

Curriculum Vitae

NAME / TITLE	POSITION
Prof. Nicolas Rodondi, MD, MAS Full Professor of Primary Care and Internal Medicine Email: Nicolas.Rodondi@insel.ch Phone: + 41 31 632 41 63	Director of the Institute of Primary Health Care (BIHAM) University of Bern, Switzerland & Head of Ambulatory Care Department of General Internal Medicine Inselspital, University of Bern, Switzerland

Positions and Employment

1998-2002	Residencies in Internal Medicine at PMU and CHUV, University of Lausanne, CH
2002	Swiss Board of Internal Medicine (FMH in Internal Medicine)
2002-2003	Chief Resident, Service of Internal Medicine, University Hospital of Lausanne, CH
2003-2005	Research Scholar, University of California, San Francisco, USA
2005-2007	Chief Resident, Dpt of Ambulatory Care and Community Medicine (PMU), Uni. of Lausanne, CH
2007-2011	Faculty, Dpt of Ambulatory Care and Community Medicine (PMU), Uni. of Lausanne, CH
2007-2012	Privat-Dozent (PD) et Maître d'Enseignement et de Recherche (MER), Uni. of Lausanne, CH
2011-	Head of Ambulatory Care, Dpt. General Internal Medicine, Inselspital, University of Bern, CH
2012-2016	Associate Professor of Internal Medicine, University of Bern, CH
2016-	Full Professor of Primary Care and Internal Medicine, University of Bern, CH
2016-	Director of the Institute of Primary Health Care (BIHAM), University of Bern, CH
2017-	Swiss National Science Foundation (SNSF), National Research Council

Other Experience and Professional Memberships

2006-	Member of the U.S. Society of General Internal Medicine
2008-	Member of the Executive Committee of the Swiss Atherosclerosis/Lipid Society
2009-	Principal Investigator and Chair of the Steering Committee of the international Thyroid Studies Collaboration
2011-2014	Editorial Board, <i>Journal of General Internal Medicine (JGIM, IF: 2.7)</i> , <i>Journal of the US Society of General Internal Medicine</i>
2012-2017	International Editorial Board, <i>JAMA of Internal Medicine (IF: 10.6)</i>

Peer-Reviewed Research Support (main supports)

* European Commission HORIZON 2020, Specific Programme H2020-PHC-2014 "Research and Innovation action–Theme Health" (grant agreement 634238), 2015-2020

"OPERAM: OPTimising thERapy to prevent Avoidable hospital admissions in the Multimorbid elderly" (amount: CHF 8'041'903; for Bern: CHF 3'291'427 from Swiss State Secretariat for Education, Research and Innovation, SERI, contract 15.0137). Comparing the effectiveness of existing healthcare interventions in the elderly. This grant funds a multicentre randomised controlled trial to assess the impact of a software-assisted method to optimise pharmacotherapy and to enhance compliance in multimorbid patients aged ≥ 75 years to decrease drug-related hospital admissions.

Role: Coordinator (Principal investigator for the full project in Europe)

Swiss National Scientific Foundation (320030_172676), 2017-2021

"Neuropsychiatric outcomes, muscular function and exploration of metabolic pathways disrupted in subclinical thyroid dysfunction: a prospective evaluation and impact of treatment" (amount CHF 904'000.-)

Role: Principal Investigator

Swiss National Scientific Foundation (NFP74;407440-167465), 2017-2020

"Optimising PharmacoTherapy In the multimorbid elderly in Primary CAre: a cluster randomised controlled trial (the OPTICA trial)" (amount CHF 507'107.-)

Role: Principal Investigator

Velux Stiftung, 2016-2018

Impact of Thyroid Hormone Replacement on Cardiac Function and Progression of Artherosclerosis in older adults with Subclinical Hypothyroidism, Velux Stiftung (CHF 298'000)

Swiss National Scientific Foundation (NFP74), 2017-2020

"Variations in preference sensitive care and controversial procedures in Switzerland" (amount: CHF 372'900.-)

Role: Co-investigator (PI: Prof. D. Aujesky, Bern)

Swiss National Scientific Foundation (NFP74), 2017-2020

"Improving inappropriate medication and information transfer at hospital discharge. A cluster-randomized controlled trial" (amount CHF 393'268)

Role: Co-investigator (PI: Dr S. Neuner, Zürich)

* Swiss National Scientific Foundation (SNSF 33cs30_148474/2), 2016-2018

“Swiss Atrial Fibrillation Cohort Study” (amount: CHF 2 millions).

Role: Principal Investigator of the Bern site

* Swiss National Scientific Foundation (SNSF 32473B-163271/1), 2015-2017

“Long-term Benefit of the Multi-Center, Multi-Dimensional Secondary Prevention Program in Patients With Acute Coronary Syndromes” (amount: CHF 525'000.-)

Role: Co-investigator

Swiss National Scientific Foundation (SNSF 320030-150025), 2014-2017

“Novel biomarkers and skeletal outcomes associated with subclinical thyroid dysfunction: a prospective evaluation and impact of treatment” (amount: CHF 696'026.-).

This grant funds an international collaboration to assess the associations between subclinical thyroid dysfunction and non-cardiovascular outcomes, such as fractures or anemia, and investigate the pathophysiological mechanisms of these associations.

Role: Principal investigator

EU FP7-HEALTH-2011, Programme “Cooperation” – Theme “Health” (Proposal No: 278148-2), 2011-2016

“Multi-modal effects of thyroid hormone replacement for untreated older adults with subclinical hypothyroidism; a randomised placebo-controlled trial”, the TRUST trial (total amount: Euros 5'963'787.-).

This grant funds a randomized controlled trial to assess the multi-modal effects of thyroid hormone replacement with subclinical hypothyroidism among 738 older adults. Outcomes include cardiovascular events, disease-specific and health-related quality of life, muscle function and cognition.

Role: Principal investigator for Switzerland

Swiss National Scientific Foundation (SNSF 320030-138267), 2011-2014

“Cardiovascular and neuropsychiatric outcomes associated with subclinical thyroid dysfunction: a prospective evaluation” (amount: CHF 294'107.-). Principal investigator (PI).

This grant funds an international collaboration (the Thyroid Studies Collaboration, with 62'000 individual participant data from 12 prospective cohorts) to assess to identify and quantify the clinical risks associated with subclinical thyroid dysfunction in large prospective cohorts.

Swiss National Scientific Foundation (Cohort Study 33CSCO-122659), 2009-2014

The Swiss Venous Thromboembolism Cohort 65+ (SWITCO-65+, total amount: CHF 2.8 millions for 2009-11 + 860'000 for 2012-13), PI of the Lausanne site (until 2011), Member of the Steering Committee

This grant funds a multicenter cohort to determine the predictors of clinically relevant medical outcomes, health-related quality of life, and costs of care among 1000 elderly patients with venous thromboembolism.

Swiss National Scientific Foundation (SPUM 33CM30-124112), 2009-2014

Inflammation and acute coronary syndromes (ACS) – Novel strategies for prevention and clinical management, (total amount: CHF 3'689'636.- for 2009-11 + CHF 3.6 millions for 2012-14), PI of the Lausanne site

This grant funds a multicenter study to assess the impact of a multi-dimensional prevention program on the recurrence of cardiovascular events among 2400 acute coronary syndrome patients, as well as to investigate novel cardiovascular risk biomarkers for the recurrence of cardiovascular events.

Swiss National Scientific Foundation (SNSF 3200B0-116097), 2007-2010

Impact of carotid plaque screening on smoking cessation and control of other cardiovascular risk factors: a randomized controlled trial (total amount: CHF 164'167.-), PI

This grant funds a randomized controlled trial to assess the impact of carotid plaque screening on 1-year smoking cessation rates and levels of control of other cardiovascular risk factors among 536 smokers.

Peer review for scientific institutions and medical journals

For research projects of the: Swiss National Scientific Foundation (SNSF)

Heart and Stroke Foundation of Canada

French National Research Agency

Research Grants Council, Hong Kong

National Institute of Health (NIH), US, for:

- The Health, Aging, and Body Composition Study, NIA/NIH (external reviewer)

- The Cardiovascular Health Study, NHLBI/NIH (external reviewer)

For General and Internal Medicine journals: Annals of Internal Medicine: Exceptional Reviewer in 2004, 2005, 2006

and 2009; BMJ; Archives of Internal Medicine (International Editorial Board Member); American Journal of Medicine; The Journal of Gerontology: Medical Sciences; Preventive Medicine; Mayo Clinic Proceedings; The International Journal for Quality in Health Care; Journal of Women's Health; Addiction Research & Theory; Journal of General Internal Medicine (JGIM): Editorial Board Member

For Cardiovascular journals: Circulation; European Heart Journal; Arteriosclerosis, Thrombosis, and Vascular Biology

(ATVB); Atherosclerosis; EuroIntervention; American Journal of Cardiology; American Journal of Hypertension;

European Journal of Cardiovascular Prevention and Rehabilitation

For Endocrinology journals: Clinical Endocrinology; European Journal of Endocrinology; Psychoneuroendocrinology;

Thyroid; Lancet Diabetes Endocrinol

Publications

All peer-reviewed articles (based on Web of Science):

Total citations: 5779

Average citations/year: 342

Average citations/article: 34.03

H-Index: 39

Weighted Relative Citation Ratio (RCR): 329.47

Total articles : 181

1st author : 22

Last author : 51

Most cited article: **N Rodondi**, et al. Subclinical hypothyroidism and the risk of coronary heart disease and mortality.

JAMA, 2010;304:1365-1374. **RCR 19.48**

Total citations of this article: 261, average citations/year: 37.29

Ten most important publications

1. **N Rodondi**, AB Newman, E Vittinghoff, N de Rekeneire, S Satterfield, T Harris, DC Bauer. Subclinical Hypothyroidism and the Risk of Heart Failure, other Cardiovascular Events, and Death. *JAMA Intern Med* 2005;165:2460-2466. **RCR 9.15**
2. **N Rodondi**, WPJ den Elzen, DC Bauer, AR Cappola, S Razvi, JP Walsh, BO Asvold, G Iervasi, M Imaizumi, T-H Collet, A Bremner, P Maisonneuve, JA Sgarbi, K-T Khaw, MPJ Vanderpump, AB Newman, J Cornuz, JA Franklyn, RCJ Westendorp, E Vittinghoff, J Gussekloo for the Thyroid Studies Collaboration. Subclinical hypothyroidism and the risk of coronary heart disease and mortality. *JAMA*, 2010;304:1365-1374. **RCR 19.48**
3. **N Rodondi**, TH Collet, D Nanchen, I Locatelli, D Aujesky, P Bovet, J Cornuz. Impact of Carotid Plaque Screening on Smoking Cessation and Other Cardiovascular Risk Factors: A Randomized Controlled Trial. *JAMA Intern Med*, 2012;172:344-352. **RCR 1.47**
4. R Auer, DC Bauer, P Marques-Vidal, J Butler, L Kim, J Cornuz, S Satterfield, AB Newman, E Vittinghoff, **N Rodondi**. Association between minor and major ECG changes and incidence of coronary heart disease events. *JAMA*, 2012;307:1497-1505. **RCR 3.66**
5. C Aubert, S Streit, TH Collet, J Cornuz, JM Gaspoz, D Bauer, D Aujesky, **N Rodondi**. Polypharmacy and specific comorbidities in university primary care settings. *Eur J Intern Med*, 2016;35:35-42. **RCR 1.39**
6. DJ Stott, **N Rodondi**, PM Kearney, I Ford, RGJ Westendorp, S Mooijaart, N Sattar, CE Aubert, D Aujesky, DC Bauer, C Baumgartner, MR Blum, J Browne, S Byrne, TH Collet, OM Dekkers, WPJ Den Elzen, R Du Puy, G Ellis, M Feller, C Floriani, K Hendry, C Hurley, JW Jukema, S Kean, M Kelly, D Krebs, P Langhorne, G McCarthy, V McCarthy, A McConnachie, M McDade, M Messow, AM O'Flynn, D O'Riordan, RKE Poortvliet, TJ Quinn, A Russell, C Sinnott, JWA Smit, A Van Dorland, K Walsh, E Walsh, T Watt, R Wilson, J Gussekloo. Thyroid Hormone Therapy for Older Adults with Subclinical Hypothyroidism. *NEJM*, 2017; 376:2534-2544. **RCR 10.44**
7. S Jegerlehner, J.-L. Bulliard, D Aujesky, **N Rodondi**, S Germann, I Konzelmann, A Chioloro, and NICER Working Group. Overdiagnosis and overtreatment of thyroid cancer: A population-based temporal trend study. *PlosOne*, 2017;12:e0179387.
8. DO Riordan, CE Aubert, KA Walsh, A van Dorland, **N Rodondi**, R du Puy, RKE Poortvliet, J Gussekloo, C Sinnott, S Byrne, R Galvin, JW Jukema, SP Mooijaart, C Baumgartner, V McCarthy, EK Walsh, TH Collet, OM Dekkers, MR Blum, PM Kearney. Prevalence of potentially inappropriate prescribing in a subpopulation of older European clinical trial participants: a cross-sectional study. *BMJ Open*. 2018;8:e019003
9. M Feller, M Snel, E Moutzouri, D Bauer, I Ford, J Gussekloo, PM Kearney, S Mooijaart, T Quinn, D Aujesky, D Stott, R Westendorp, **N Rodondi**, OM Dekkers. Association of thyroid hormone therapy with quality of life and thyroid-related symptoms in patients with subclinical hypothyroidism: a systematic review and meta-analysis. *JAMA* 2018;320:1349-1359
10. J-B Beuscart, W Knol, S Cullinan, C Schneider, O Dalleur, B Boland, S Thevelin, P Jansen, D O'Mahony, **N Rodondi**, A Spinewine. International core outcome set for clinical trials of medication review in multi-morbid older patients with polypharmacy. *BMC Medicine*, 2018;16:1-9