system]

Ned Tijdschr Geneesk. 2007;151(39):2166-9..

Straus S.M.J.M., Lekkerkerker J.F.F.

Kennis zonder bijwerkingen

Medisch Contact 2004;37:144-1446

Voordouw ACG, Straus SMJM. Kunnen er weer griepachtige verschijnselen ontstaan na een 2e vaccinatie tegen hepatitis B? [What is known about the recurrence of flu-like symptoms following a second vaccination against hepatitis B?]

Vademecum, 2001, nr.22

van Grootheest AC, Straus SMJM, Heeringa M.

Bijwerkingen van Sildenafil, 2 jaar praktijkervaring [Side effects of sildenafil: findings from two years practical experience]

Ned Tijdschr Geneesk. 2001 ;145(11):526-9.

Straus S, Nab HW, Meiners AP, Broekmans AW

Post-marketing surveillance: wetenschappelijk onderzoek of promotie van geneesmiddelen.

Huisarts en wetenschap 1999 ; 42: 505-08

SMJM Nierop-Straus
Acupunctuur en verslaving.
Acupunctur 1989;13:14-24
WMA Verhoeven en S. Straus
Neuropeptiden en depressie
Tijdschrift voor psychiatrie 1986 (9):622-32

Projects nvolvement in supervision of academic research/PhD research , covering (additional) risk minimisation measures, risk communication, methodology in signal detection, renal ADR and biologicals.
advisory role in
SAFEGUARD (The European project SAFEGUARD aims to assess and further quantify and understand the cardio/cerebrovascular and pancreatic safety of blood glucose lowering agents, in particular the thiazolidinedones (TZDs) and the novel incretin-based drugs and amylin analogues in Type 2 Diabetes Mellitus (T2DM) patients)
ARITMO (the European project ARITMO aims to analyse the arrhythmic potential of drugs in the following classes of study drugs (> 250 compounds): antipsychotics, anti-infectives (antibacterials, antimycotics and antivirals) and H1-antihistamines, globally and in specific subgroups (age, co-morbidity, genetically).

Memberships ISPE

Other Relevant Information