

CURRICULUM VITAE

Dr. Barbara Nußbaumer-Streit, MSc BSc Bakk.

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Professional

- Since 01/2016 **Cochrane Austria**, Associate Director
- Since 07/2012 **Danube University Krems, Department for Evidence-based Medicine and Clinical Epidemiology**, Research Associate
- 01/2012 - 06/2014 **University of Applied Science Upper Austria, Department for Health and Social Science**, Research Associate
- 08/2011 - 10/2011 **Medical University of Graz, Department for Rheumatology and Immunology**, Study coordinator

Education

- 09/2014 - 10/2018 **Medical University of Vienna**
Doctoral Programme of Applied Medical Science (Public Health)
Dr.scient.med with highest distinction (PhD equivalent)
- 07/2014 - 08/2014 **Harvard School of Public Health, Boston, USA**
Summer Session Public Health
- 04/2012 - 06/2012 **Medical University of Graz**
Clinical trial specialist (postgraduate diploma course)
- 10/2007 - 10/2011 **University of Graz**
Studies in Business Administration
Bachelor (Bakk.rer.soc.oec.) with highest distinction
- 10/2005 - 11/2010 **Medical University of Graz**
Studies in Health- and Nursing Science
Master and Bachelor of Science (MSc BSc) with highest distinction
- 09/1997 - 07/2005 **Secondary school - Europagymnasium Klagenfurt**
Graduation with highest distinction

Teaching activities at Universities

Medical University of Vienna

Since 2016 "Clinical Epidemiology: Systematic Reviews and Meta-Analyses," seminar, Medicine Degree Programme

Johannes Kepler University Linz

Winter term 2018/19 "Evidence-based Medicine with focus on complementary medicine", Medicine Degree Programme

Paracelsus Medical University

Since 2018 "Reporting Guidelines" lecture in PhD programme "Nursing & Allied Health Sciences"

University of Applied Science FH Wiener Neustadt

Winter term 2018/19 "Epidemiology and Statistics in Nursing", seminar, Bachelor's Programme "Health- and Nursing Science"

University of Applied Science FH Joanneum

Winter term 2017/18 "Evidence-based Practice in Clinical Nutrition," seminar, Master's Programme "Applied Nutritional Medicine"

UMIT Private University

Winter term 2016/17 "Systematic Reviews and Meta-Analyses," lecture, Master's Programme Nursing Science

Karl Landsteiner University

Since 2014 Module Epidemiology & Scientific Research Project, Bachelor's Programme Health Science

Danube University Krems

Since 2012 Lectures at the Department for Evidence-based Medicine and Clinical Epidemiology, the Department of Nursing Science, the Centre for Regenerative Medicine and Orthopedics

University of Applied Science Upper Austria

2012/2013 "Empirical social research in practice," seminar, Bachelor's Programme Human Services and Public Management

Publications

In peer-reviewed journals

Nussbaumer-Streit B, Forneris CA, Morgan LC, Van Noord MG, Gaynes BN, Greenblatt A, Wipplinger J, Lux LJ, Winkler D, Gartlehner G. Light therapy for preventing seasonal affective disorder. *Cochrane Database of Systematic Reviews* 2019, Issue 3. Art. No.: CD011269. DOI: 10.1002/14651858.CD011269.pub3.

Gartlehner G, **Nussbaumer-Streit B**, Gaynes BN, Forneris CA, Morgan LC, Greenblatt A, Wipplinger J, Lux LJ, Van Noord MG, Winkler D. Second-generation antidepressants for preventing seasonal affective disorder in adults. *Cochrane Database of Systematic Reviews* 2019, Issue 3. Art. No.: CD011268. DOI: 10.1002/14651858.CD011268.pub3.

Arevalo-Rodriguez I, Tricco AC, Steingart KR, **Nussbaumer-Streit B**, Kaunelis D, Alonso-Coello P, Baxter S, Bossuyt PM, Zamora J (2019) Challenges of rapid reviews for diagnostic test accuracy questions: a protocol for an international survey and expert consultation. *Diagnostic and Prognostic Research*, 3:7, <https://doi.org/10.1186/s41512-019-0052-y>.

Teufer B, Sommer I, **Nussbaumer-Streit B**, Titscher V, Bruckmann C, Klerings I, Gartlehner G. (2019) Screening for periodontal diseases by non-dental health professionals: a protocol for a systematic review and overview of reviews. *Systematic Reviews*, 8:61. <https://doi.org/10.1186/s13643-019-0977-9>.

Nussbaumer-Streit B, Pjrek E, Kien C, Gartlehner G, Barova L, Friedrich ME, Kasper S, Winkler D (2018) Implementing prevention of seasonal affective disorder from patients' and physicians' perspectives - a qualitative study. *BMC Psychiatry*, 18:372, <https://doi.org/10.1186/s12888-018-1951-0>.

Gartlehner G, **Nussbaumer-Streit B**, Wagner G, Patel S, Swinson-Evans T, Dobrescu A, Gluud C (2018) Increased Risks for Random Errors are Common in Outcomes Graded as High Certainty of Evidence. *Journal of Clinical Epidemiology*, <https://doi.org/10.1016/j.jclinepi.2018.10.009>.

Kien C, Grillich L, **Nussbaumer-Streit B**, Schoberberger R (2018): Pathways leading to success and non-success: a process evaluation of a cluster-randomized physical activity health promotion program applying fuzzy-set qualitative comparative analysis. *BMC Public Health*. 18:1386, <https://doi.org/10.1186/s12889-018-6284-x>.

Nussbaumer-Streit B, Klerings I, Wagner G, Heise TL, Dobrescu AI, Armijo-Olivo S, Stratil JM, Persad Emma, Lhachimi SK, Van Noord MG, Mittermayr T, Zeeb H, Hemkens L, Gartlehner G (2018) Abbreviated literature searches were viable alternatives to comprehensive searches: a meta-epidemiological study. *Journal of Clinical Epidemiology*, 102, 1-11. DOI: <https://doi.org/10.1016/j.jclinepi.2018.05.022>.

Klestil T, Röder C, Stotter C, Winkler B, Nehrer S, Lutz M, Klerings I, Wagner G, Gartlehner G, **Nussbaumer-Streit B**. (2018). Impact of timing of surgery in elderly hip fracture patients: a systematic review and meta analysis. *Nature Scientific Reports*, Volume 8, Article number: 13933: 1-15.

Nussbaumer-Streit B, Winkler D, Spies M, Kasper S, Pjrek E. (2017) Prevention of seasonal affective disorder in daily clinical practice: results of a survey in German-speaking countries. *BMC Psychiatry* 17:247.

Wagner G, **Nussbaumer-Streit B**, Greimel J, Ciapponi A, Gartlehner G. (2017) Trading certainty for speed—how much uncertainty are decisionmakers and guideline developers willing to accept when using rapid reviews: an international survey. *BMC Medical Research Methodology*, 17 (1): 121.

Klestil T, Röder C, Stotter C, Winkler B, Nehrer S, Lutz M, Klerings I, Wagner G, Gartlehner G, **Nussbaumer-Streit B**. (2017) Immediate versus delayed surgery for hip fractures in the elderly patients: a protocol for a systematic review and meta-analysis. *Systematic Reviews*, 6 (1): 164.

Nussbaumer-Streit B, Klerings I, Wagner G, Titscher V, Gartlehner G. (2016) Assessing the validity of abbreviated literature searches for rapid reviews: protocol of a non-inferiority and meta-epidemiologic study. *Systematic Reviews*, 22; 5(1): 197. PubMed PMID: 27876092.

Nussbaumer-Streit B, Yeoh B, Griebler U, Pfadenhauer LM, Busert LK, Lhachimi SK, Lohner S, Gartlehner G. (2016) Household interventions for preventing domestic lead exposure in children. In: *Cochrane Database of Systematic Reviews*, Issue 10, Art. No.: CD006047. DOI: 10.1002/14651858.CD006047.pub5.

Angelescu K, **Nussbaumer-Streit B**, Sieben W, Scheibler F, Gartlehner G. (2016) Benefits and harms of screening for and treatment of asymptomatic bacteriuria in pregnancy: a systematic review. *BMC Pregnancy and Childbirth*, (1), 336.

Nußbaumer B, Glechner A, Kaminski-Hartenthaler A, Mahlke P, Gartlehner G. (2016) Ezetimibe-Statin Combination Therapy: efficacy and safety as compared with statin monotherapy - a systematic review. *Deutsches Ärzteblatt International*, 113(26): S. 445-453.

Gartlehner G, Dobrescu A, Swinson Evans T, Thaler K, **Nußbaumer B**, Sommer I, Lohr KN. (2016) Average effect estimates remain similar as evidence evolves from single trials to high-quality bodies of evidence: a meta-epidemiologic study. *Journal of Clinical Epidemiology*, 69(1): S. 16-22.

Nussbaumer B, Kaminski-Hartenthaler A, Forneris CA, Morgan LC, Sonis JH, Gaynes BN, Greenblatt A, Wipplinger J, Lux LJ, Winkler D, Van Noord MG, Hofmann J, Gartlehner G. (2015) Light therapy for preventing seasonal affective disorder. *Cochrane Database of Systematic Reviews*, Issue 11. Art. No.: CD011269. DOI: 10.1002/14651858.CD011269.pub2.

Gartlehner G, **Nussbaumer B**, Gaynes BN, Forneris CA, Morgan LC, Kaminski-Hartenthaler A, Greenblatt A, Wipplinger J, Lux LJ, Sonis JH, Hofmann J, Van Noord MG, Winkler D. (2015) Second-generation antidepressants for preventing seasonal affective disorder in adults. *Cochrane Database of Systematic Reviews*, Issue 11. Art. No.: CD011268. DOI: 10.1002/14651858.CD011268.pub2.

Kaminski-Hartenthaler A, **Nussbaumer B**, Forneris CA, Morgan LC, Gaynes BN, Sonis JH, Greenblatt A, Wipplinger J, Lux LJ, Winkler D, Van Noord MG, Hofmann J, Gartlehner G. (2015) Melatonin and agomelatine for preventing seasonal affective disorder. *Cochrane Database of Systematic Reviews*, Issue 11. Art. No.: CD011271. DOI: 10.1002/14651858.CD011271.pub2.

Forneris CA, **Nussbaumer B**, Kaminski-Hartenthaler A, Morgan LC, Gaynes BN, Sonis JH, Greenblatt A, Wipplinger J, Lux LJ, Winkler D, Van Noord MG, Hofmann J, Gartlehner G. (2015) Psychological therapies for preventing seasonal affective disorder. *Cochrane Database of Systematic Reviews*, Issue 11. Art. No.: CD011270. DOI: 10.1002/14651858.CD011270.pub2.

Thaler K, Kien C, **Nussbaumer B**, Van Noord MG, Griebler U, Klerings I, Gartlehner G. (2015) Inadequate use and regulation of interventions against publication bias decreases their effectiveness: a systematic review, *Journal of Clinical Epidemiology*, doi: 10.1016/j.jclinepi.2015.01.008.

Nussbaumer B, Morgan LC, Reichenpfader U, Grennblatt A, Hansen RA, Van Noord M, Lux L., Gaynes BN, Gartlehner G. (2014) Comparative Efficacy and Risk of Harms of Immediate-versus Extended-Release Second-Generation Antidepressants: A Systematic Review with Network Meta-Analysis. *CNS Drugs*, 2014 Vol.28, No. 4.

Kien C, **Nussbaumer B**, Thaler K, Griebler U, Van Noord MG, Wagner P, Gartlehner G. (2014) Barriers to and facilitators of interventions to counter publication bias: thematic analysis of scholarly articles and stakeholder interviews. *BMC: Health Services Research* 14:551.

Glechner A, Gartlehner G, **Nußbaumer B**, Kozek-Langenecker S. (2014) Perioperatives Anämiemanagement – Systematischer Review und Meta-Analyse. *Wien Med Wochenschr.* 164, 15, 330-341.

Reichenpfader U, Gartlehner G, Morgan LC, Greenblatt A, **Nussbaumer B**, et al. (2014) Sexual Dysfunction associated with Second-Generation Antidepressants in Patients with Major Depressive Disorder: Results from a Systematic Review with Network Meta-Analysis. *Drug Safety*, 37(1): 19-31.

In non peer-reviewed journals

Nussbaumer-Streit B, Grillich L, Glechner A, Affengruber L, Gartlehner G, Morche J, Meerpohl JJ (2018) GRADE: Von der Evidenz zur Empfehlung oder Entscheidung - ein systematischer und transparenter Ansatz, um gut informierte Entscheidungen im Gesundheitswesen zu treffen. 1: Einleitung, *ZEFQ*, <https://doi.org/10.1016/j.zefq.2018.05.004>

Nußbaumer-Streit B. (2017) Cochrane – mitmachen erwünscht. *Qualitas*, 2/2017: 33.

Nußbaumer B, Gartlehner G. (2017) In Reply. *Dtsch Arztebl Int.*;114(5):71.

Nußbaumer B. (2016) Rapid Reviews – wenn schnell entschieden werden muss. *Qualitas*, 2/2016 15.JG: S. 36-36.

Kien C, Reichenpfader U, **Nußbaumer B**, Rohleder S, Punz P, Christof C, Gartlehner G. (2014) Vergleichende Wirksamkeit und Sicherheit von Screeninguntersuchungen und Beratungsgesprächen durch nicht-ärztliches und ärztliches Personal. Eine systematische Übersichtsarbeit, *ZEFQ*, 109, 1, 18-27.

Nußbaumer B, Gartlehner G, Kien C, Kaminski-Hartenthaler A, Langer G, Meerpohl JJ, Schünemann HJ. (2014) GRADE Leitlinien: 15. Von der Evidenz zur Empfehlung – Determinanten, die Richtung und Stärke einer Empfehlung bestimmen, *Zeitschrift für Evidenz, Fortbildung und Qualität im Gesundheitswesen*, 108, 7, 421-431.

Nußbaumer B, Wipplinger J, Mahlknecht P. (2014) Nutzen und Sicherheit von Ginkgo biloba. *Qualitas*, 1/2014: S. 35.

Kränzl-Nagl R, **Nußbaumer B**. (2013) Österreich: erstmals bundesweite Erhebung zu Hospiz & Palliative Care in Alten- und Pflegeheimen. *Bundes-Hospiz-Anzeiger* 01/2013, 9-10.

Kränzl-Nagl R, **Nußbaumer B**. (2012) Integration von Hospiz & Palliative Care? Aus Sicht der Forschung. *Lebenswelt Heim* 12/2012, 16-18.

Nußbaumer B, Lohrmann C. (2011) Prävalenz der Inkontinenz und Pflegemaßnahmen. Querschnittstudie bei erwachsenen Bewohnern und Patienten in Österreich. *ProCare* 04/2011, 18-21.

Nußbaumer B, Lohrmann C. (2009) Die Einstellung von Pflegepersonen gegenüber Pflegeforschung. *Österreichische Pflegezeitschrift*, 5.

Scientific monographs

King V, Garrity C, Stevens A, **Nussbaumer-Streit B**, Hartling L, Harrod CS, Guise JM, Kamel C. Performing Rapid Reviews. Chapter 2 in: Tricco AC, Langlois EV, Straus SE, editors (2017) Rapid reviews to strengthen health policy and systems: a practical guide. Geneva: *World Health Organization*. Licence: CC BY-NC-SA 3.0 IGO.

Nußbaumer B, Hemedinger F. (2014) Jugend und Geld: Eine Befragung Jugendlicher in Oberösterreich, *Pro Mente Edition*, Linz.

Talks and workshops

- 03/2019 **“Critical appraisal of medical studies,”** workshop for lecturers at the University of Applied Science for Health Professions Upper Austria, Steyr, Austria.
- 03/2019 **“Cochrane Systematic Reviews in digital era: critical appraisal of studies and the role of Cochrane software,”** workshop, Kazan, Russia.
- 02/2019 **„Evidence-based Medicine: knowing what works,”** MiniMed lecture, Krems, Austria.
- 01/2019 **3-day Cochrane workshop for authors,** Freiburg, Germany.
- 01/2019 **“Formulating Questions, Selecting Outcomes and Introduction to the Guideline Development Tool,”** GRADE workshop, World Health Organisation, Geneva, Switzerland.
- 11/2018 **„Introduction to Rapid Reviews“**, workshop at a Symposium at the Institute of Social and Preventive Medicine, Lausanne, Switzerland.
- 11/2018 **“What does Cochrane Austria mean for Karl Landsteiner University and hospitals,”** talk at 8. Onkologietag Krems, Austria.
- 11/2018 **“Authors-Workshop,”** workshop for lecturers at the University of Applied Science for Health Professions Upper Austria, Steyr, Austria.
- 09/2018 **“An introduction to rapid reviews,”** workshop 25. Cochrane Colloquium, Edinburgh, UK.
- 09/2018 **“How to use the GRADE approach to assess, interpret and present evidence,”** workshop 25. Cochrane Colloquium, Edinburgh, UK.
- 06/2018 **HTA Workshop,** Main Association of Austrian Social Security Institutions, Vienna, Austria.
- 06/2018 **„Increased risk for random errors is common in outcomes graded as high certainty of evidence,”** talk at Evidence Live, Oxford, UK.
- 05/2018 **„Cochrane Evidence for everyone in German,”** talk at Austrian Public Health Conference, Vienna, Austria.
- 03/2018 **3-day Cochrane workshop for authors,** Freiburg, Germany.
- 03/2018 **“Do abbreviated literature searches change conclusions of evidence syntheses,”** talk at the 19. Congress of the German Network EbM, Graz, Austria.
- 02/2018 **“Systematic Reviews and Meta-Analyses,”** workshop for employees, AGES, Vienna, Austria.

- 02/2018 **“Critical appraisal of medical studies,”** workshop for lecturers at the University of Applied Science for Health Professions Upper Austria, Steyr, Austria.
- 12/2017 **“Formulating Questions, Selecting Outcomes and Introduction to the Guideline Development Tool,”** GRADE workshop, World Health Organisation, Geneva, Switzerland.
- 12/2017 **“Abbreviated literature searches in rapid reviews - how do they affect the validity of conclusions?,”** talk, WHO, Geneva, Switzerland.
- 11/2017 **“Authors-Workshop,”** workshop for lecturers at the University of Applied Science for Health Professions Upper Austria, Wels, Austria.
- 10/2017 **“Cochrane Systematic Reviews – from protocol to review – logistics and challenges,”** workshop, Kazan, Russia.
- 09/2017 **„Keynote: In Focus- Evidence-based Practice“**, talk at the International Congress for Health Professionals: Gesundheitsberufe - Wege in die Zukunft., FH Campus Wien, Vienna, Austria.
- 09/2017 **“An introduction to rapid reviews: Developing timely evidence summaries for decision makers,”** Cochrane Rapid Reviews Methods Group workshop at the Global Evidence Summit, Cape Town, South Africa.
- 06/2017 **“Systematic Reviews and Meta-Analyses,”** workshop for lecturers at the University of Applied Science Joanneum, Graz, Austria.
- 05/2017 **“Evidencebased Reporting - Critical appraisal of medical studies,”** workshop for journalists, Medizin Medien, Vienna, Austria.
- 04/2017 **“Critical appraisal of medical studies,”** workshop for lecturers at the University of Applied Science for Health Professions Upper Austria, Linz, Austria.
- 03/2017 **“Quality over Quantity in Psychology and Medicine,”** moderation of a symposiums, 18. Congress of the German Network EbM, Hamburg, Germany.
- 11/2016 **“GRADE,”** workshop for employees of the LBI-HTA, Vienna, Austria.
- 11/2016 **“Authors-Workshop,”** workshop for lecturers at the University of Applied Science for Health Professions Upper Austria, Linz, Austria.
- 10/2016 **“Trading certainty for speed: how much uncertainty are decisionmakers willing to accept when using rapid review? An international survey,”** talk, 24. Cochrane Colloquium, Seoul, Korea.
- 10/2016 **“Rapid review programs and methods research: description and discussion of the experiences from among Convenors of the Cochrane Methods Rapid Reviews Group,”** workshop, 24. Cochrane Colloquium, Seoul, Korea.
- 10/2016 **“Rapid reviews workshop: developing timely evidence summaries for decision makers,”** workshop, 24. Cochrane Colloquium, Seoul, Korea.

- 10/2016 **“Cochrane – Opinion making in Medicine,”** talk, Harbacher Orthopädietae - Evidenzbasierte Rehabilitation, Harbach, Austria.
- 09/2016 **“Understanding studies – tips for journalists,”** workshop at fjum, Vienna, Austria.
- 06/2016 **Medicine 4.0 Congress – part of working group 1,** Charité Berlin, Germany.
- 04/2016 **“Critical appraisal of medical studies,”** workshop for lecturers at the University of Applied Science for Health Professions UA, Linz, Austria.
- 03/2016 **Cochrane - a Global Collaboration. Watson Health Day,** IBM Global Industry Solution Center, Paris, France.
- 12/2015 **“About Cochrane” & “Critical appraisal of RCTs,”** talk, Cochrane Hungary, Debrecen, Hungary.
- 10/2015 **“Prevention of Seasonal Affective Disorder – Systematic Review and Meta-Analyses,”** talk, 8. European Public Health Conference, Milano, Italy.
- 09/2015,
11/2015 **“Workshop Literature Search,”** workshop for employees of the Upper Austrian Health Insurance Centre (OÖGKK), Linz, Austria.
- 06/2015 **“Why study results can be wrong,”** talk at the 19. Summer Academy of Pharmacists, Pörschach, Austria.
- 01/2015 **3-day Cochrane workshop for authors,** Freiburg, Germany.
- 03/2014 **“Immediate vs. extended release second-generation antidepressants in the treatment of major depressive disorder – a systematic review,”** talk at the 22. European Congress of Psychiatry, Munich, Germany.
- 11/2013 **“Barriers and facilitators in the implementation of interventions to prevent publication bias,”** methods seminar at the Danube University Krems, Austria.
- 11/2012 **“Levels of evidence of scientific publications,”** talk at the University of Applied Science Kärnten, Klagenfurt, Austria.
- 09/2010 **“Incontinence treatment,”** talk at the 6. Symposium of the Grazer Society for Nursing Science, Graz, Austria.

Other scientific contributions

Since 2019	Member of the Advisory Board of Cochrane Russia
Since 2018	Action Management Committee Member EVBRES COST Action “Towards an International Network for Evidence-based Research in Clinical Health Research” and leader of working group 3
Since 2018	Member of the Cochrane LMIC/UMIC Stipends Committee
2018	Associate Editor of the Journal Systematic Reviews
Since 2017	Co-Convenor of the Cochrane Rapid Reviews Methods Group
Since 2017	Member of the Editorial Board of the journal “Zeitschrift für Evidenz, Fortbildung und Qualität im Gesundheitswesen”
2017 & 2013	Poster Chair, European Forum for Evidence-based prevention (EUFEP), Krems, Austria.
2015	Member of the Local Organizing Committee, 23. Cochrane Colloquium in Vienna, Austria.
Since 2015	Peer Review for Cochrane Systematic Reviews & Journal of Affective Disorders, American Journal of Cardiovascular Drugs, Journal Neuropsychiatric Disease and Treatment, Current Therapeutic Research

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