

Curriculum vitae

Name Arnaud Chiolero, MD PhD
E-mail achiolero@gmail.com; arnaud.chiolero@unifr.ch

Current position and professional activities

Since 2019 **Professor of Public Health and Director of the Population health Laboratory**, University of Fribourg (www.unifr.ch), Switzerland. Research and teaching about life course epidemiology of chronic diseases and about public health surveillance.

Since 2010 **Epidemiologist and Chief-physician** (médecin-chef) at the Observatoire Valaisan de la Santé (www.ovs.ch), Sion, Switzerland. Population health surveillance. Monitoring of health trends and quality of care indicators. Provision of public health subject-matter expertise to governmental agencies and other stakeholders.

Academic appointments

Since 2019 **Full Professor in Public Health**, University of Fribourg, Switzerland (UniFR; www.unifr.ch; Population Health Laboratory - #PopHealthLab <https://www3.unifr.ch/med/de/research/groups/pophealthlab/>)

Since 2019 **Adjunct Professor**, Institute of Primary Health Care, University of Bern, Switzerland (BIHAM; www.biham.unibe.ch)

2018-2019 **Associate Professor in Public Health and Primary Care**, Institute of Primary Health Care, University of Bern, Switzerland (BIHAM; www.biham.unibe.ch)

Since 2015 **Adjunct Professor**, Department of Epidemiology, Biostatistics, and Occupational Health, McGill University, Montreal, Canada (www.mcgill.ca/epi-biostat-occh/arnaud-chiolero). Research and teaching activities about population health surveillance and life course epidemiology.

Since 2011 **Senior Lecturer (Privat-Docent)** at the Institute of Social and Preventive Medicine (www.iumsp.ch/fr/chiolero-arnaud), University of Lausanne (www.unil.ch).

Past research and professional activities

2017-2019 Deputy Director at the Institute of Primary Health Care of the University of Bern (BIHAM; www.biham.unibe.ch). Research and teaching about life course epidemiology with a focus on chronic diseases (hypertension, cardiovascular diseases, cancer) and about health services (screening, public health surveillance, overdiagnosis).

2015-2017 Academic director of the CAS in Public Health, IUMSP, Lausanne, Switzerland (www.iumsp.ch/fr/formation/cas-sante-publique).

2010-2017 Senior lecturer (Privat-Docent & Maître d'Enseignement de Recherche) at the Institute of Social and Preventive Medicine (www.iumsp.ch), University of Lausanne (www.unil.ch) & Lausanne University Hospital (www.chuv.ch), Switzerland. Research and teaching about life course epidemiology with a focus on chronic diseases and about health services.

2003-2007 Resident/senior resident (chef de clinique) and senior research fellow in public health and epidemiology, Institute of Social and Preventive Medicine (IUMSP), University of Lausanne, Switzerland. Cardiovascular epidemiology research; coordinator of a population-based survey on high blood pressure in children.

2006-2007 Senior resident (chef de clinique) and senior research fellow in public health and epidemiology, Lignes de la santé and University ambulatory clinic (PMU), University of Lausanne, Switzerland. Supervisor of a cardiovascular screening and counseling unit.

2002-2003 Resident in internal medicine, Hospital of Sion, Switzerland

2001-2002 Resident and research fellow, Hypertension Unit, Department of Internal Medicine, Lausanne University Hospital (CHUV), Switzerland. Investigator for a clinical study on the effect of drugs on renal function.

2000-2001 Resident in psychiatry, Lausanne University Hospital (CHUV), Switzerland

2000 Research fellow, Swiss Institute for Prevention of Alcohol problems (SIPA), Lausanne, Switzerland. Research on risk behavior among adolescents.

1998-1999 Resident and research fellow, Hypertension Unit, Department of Internal Medicine, University Hospital of Lausanne (CHUV), Switzerland. Investigator for a clinical study on renal pathophysiology of high blood pressure.

Professional certification

2007 Board certified (FMH) Prévention and Public Health, Switzerland.
2005 Board certified (FMH) Médecin praticien, Switzerland.

University education

2007-2011 PhD in epidemiology, Department of Epidemiology, Biostatistics, and Occupational Health, McGill University, Montreal, Canada.
2004-2006 MSc in epidemiology, Erasmus University, NIHES, Rotterdam, Netherland.
1998-2001 Doctorate in Medicine (MD), School of medicine, University of Lausanne, Switzerland.
1991-1997 Federal Diploma of Medicine, School of medicine, University of Lausanne, Switzerland.

Awards

2013 Award by the American Journal of Epidemiology and the Society for Epidemiologic Research (SER) for being the 1st author of a paper among the 10 top 2013 articles of the year.
2004 Astra-Zeneca award for the best poster presentation at the Swiss public health conference (2'000 CHF).
2001 Hossein Sadeghi award of the University of Lausanne for the scientific value of a project in the field of cardiovascular research (8'000 CHF).

Research grants & fellowships (PR: peer-reviewed; PI/CI: principal-/co-investigator)

2020-2022 "Personalized preventive care and life expectancy among older multimorbid adults" [495'000 CHF; Swiss National Science Foundation (SNSF); PR] (PI)
2019-2022 "Examining Cancers and Labor Indicators to assess the Burden (ExCaLIbur)" (in collaboration with UNIL) [226'800 CHF; [Ligue contre le Cancer](#); PR] (CI)
2019-2021 "Monitoring, modeling, and modifying dietary habits and nutrition based on large-scale digital traces" (in collaboration with EPFL) [285'000 CHF; [Microsoft Swiss Joint Research Centre](#); PR] (CI)
2017-2019 "Barriers and enablers to the willingness to deprescribe in older patients with multimorbidity and polypharmacy" [50'000 CHF; Swiss Society of General Internal Medicine (SGIM); PR] (CI)
2016-2019 "Consequences of maternal gestational diabetes on offspring's cardiovascular health" [423'000 CHF; Swiss National Science Foundation (SNSF); PR] (PI)
2016-2019 "Health consequences and biomonitoring of sodium and caffeine intake in children and adolescents" [192'000 CHF; Swiss Federal Food Safety and Veterinary Office (FSVO); PR] (PI)
2017-2019 "Variations in preference-sensitive care and controversial medical procedures in Switzerland" [374'000 CHF; Swiss National Science Foundation (SNSF), as part of the NRP 74; PR] (CI)
2015-2019 "A team-based care for improving hypertension (TBC-Hypertension): a randomized controlled study" [190'000 CHF; Swiss Academy of Medical Science (ASSM); PR] (CI)
2014-2017 "Understanding blood pressure and end organ damage in adolescents" [600'000 CAN\$; Canadian Institute of Health Research (CIHR); PR] (CI)
2015-2017 "Overdiagnosis of cancer in Switzerland" [50'000 CHF; Swiss Society of General Internal Medicine (SGIM); PR] (CI)
2014-2016 "Variations in preference-sensitive care in Switzerland" [50'000 CHF; Swiss Society of General Internal Medicine (SGIM); PR] (CI)
2008-2011 "Body size, Growth, and Blood Pressure in Children and Adolescents: Population Trends and Cohort Analyses" [135'000 CAN\$; Canadian Institute of Health Research (CIHR), PR] (PI).
2007-2011 Midas Award for international PhD student, McGill University [8'900 CAD/year].

Arnaud Chiolero, MD PhD, #PopHealthLab, March 2020

2008-2010 Fellowship Faculty of Medicine, McGill University [12'000 CAN\$/yr; declined] (PI).
2008-2010 Fellowship Lloyd Carr Harris, McGill University [15'000 CAN\$/yr; declined] (PI).
2008-2009 Fellowship senior scientist of the Swiss National Science Foundation (SNSF) [63'000 CHF; PR; declined] (PI).
2007-2008 Fellowship senior researcher of the Swiss National Science Foundation (SNSF), "Determinants of blood pressure in children in a context of obesity epidemic: epidemiology studies in Switzerland, Canada and Seychelles" [71'200 CHF; PR] (PI).
2005-2007 "Prevalence and determinants of high blood pressure in children aged 11-13 years: a population-based study in Switzerland" [173'300 CHF; Swiss National Science Foundation (SNF); PR] (CI).

Other fundings

2017 SSPH+ grant for workshop "Overdiagnosis: how to assess? How to prevent?". Lausanne University Hospital, date to be defined [14'000 CHF; Swiss School of Public Health] (co-PI)
2016 SSPH+ grant for workshop "Towards a national child and adolescent health surveillance system", Basel, Swiss Tropical Institute, 8.2.2017 [21'500 CHF; Swiss School of Public Health] (co-PI)

Teaching experience

Since 2020 Master in Medicine & Bachelor in Medicine, University of Fribourg: "Population health and epidemiology"
2017 Master in Medicine, University of Bern: "Cardiovascular epidemiology"
Since 2015 Master in epidemiology and in public health, Department of Epidemiology, McGill University, Montreal, Canada: "Principle and practice of public health surveillance" (epib679).
2015 & 2017 MOOCs "To screen or not to screen", University of Lausanne and University of Geneva; "Screening of cardiometabolic conditions"
<https://fr.coursera.org/learn/screening/lecture/bfOLx/case-1-hypertension>
<https://fr.coursera.org/learn/screening/lecture/TpmUI/case-2-diabetes>
<https://fr.coursera.org/learn/screening/lecture/dDEtG/case-3-cardiovascular-risk-factors-in-children>
Since 2012 Certificate of advanced studies (CAS) in public health, University of Lausanne, Switzerland. Course about "Public Health Surveillance and Information System".
2010-2012 WHO International Seminar on the Public Health Aspect of Non-communicable Diseases, Lausanne, Switzerland. Training of public health professionals about "Resources on the Internet for NCD prevention and control".
2008-2009 Pregraduate training of medical students for the course "Public Health and Preventive Medicine" by Prof G. Paradis, McGill University, Montreal, Canada.
2005-2007 Postgraduate training of fellows and pregraduate training of medical students in epidemiology and public health, University of Lausanne, Switzerland.
2004 Postgraduate training of physicians in clinical epidemiology, Hospital of Sion, Switzerland. Pregraduate training of nursing students in public health, Nursing School of La Source, Lausanne, Switzerland.
1998-2002 Pregraduate training of nursing students in cardiovascular disease epidemiology, Nursing School of Chantepierre, Lausanne, Switzerland; Pregraduate clinical training of medical students in hypertension, University hospital of Lausanne, Switzerland.

Supervision experience (student or post-doc fellow) (S: supervision; CS: co-supervision)

2020-2023 Viktoria Gastens, PhD in in epidemiology, Bern University, Switzerland. Research topic: "Personalizing preventive care among multimorbid adults" (S)
2017-2020 Daniela Anker, PhD in epidemiology, Bern University, Switzerland. Research topic: "Hypertension and frailty among older adults" (S)
2016-2020 Adina Epure, PhD in cardiovascular epidemiology, Lausanne University, Switzerland. Research topic: "Cardiovascular risk markers early in life" (S)

2017-2019	Yan Paccaud, Medical Doctorate (MD), Geneva University, Switzerland. Research topic "Urinary spot to estimate 24 hour urinary calcium excretion in children" (CS).
2015-2019	Zaïneb Outdili, Medical Doctorate (MD), Lausanne University, Switzerland. Research topic: "Performance of blood pressure initial screening measurements for the diagnosis of hypertension in children" (S)
2016-2018	Magali Leyvraz, PhD in epidemiology and public health, Lausanne University, Switzerland. Research topic: "Salt and blood pressure in children" (S)
2016-2018	Christina Bruder, Medical Doctorate (MD), Lausanne University, Switzerland. Research topic: "Lifetime risk of lung cancer" (S)
2015-2016	Simon Germann, Master of Science (MSc) in Statistics, Neuchâtel University, Switzerland. Research topic: "The lifetime risk of being affected by cancer" (S)
2014-2016	Céline Roulet, Master in Medicine (MMed), Lausanne University, Switzerland. Research topic: "Trends in blood pressure in children: a systematic review" (S)
2013-2015	Christina Bruder, Master in Medicine (MMed), Lausanne University, Switzerland. Research topic: "Evolution de l'incidence du cancer du sein par stade entre 1993 et 2011 : une étude de population dans le canton du Valais" (S)
2013-2014	Christian Ambord, Master in Public Health (MPH), Zurich University, Switzerland. Research topic: "Surveillance of diabetes with medico-administrative data" (S)
2012-2014	Zaïneb Outdili, Master in Medicine (MMed), Lausanne University, Switzerland. Research topic: "Performance of blood pressure to height ratio at a single screening visit for the identification of hypertension in children" (S)
2012-2014	Clemens Bloetzer, Master of Science (MSc) in Epidemiology, London School of Hygiene & Tropical Medicine (LSHTM), London. Research topic: "Performance of parental history of hypertension for the screening of hypertension in children" (S)
Since 2010	Supervision of physicians' training in public health and epidemiology
2005-2006	Aurélié Lasserre, Medical Doctorate (MD), Lausanne University, Switzerland. Research topic: "Obesity in children in Switzerland" (CS)

Membership in professional and scientific associations

- European Public Health Association (EUPHA)
- Society of Epidemiology Research (SER)
- International Society of Hypertension (ISH)
- Swiss Public Health Association
- Swiss Association of Physician (FMH)
- Faculty of the Swiss School of Public Health+ (SSPH+)

Varia

- Affiliated researcher at the University of Montreal, Canada (www.etudequalitystudy.ca)
- Member (since 2017) of the editorial board of *Public Health Reviews* (<https://publichealthreviews.biomedcentral.com/>)
- Member (2013-2017) of the editorial board of the *Journal of Hypertension* (<http://journals.lww.com/jhypertension/pages/default.aspx>)
- Peer reviewing: NEJM; Ann Intern Med; BMJ; Am J Epidemio; Circulation; Hypertension; J of Hypertension; Can J Public Health; Am J Prev Med; American Heart Association Council on Epidemiology and Prevention meeting; Society for Epidemiologic Research meeting; Canadian Public Health Association meeting.
- Grant application reviewing: Swiss National Science Foundation (www.snf.ch/en); Swiss Academy of Medical Sciences (SAMS): health services research (www.samw.ch/en/Research/Health-Services.html); Programme de formation 4P: prévention, promotion et politiques publiques (www.santepop.qc.ca/fr/formation/formation4p.html).
- Committee Member Public Health Schweiz - Experts group (<https://public-health.ch/fr/>)
- Committee Member Schweizerische Gesellschaft der Fachärzte für Prävention und Gesundheitswesen (SGPG; <http://sgpg.ch/>)
- Committee Member Commission sécurité et qualité des soins (CSPQS), Sion, Switzerland
- Twitter account : @swissepi (<https://twitter.com/swissepi>)
- ORCID ID: <https://orcid.org/0000-0002-5544-8510>

Research interests

- Life course and consequential epidemiology
- Cardiovascular epidemiology
- Hypertension (prevalence, screening, etiology)
- Public health surveillance & health monitoring
- Health services & quality of care monitoring
- Preventive care, screening & overdiagnosis
- Cancer
- Smoking

Google scholar <https://scholar.google.com/citations?hl=en&user=QgOASJwAAAAJ>

Citations: 12453; h-index: 44; i10-index: 97

ORCID <https://orcid.org/0000-0002-5544-8510>

Publications (original research, editorial, commentary, letter) in peer-reviewed scientific journals (N=163) [*=Master, MD, PhD students or post-doc fellows supervised by A. Chiolero]

1. *Anker D, Santos-Eggimann, Zwahlen M, Santschi V, Rodondi N, Wolfson C, Chiolero A. Blood pressure in relation to frailty in older adults: a population-based study. *J Clin Hypertens* 2020; *in press*
2. *Rios-Leyvraz M, Bochud M, Tabin R, Genin B, Russo M, Rossier MF, Eap CB, Bovet P, Chiolero A. Monitoring caffeine intake in children with a questionnaire and urine collection: a cross-sectional study in a convenience sample in Switzerland. *Eur J Nutr* 2020; *in press*
3. Chiolero A, Rodondi N, Santschi V. High-value, data-informed, and team-based care for multimorbidity. *Lancet Public Health* 2020; *in press* [letter]
4. Wellman RJ, Sylvestre MP, Abi Nader P, Chiolero A, Mesidor M, Dugas EN, Tougri G, O'Loughlin J. Intensity and Frequency of Physical Activity and High Blood Pressure in Adolescents: A Longitudinal Study. *J Clin Hypertens* 2020; *in press*
5. *Rios-Leyvraz M, Bochud M, Benzi Schmid C, Haldimann M, Bovet P, Chiolero A. Population biomonitoring of micronutrient intakes in children using urinary spot samples. *Eur J Nutr* 2019;10.1007/s00394-019-02144-9
6. Chiolero A. Causality in public health – one word is not enough. *Am J Pub Health* 2019; 109(10): 1319-20 [editorial/commentary]
7. Abolhassani N, Santos-Eggimann B, Chiolero A, Santschi V, Echenoz Y. Readiness to accept health information and communication technologies: a population-based survey of community dwelling older adults. *Inter J Med Info* 2019; 130:103950
8. Epure AM*, Chiolero A. From detection early in life to the primordial prevention of elevated blood pressure. *J Clin Hypertens* 2019; 21:1350-1 [editorial/commentary]
9. *Outdili Z, Marti-Soller H, Bovet P, Chiolero A. Performance of blood pressure measurements at an initial screening visit for the diagnosis of hypertension in children. *J Clin Hypertens* 2019; 21(9):1352-7
- 10.*Jegerlehner S, Chiolero A, Aujesky D, Rodondi N, Germann S, Konzelmann I, Bulliard JL. Recent trends in incidence and surgery for prostate cancer: towards an attenuation of overdiagnosis and overtreatment? *Plos One* 2019; 14(2):e0210434
- 11.Chiolero A. Postmodern epidemiology: public health informed by evidence. *BMJ* 2019; 365:l2379 [letter]
- 12.Chiolero A, *Anker D. Screening interval – a public health blind spot. *Lancet Public Health* 2019; 4(4):e171-e172 [editorial/commentary]
- 13.Chiolero A. Cancer surveillance bias. *Lancet Public Health* 2019; 4(5):e219 [letter]
- 14.*Anker D, Tsuyuki R, Paradis G, Chiolero A, Santschi V. Pharmacist to improve hypertension management – guidelines concordance from North America to Europe. *Can Pharm J* 2019; 152(3):180-5.
- 15.Chiolero A. Salt intake monitoring at a population level. *J Hum Hyper* 2019; *in press* [letter]
- 16.*Rios-Leyvraz M, Bloetzer C, Chatelan A, Bochud M, Burnier M, Santschi V, Paradis G, Tabin R, Bovet P, Chiolero A. Sodium intake and blood pressure in children with clinical conditions: A systematic review with meta-analysis. *J Clin Hypertens* 2019; 2019; 21(1):118-26
- 17.*Rios-Leyvraz M, Bovet P, Bochud M, Genin B, Rousso M, Rossier MF, Tabin R, Chiolero A. Estimation of salt intake and excretion in children in one region of Switzerland: A cross-sectional study. *Eur J Nutr* 2018; *in press*
- 18.*Rios-Leyvraz, Bovet P, Chiolero A. Estimating the effect of a reduction of sodium intake in childhood on cardiovascular diseases later in life. *J Human Hyper* 2018; *in press*
- 19.Hou Y, Bovet P, Kelishadi R, Litwin M, Khadilkar A, Hong YM, Nawarycz T, Stawińska-Witoszyńska B, Aounallah-Skhiri H, Motlagh ME, Kim HS, Khadilkar V, Krzyżaniak A, Ben Romdhane H, Heshmat R, Chiplonkar S, Krzywińska-Wiewiorowska M, Ati JE, Qorbani M, Kajale N, Traissac P, Ostrowska-Nawarycz L, Ardalan G, Parthasarathy L, Yang L, Zhao M, Chiolero A, Xi B. Height-specific blood pressure cutoffs for screening elevated and high blood pressure in children and adolescents: an International Study. *Hypertens Res* 2018 Dec 26.
- 20.Wertli M, Scheuter C, Haynes AG, Panczak R, Chiolero A, Rodondi N, Aujesky D. Unwarranted regional variation in vertebroplasty and kyphoplasty in Switzerland: a population-based small area variation analysis. *Plos One* 2018; 13(12):e0208578

21. Zhang Y, Yang L, Hou Y, Zhao M, [Chiolero A](#), Bovet P, Xi B. A simple table based on height to assess elevated and high blood pressure in children. *J Hum Hyper* 2018; *in press*
22. [Chiolero A](#). Why causality, and not prediction, should guide obesity prevention policy. *Lancet Public Health* 2018; 3(10):e461-e462 [editorial/commentary]
23. Mantelli S, Tabea Jungo K, Rozsnyai Z, Reeve E, Luymes CH, Poortvliet RKE, [Chiolero A](#), Rodondi N, Gussekloo J, Streit S. How general practitioners would deprescribe in frail oldest-old with polypharmacy — The LESS Study. *BMC Family Practice* 2018, *in press*
24. *Rios-Leyvraz M, Bovet P, Tabin R, Genin B, Russo M, Rossier MF, Bochud M, [Chiolero A](#). Urine Spot Samples Can Be Used to Estimate 24-Hour Urinary Sodium Excretion in Children. *J Nutr* 2018; 148(12):1946-53
25. *Leyvraz M, Mizéhou C, Houinato D, Balde N, Damasceno A, Viswanathan B, Nyamango M, Owuor J, [Chiolero A](#), Bovet P. Dietary patterns, knowledge, attitudes and practices related to salt in urban areas in five Sub-Saharan African countries. *Nutrients* 2018; 10(8). pii: E1028.
26. *Epure A, Leyvraz M, Mivelaz Y, Di Bernardo S, da Costa BR, [Chiolero A](#), Sekarski N. Risk factors and determinants of carotid intima-media thickness in children: protocol for a systematic review and meta-analysis. *BMJ Open* 2018;8(6):e019644
27. *Leyvraz M, Chatelan A, da Costa BR, Taffé P, Paradis G, Tabin R, Bovet P, Bochud M, [Chiolero A](#). Sodium intake and blood pressure in children and adolescents: A systematic review and meta-analysis of experimental and observational studies. *Int J Epidemiol* 2018; *in press*
28. Bovet P, [Chiolero A](#). Prevalence and control of hypertension. *Lancet* 2018; 392(10155):1305-06 [letter]
29. *Anker D, Santos-Eggimann B, Santschi V, Streit S, Rodondi N, [Chiolero A](#). Screening for hypertension in older adults: less is more? *Public Health Reviews* 2018; 39:26
30. *Bruder C, Bulliard JL, Simon G, Konzelmann I, Bochud M, Leyvraz M, [Chiolero A](#). Estimating lifetime risk and 10-year risk of lung cancer in a Swiss population. *Prev Med Rep.* 2018; 11:125-30.
31. *Anker D, Santschi V, [Chiolero A](#). Self-reported hypertension as a public health surveillance tool: don't throw out the baby with the bathwater. *J Clin Hyper* 2018; *in press* [letter]
32. [Chiolero A](#). Data are not enough – Hurray for causality! *Am J Pub Health* 2018;105:622 [editorial/commentary]
33. *Leyvraz M, Wahlen R, Bloetzer C, Paradis G, Bovet P, [Chiolero A](#). Persistence of Elevated Blood Pressure during Childhood and Adolescence: A School-Based Multiple Cohorts Study. *J of Hyper* 2018; *in press*
34. Di Bernardo S, Mivelaz Y, *Epure A, Vial Y, Simeoni U, Bovet P, Estoppey S, [Chiolero A](#), Sekarski N on behalf of MySweetHeart Research Group. Assessing the consequences of gestational diabetes mellitus on offspring's cardiovascular health: MySweetHeart Cohort study protocol, Switzerland. *BMJ Open* 2017;7(11):e016972
35. Dratva J, Stronski S, [Chiolero A](#). Towards a national child and adolescent health strategy in Switzerland: strengthening surveillance to improve prevention and care. *Int J Public Health.* 2018; 63(2):159-161 [editorial/commentary]
36. *Jegerlehner S, Bulliard JL, Aujesky D, Rodondi N, Germann S, Konzelmann I, [Chiolero A](#). Overdiagnosis and overtreatment of thyroid cancer: evidence from a population-based temporal trend study. *PLoS ONE* 2017 12(6): e0179387.
37. Bovet P, [Chiolero A](#), Gedeon J. Global and national estimated of overweight and obesity. *NEJM* 2017; 377(15):1495-6 [letter]
38. [Chiolero A](#), Bovet P. Hypertension in children: from screening to primordial prevention. *Lancet Public Health* 2017; e346-47 [editorial]
39. [Chiolero A](#), Santschi V. Electronic monitoring to diagnose and treat drug non-adherence. *J Hypertens* 2017; 35(11):2325-26 [letter]
40. Santschi V, Wurzner G, [Chiolero A](#), Burnand B, Schaller P, Cloutier L, Paradis G, Burnier M. Team-Based Care for improving Hypertension control among outpatients (TBC-HTA): study protocol for a pragmatic randomized controlled trial. *BMC Cardiovasc Dis* 2017;17(1):39.
41. Verloo H, [Chiolero A](#), Kiszio B, Kappel T, Santschi V. Nurse interventions to improve medication adherence among discharged older adults: a systematic review. *Age Ageing* 2017;46(5):747-54.
42. *Roulet C, Bovet P, Brauchli T, Simeoni U, Xi B, Santschi V, Paradis G, [Chiolero A](#). Secular trends in blood pressure in children: a systematic review. *J Clinical Hyper* 2017;19:488-97
43. *Leyvraz M, Santschi V, [Chiolero A](#). What systematic review brings to the field of hypertension? *J Hypertens* 2017; 35:240-42 [editorial/commentary]
44. *Bloetzer C, Bovet P, Paccaud F, Burnier M, [Chiolero A](#). Performance of targeted screening for the identification of hypertension in children. *Blood Press* 2017; 26(2):87-9.

45. Li S, Meng L, Ma C, [Chiolero A](#), Xi B. Trends in smoking prevalence in China and attributable mortality risk. *Prev Med* 2016; 93:82-7.
46. *Leyvraz M, Taffé P, Chatelan A, Paradis G, Tabin R, Bovet P, Bochud M, [Chiolero A](#). Sodium intake and blood pressure in children and adolescents: Protocol for a systematic review and meta-analysis. *BMJ Open* 2016; 6(9):e012518.
47. *Leyvraz M, Bovet P, [Chiolero A](#). Elevated blood pressure is not equal to hypertension. *Blood Press Monit* 2016; 21(5):316-7. [letter]
48. Mivelaz Y, Di Bernardo D, Boulos Ksontini T, Prsa M, Vial Y, [Chiolero A](#), Sekarski N. Feasibility and reliability of carotid intima-media thickness measurements in infancy. *J Hyper* 2016; 34(11):2227-32.
49. *Leyvraz M, Bloetzer C, Bovet P, Suris JC, Simeoni U, Paradis G, [Chiolero A](#). Dépistage des facteurs de risque cardiovasculaire chez les enfants: less is more? *Swiss Med Forum* 2016; 2016;16(42):883-6.
50. Xi B, Zong X, [Chiolero A](#), Kim HS, Zhang T, Zhao M, Hong YM, Bovet P. Recent blood pressure trends in adolescents from China, Korea, Seychelles and the USA, 1997-2012. *J Hyper* 2016; 34(10):1948-58.
51. [Chiolero A](#). Counterfactual and interventionist approach to cure risk factor epidemiology. *Int J Epidemiol* 2016; 45(6):2202-03 [letter]
52. Xi B, Zong X, Kelishadi R, Hong YM, Khadiikar A, Steffen LM, Nawarycz T, Krzywińska-Wiewiorowska M, Aounallah-Skhiri H, Bovet P, [Chiolero A](#), Pan H, Litwin M, Poh BK, Sung RY, So HK, Schwandt P, Haas GM, Neuhauser HK, Marinov L, Galcheva SV, Motlagh ME, Kim HS, Khadiikar V, Krzyżaniak A, Romdhane HB, Heshmat R, Chiplonkar S, Stawińska-Witoszyńska B, El Ati J, Qorbani M, Kajale N, Traissac P, Ostrowska-Nawarycz L, Ardalan G, Parthasarathy L, Zhao M, Zhang T; International Child Blood Pressure References Establishment Consortium.. Establishing international blood pressure references among non-overweight children and adolescents aged 6-17 years. *Circulation* 2016; 133(4):398-408.
53. *Bloetzer C, [Chiolero A](#). Cardiovascular risk among hypertensive adolescents and the potential benefits of a screen-and-treat strategy. *Pediatr Nephrol* 2016; 31:349-51. [editorial]
54. [Chiolero A](#), Burnier M, Sanstchi V. Improving treatment satisfaction to improve adherence? *J Hum Hyper* 2016; 30(5):295-6. [editorial/commentary]
55. [Chiolero A](#), Paradis G, Paccaud F. The pseudo-high risk prevention strategy. *Int J Epidemiol* 2015; 44(5):1469-73
56. *Bloetzer C, Bovet P, Suris JC, Simeoni U, Paradis G, [Chiolero A](#). Screening for cardiovascular risk factors beginning in childhood. *Public Health Reviews* 2015; 36:9.
57. Bulliard JL, [Chiolero A](#). Screening and overdiagnosis: public health implications. *Public Health Review* 2015; 36:8.
58. Campos V, Despland C, Brandejsky V, Kreis R, Schneiter P, [Chiolero A](#), Boesch C, Tappy L. Sugar- and artificially sweetened beverages and intrahepatic fat: A randomized controlled trial. *Obesity* 2015; 23(12):2335-9.
59. *Bloetzer C, Paccaud F, Burnier M, Bovet P, [Chiolero A](#). Performance of parental history for the targeted screening of hypertension in children. *J Hypertens* 2015; 33(6):1167-73 [1st author awarded by the *Fondation de médecine sociale et préventive* for this work]
60. [Chiolero A](#), Bovet P, Paradis G. Controversy about hypertension screening in children: a public health perspective. *J of Hypertens* 2015; 33(7):1352-55. [editorial/commentary]
61. [Chiolero A](#). Beyond vague causal effect estimations of obesity on health outcomes. *Epidemiology* 2015; 26(2):163-4. [letter]
62. Bovet P, [Chiolero A](#), Paccaud F, Slama S, Banatvala N. Screening for cardiovascular disease risk and management in low and middle income countries: challenges and opportunities. *Public Health Review* 2015; 36:13.
63. [Chiolero A](#), Paccaud F, Aujesky D, Santschi V, Rodondi N. How to prevent overdiagnosis? *Swiss Med Weekly* 2015; 145:w14060.
64. [Chiolero A](#). Adiposity indicators and blood pressure in children: nothing beyond body mass index? *J Human Hyper* 2015; 29:211-2. [editorial/commentary]
65. [Chiolero A](#). Risk factors (predictive) medicine as a driver of fear and overdiagnosis. *BMJ* 2014; 349:g7078. [letter]
66. *Outdili Z, Marti-Soler H, Simonetti G, Bovet P, Paccaud F, Burnier M, Paradis G, [Chiolero A](#). Performance of blood pressure to height ratio at a single screening visit for the identification of hypertension in children. *J Hypertens* 2014; 32(5):1068-74.
67. Santschi V, Wurzner G, [Chiolero A](#). Blood pressure monitoring through pharmacies and team-based care of hypertension. *Blood Press Monit* 2014;19(6):371 [letter]

68. [Chiolero A](#), Rodondi N. Lessons from the Swiss Medical Board recommendation against mammography screening programs. *JAMA Int Med* 2014; 174(10):1541-2. [editorial/commentary]
69. Kakinami L, Henderson M, [Chiolero A](#), Cole TJ, Paradis G. Identifying the best body mass index metric to assess adiposity change in children. *Arch Dis Childhood* 2014; 99(11):1020-4.
70. [Chiolero A](#), Kaufman JS. Metabolic mediators of body-mass index and cardiovascular risk. *Lancet* 2014; 383:2014-5. [letter]
71. [Chiolero A](#), Bovet P, Stergiou GS. Automated oscillometric blood pressure measurement in children. *J Clin Hyper* 2014; 16(6):468. [letter]
72. Roh L, Braun J, [Chiolero A](#), Bopp M, Rohmann S, Faeh D. Mortality risk associated with underweight: a census-linked cohort of 31,578 individuals with up to 32 years of follow-up. *BMC Public Health* 2014; 14(1):371.
73. [Chiolero A](#), Paccaud F, Fornerod L. Comment faire de la surveillance sanitaire ? L'exemple de l'Observatoire valaisan de la santé en Suisse. *Santé Publique* 2014; 26(1):75-84.
74. Santschi V, [Chiolero A](#), Colosimo A, Platt R, Taffé P, Burnier M, Burnand B, Paradis G. Improving Blood Pressure Control through Pharmacist Interventions: a Meta-analysis of Randomized Controlled Trials. *JAMA* 2014; 3(2):e000718.
75. [Chiolero A](#), Paradis G, Kaufman JS. Re: "Assessing the possible direct effect of birth weight on childhood blood pressure: a sensitivity analysis". The authors reply. *Am J Epidemiol*. 2014;179(9):1146.
76. [Chiolero A](#), Paradis G, Kaufman JS. Assessing the possible direct effect of birth weight on childhood blood pressure: a sensitivity analysis. *Am J Epidemiol* 2014; 179(1):4-11. [Elected by the American Journal of Epidemiology and the Society for Epidemiologic Research (SER) among the 10 top articles of the year]
77. [Chiolero A](#). The quest for blood pressure reference values in children. *J Hypertens* 2014; 32(3):477-9. [editorial/commentary]
78. Faeh D, Roh L, Paccaud F, [Chiolero A](#). Mortality risk of obesity and underweight is overestimated with self-reported body mass index. *Epidemiology* 2014; 25(1):156-158.
79. [Chiolero A](#). Big data in epidemiology: too big to fail? *Epidemiology* 2013; 24(6):938-939. [letter]
80. [Chiolero A](#), Paradis G, Rich B, Hanley JA. Assessing the relationship between the baseline value of a continuous variable and subsequent change over time. *Front Public Health* 2013; 1:29
81. [Chiolero A](#), Paradis G, Simonetti GD, Bovet P. Absolute height-specific thresholds to identify elevated blood pressure in children. *J Hypertens* 2013; 31(6):1170-1174.
82. [Chiolero A](#), Santschi V, Paccaud F. Public health surveillance with electronic medical records: at risk of surveillance bias and overdiagnosis. *Eur J Pub Health* 2013; 23:350-351. [editorial]
83. [Chiolero A](#). Reliability of waist circumference measurement and regression dilution bias. *Am J Epidemiol* 2013; 177(8):862. [letter]
84. [Chiolero A](#), Paccaud F, Aujesky D, Santschi V, Rodondi N. Causes et prévention du surdiagnostic. *Forum Med Suisse* 2013; 13(2930):566-570.
85. [Chiolero A](#), Bovet P, Paradis G. Screening for elevated blood pressure in children: A critical appraisal. *JAMA Pediatrics* 2013; 167(3):266-273.
86. [Chiolero A](#), Bovet P, Burnier M. Oscillometric blood pressure reference values in children. *J Hypertens* 2013; 31(2):426. [letter]
87. [Chiolero A](#), Paradis G. User-friendly tools to identify elevated blood pressure in children. *Paediatr Child Health* 2013; 18(2):63-64. [editorial/commentary]
88. [Chiolero A](#), Paradis G, Maximova K, Burnier M, Bovet P. No use for waist-for-height ratio in addition to body mass index to identify children with elevated blood pressure. *Blood Pressure* 2013; 22:17-20.
89. [Chiolero A](#), Paccaud F. Prediabetes and the risk of diabetes. *Lancet* 2012; 380(9849): 1225. [letter]
90. Bovet P, Paccaud F, [Chiolero A](#). Socio-economic status and obesity in children in Africa. *Obes Rev* 2012; 13(11):1080. [letter]
91. [Chiolero A](#). There is nothing personal. *Arch Int Med* 2012; 172(21):1691-1692. [letter]
92. Santschi V, [Chiolero A](#), Paradis G, Colosimo AL, Burnand B. Pharmacist interventions to improve cardiovascular disease risk factors in diabetes: a systematic review and meta-analysis of randomized controlled trials. *Diabetes Care* 2012; 35:2706-2717.
93. [Chiolero A](#), Santschi V, Burnand B, Platt RW, Paradis G. Meta-analyses: with confidence or prediction intervals? *Eur J Epidemiol* 2012; 27:823-825. [original research letter]
94. [Chiolero A](#), Paradis G, Bovet P. Which period of growth is determinant for blood pressure? *Hypertension* 2012; 60(2):e10. [letter]

95. Chiolero A, Kaufman J, Paradis G. Why adjustment for current weight can bias the estimate of the effect of birth weight on blood pressure: shedding light using causal graphs. *J Hypertens* 2012; 5:1042-1045.
96. Santschi V, Chiolero A, Burnand B, Colosimo AL, Paradis G. Impact of pharmacist care in the management of cardiovascular disease risk factors: a systematic review and meta-analysis of randomized trials. *Arch Int Med* 2011; 171(16):1-13.
97. Chiolero A, Paradis G, Madeleine G, Hanley JA, Paccaud F, Bovet P. Birth weight, weight change, and blood pressure in children and adolescents: a school-based multiple cohorts study. *J Hypertens* 2011; 29(10):1871-1879.
98. Maximova K, Chiolero A, O'Loughlin J, Tremblay A, Lambert M, Paradis G. Ability of different adiposity indicators to identify children with elevated blood pressure. *J Hypertens* 2011; 29(11):2075-2083.
99. *Christofaro DG, Dias RM, Chiolero A, Fernandes RA, Casonatto J, de Oliveira AR. High blood pressure and physical activity in Brazilian normal-weight and obese adolescents. *Scand J Med Sci Sports* 2011; doi: 10.1111/j.1600-0838.2011.01382.x.
100. Bovet P, Kizirian N, Madeleine G, Blössner M, Chiolero A. Prevalence of thinness in children and adolescents in the Seychelles: comparison of two international growth references. *Nutr J* 2011; 10:65.
101. Paradis G, Chiolero A. The Cardiovascular and Chronic Diseases Epidemic in Low- and Middle-Income Countries. A Global Health Challenge. *J Am Coll Cardiol* 2011; 57: 1775-77. [editorial/commentary]
102. *Clair C, Chiolero A, Faeh D, Cornuz J, Marques-Vidal P, Paccaud F, Mooser V, Waeber G, Vollenweider P. Dose-dependent positive Association between Cigarette Smoking and Abdominal Obesity in a general Swiss Population. *BMC Public Health* 2011; 11(1):23.
103. Hutcheon JA, Chiolero A, Hanley JA. Random measurement error and regression dilution bias. *BMJ* 2010; 2010; 340:1402-1406.
104. Chiolero A, Paradis G, Lambert M. Accuracy of oscillometric devices in children and adults. *Blood Press* 2010; 19(4):254-259.
105. Bize R, *Willi C, Chiolero A, Stoianov R, Payot S, Cornuz J. A population-based physical activity program as an aid for smoking cessation: A randomized controlled trial. *Tobacco Control* 2010; 19(6):488-494.
106. Paradis G, Tremblay M, Janssen I, Chiolero A, Bushnik T. Blood Pressure in Canadian Children and Adolescents. *Health Report* 2010; 21(2):15-22.
107. Marques-Vidal PM, Bovet P, Paccaud F, Chiolero A. Changes of overweight and obesity in the adult Swiss population according to educational level, from 1992 to 2007. *BMC Public Health* 2010; 10:87.
108. Chiolero A. Adult maternal body size matters. *Int J Epidemiol* 2010; 39(6):681 [letter].
109. Bovet P, Chiolero A, Madeleine G, Paccaud F. Prevalence of overweight and underweight in public and private schools in the Seychelles. *Int J Ped Obes* 2010; 5(3):274-278.
110. Chiolero A, Paccaud F. An obesity epidemic booga booga? *Eur J Pub Health* 2009; 19(6):568-569.
111. Santschi V, Chiolero A, Burnier M. Electronic monitoring: a tool to make rational decisions to improve blood pressure control. *J Hypertens* 2009; 27:2294-2295 [letter].
112. Chiolero A, Paradis G, Madeleine G, Hanley J, Paccaud F, Bovet P. Discordant secular trends in elevated blood pressure and obesity in children and adolescents in a rapidly developing country. *Circulation* 2009; 119(4):558-565.
113. Chiolero A, Bovet P, Paradis G. Assessing blood pressure trends in children. *J Hum Hyper* 2009; 23(6):426-427. [editorial]
114. Lambert M, O'Loughlin J, Delvin EE, Levy E, Chiolero A, Paradis G. Influence of leptin, adiponectin and insulin on blood pressure in a population-based sample of youth. *J Hypertens* 2009; 27(5):1025-1032.
115. Bovet P, Chiolero A, Paccaud F. Physical activity and weight loss. *Prev Med* 2009; 48:401. [letter]
116. Chiolero A, Paccaud F, Bovet P. Upward Hypertension Trends: Changes in Blood Pressure or in Antihypertensive Treatment? *Hypertension* 2009; 53(3):e22. [letter]
117. *Nanchen D, Chiolero A, Cornuz J, Marques-Vidal P, Firmann M, Mooser V, Paccaud F, Waeber G, Vollenweider P, Rodondi N. Cardiovascular Risk Estimation and Eligibility for Statins in Primary Prevention Comparing Different Strategies. *Am J Car* 2009; 103(8):1089-1095.
118. *Danon-Hersch N, Marques-Vidal P, Bovet P, Chiolero A, Paccaud F, Pécoud A, Hayoz D, Mooser V, Waeber G, Vollenweider P. Prevalence, awareness, treatment, and control of

- hypertension in a Swiss general population: The CoLaus Study. *Eur J Cardio Prev Rehab* 2009; 16(1):66-72.
119. Marques-Vidal P, Rodondi N, Bochud M, Chiolero A, Pécoud A, Hayoz D, Paccaud F, Mooser V, Firmann M, Vollenweider P. Predictive accuracy of original and recalibrated Framingham risk score in the Swiss population. *Int J Cardiol* 2009; 17;133(3):346-353.
 120. Chiolero A, Maximova K, Paradis G. Changes in body mass index: an important metric for obesity prevention. *Pediatrics* 2008; 122:683. [letter]
 121. Bovet P, Chiolero A, Shamlaye C, Paccaud F. Prevalence of overweight in Seychelles: 15-year trends and association with socio-economic status. *Obes Rev*; 2008; 9:511-517.
 122. Chiolero A, Peytremann-Bridevaux I, Paccaud F. Biased associations with self-reported body-mass index. *Obes Rev* 2008; 9:503. [original research letter]
 123. Marques-Vidal P, Chiolero A, Paccaud F. Large differences in the prevalence of normal weight obesity using various cut-offs for excess body fat. *e-SPEN* 2008; e159-2.
 124. Chiolero A, Prior J, Bovet P, Masson JC, Darioli R. Expectation to improve cardiovascular risk factors control in participants to a health promotion program. *J Gen Intern Med* 2008; 23(5):615-618.
 125. Chiolero A, Paccaud F, Burnier M, Bovet P. Prevalence of hypertension in school children. *J Hypertens* 2008; 3:611-612. [letter]
 126. Faeh D, Marques-Vidal P, Chiolero A, Bopp M. Obesity in Switzerland: do estimates depend on how body mass index has been assessed? *Swiss Med Weekly* 2008; 138:204-210.
 127. Chiolero A, Witteman JC, Viswanathan B, Fostel J, Bovet P. No further decrease in blood pressure when the interval between readings exceeds one hour. *Blood Press Monit* 2008; 13(2):85-89.
 128. Bochud M, Chiolero A, Elston RC, Paccaud F. A cautionary note on the use of Mendelian randomization to infer causation in observational epidemiology. *Int J Epidemiol* 2008; 37(2):414-416. [original research letter]
 129. Chiolero A, Faeh D, Paccaud F, Cornuz J. Consequences of smoking on body weight, body fat distribution, and insulin resistance. *Am J Clin Nutr* 2008; 87:801-809.
 130. Bovet P, Chiolero A, Burnier M, Paccaud F. Need to clarify when measurements should be made during the day for home blood pressure monitoring. *J Hypertens* 2008; 26(1):154-155. [letter]
 131. Chiolero A, Bovet P, Paradis G, Paccaud F. Has blood pressure increased in children in response to the obesity epidemic? *Pediatrics* 2007; 119:544-553.
 132. Chiolero A, Cachat F, Burnier M, Paccaud F, Bovet P. Prevalence of hypertension in schoolchildren based on repeated measurements and association with overweight. *J Hypertens* 2007; 25(11):2209-2217.
 133. *Lasserre AM, Chiolero A, Cachat F, Paccaud F, Bovet P. Overweight in Swiss children and associations with children's and parents' characteristics. *Obesity* 2007; 15:2912-2919.
 134. Bochud M, Chiolero A, Paccaud F. Nonvalidation of reported genetic risk factors for acute coronary syndrome. *JAMA* 2007; 298(15):1757-1758. [letter]
 135. *Danon N, Chiolero A, Paccaud F, Bovet P. Decreasing relationship between body mass index and blood pressure over time. *Epidemiology* 2007; 18:493-500.
 136. Chiolero A, Paccaud F, Bovet P. Pre-hypertension and hypertension among adolescents of Switzerland. *J Pediatr.* 2007; 151(6): e24-25. [letter]
 137. Chiolero A, Bovet P. Self-measurement of blood pressure: promising but some issues are unanswered yet. *J Hum Hypertens* 2007; 21:697-698. [letter]
 138. Chiolero A, Peytremann-Bridevaux I, Paccaud F. Associations between obesity and health conditions may be overestimated if self-reported body mass index is used. *Obes Rev* 2007; 8:373-374.
 139. Chiolero A, Jacot-Sadowski I, Faeh D, Paccaud F, Cornuz J. Association of cigarettes daily smoked with obesity in a general European adult population. *Obesity* 2007; 15:1311-1318.
 140. *Lasserre AM, Chiolero A, Paccaud F, Bovet P. Worldwide trends in childhood obesity. *Swiss Med Wkly.* 2007; 137:157-158.
 141. Chiolero A, Madeleine G, Gabriel A, Burnier M, Paccaud F, Bovet P. Prevalence of elevated blood pressure and association with overweight in children in a rapidly developing country. *J of Hum Hyper* 2007; 21:120-127.
 142. Chiolero A, Wietlisbach V, Ruffieux R, Paccaud F, Cornuz J. Clustering of risk behaviors with level of cigarette consumption: a population-based survey. *Prev Med* 2006; 348-353.

143. Bovet P, Chiolero A, Madeleine G, Gedeon A, Stettler N. Marked increase in the prevalence of obesity in children of the Seychelles (Indian Ocean), 1998-2004. *Int J Ped Obes* 2006; 2:120-128.
144. Chiolero A, Gervasoni JP, Rwebogora A, Balampama M, Paccaud A, Bovet P. Difference in blood pressure readings with mercury and automated devices: impact on high blood pressure prevalence estimates in Dar Es Salaam, Tanzania. *Eur J Epidemiol* 2006; 21(6):427-433.
145. Faeh D, Viswanathan B, Chiolero A, Warren W, Bovet P. Smoking, alcohol drinking and cannabis use in adolescents in Seychelles (Indian Ocean), a country in rapid transition. *BMC Public Health* 2006; 6(1):169.
146. Faeh D, Chiolero A, Paccaud F. Should we care about homocysteine? *Swiss Med Wkly* 2006; 136:745-756.
147. Chiolero A, Bovet P, Paccaud F. Association between maternal smoking and low birth weight in Switzerland: the EDEN study. *Swiss Med Wkly* 2005; 135:525-530
148. Wurznner G, Chiolero A, Maillard M, Nussberger J, Brunner H.-R, Burnier M. Prevention of renal sodium retention induced by lower body negative pressure in men using the selective beta-blocker metoprolol *Kidney Int* 2005; 68:688-694.
149. Chiolero A. Arteriolar narrowing as predictor of hypertension: Blood pressure and weight gain are better. *BMJ* 2004; 329:514 [letter]
150. Bankir L, Sellin F, Chiolero A, Maillard M, Burnier M. Effet d'un excès de poids sur les variations de nyctémérales de la pression artérielles, de la fonction rénale, et de l'excrétion sodée chez des patients hypertendus. *Arch Mal Coeur Vaiss* 2004; 97:777-781.
151. Chiolero A, Gervasoni J.-P, Rwebogora A, Mashombo M, Waeber B, Paccaud F, Burnier M, Bovet P. Discordant prevalence of hypertension using two automated blood pressure measurement devices: a population-based study in Dar es Salaam (Tanzania). *Blood Press Monit* 2004; 9:59-64.
152. Zanchi A, Chiolero A, Maillard M, Nussberger J, Brunner H.-R, Burnier M. Effects of the PPAR-g agonist pioglitazone on renal and hormonal responses to salt in healthy men. *J Clin Endocrinol Metab* 2004; 9:1140-1145.
153. Wurznner G, Chiolero A, Maillard M, Nussberger J, Brunner HR, Burnier M. Angiotensin II receptor blockade prevents acute renal sodium retention induced by low levels of orthostatic stress. *Kidney Int* 2004; 65:238-244.
154. Chiolero A, Schmid H. Repeated self-reported injuries and substance use among young adolescents: The case of Switzerland. *Soz Praventivmed* 2002; 5:289-297.
155. Chiolero A, Maillard M, Burnier M. Cardiovascular hazard of selective COX-2 inhibitors: myth or reality ? *Expert Opin Drug Saf* 2002; 1:45-52.
156. Wurznner G, Gerster J.-C, Chiolero A, Maillard M, Fallab-Stubi C.-L, Brunner H.-R, Burnier M. Comparative effects of losartan and irbesartan on serum uric acid in hypertensive patients with hyperuricaemia and gout. *J Hypertens* 2001; 19:1855-1860.
157. Chiolero A, Würznner G, Burnier M. Renal determinants of the salt sensitivity of blood pressure. *Nephrol Dial Transplant* 2001; 16:452-8.
158. Wurznner G, Chiolero A, Maillard M, Nussberger J, Hayoz D, Brunner HR, Burnier M. Renal and neurohormonal responses to increasing levels of lower body negative pressure in men. *Kidney Int* 2001; 60:1469-76.
159. Burnier M, Schneider MP, Chiolero A, Fallab-Stubi C.-L, Brunner HR. Electronic compliance monitoring in resistant hypertension : the basis for rational therapeutics. *J Hypertens* 2001; 19:335-341.
160. Chiolero A, Schmid H. Morbidité accidentelle à l'adolescence : une étude représentative auprès des écoliers de 12 à 15 ans en Suisse. *Schweiz Med Wochenschr* 2000; 130:1285-1290.
161. Burnier M, Monod ML, Chiolero A, Maillard M, Nussberger J, Brunner H.-R. Renal sodium handling in acute and chronic salt loading/depletion protocols: the confounding influence of acute water loading. *J Hypertens* 2000; 18:1657-1664.
162. Chiolero A, Maillard M, Nussberger J, Brunner HR, Burnier M. Proximal sodium reabsorption : an independent determinant of the blood pressure response to salt. *Hypertension* 2000; 36:631-637.
163. Chiolero A, Burnier M. Pharmacology of valsartan, an angiotensin II receptor antagonist. *Exp Opin Invest Drugs* 1998; 7:1915-1925.

Submitted

1. *Paccaud Y, Rios-Leyvraz M, Bochud M, Tabin R, Chiolero A, Parvex P. Spot urine samples to estimate 24-hour urinary calcium excretion in school-age Children. *Submitted*
2. *Anker D, Santos-Eggimann, Zwahlen M, Santschi V, Rodondi N, Wolfson C, Chiolero A. Blood pressure control and complex health conditions in older adults : impact of recent hypertension management guidelines. *Submitted*
3. Stoler N, Haynes A, Chiolero A, Rodondi N, Aujesky D. Regional variation of hysterectomy for benign uterine diseases in Switzerland: A population-based small area analysis. *Submitted*
4. Zumbrunn B, Weber P, Wertli MM, Haynes A, Panczak R, Chiolero A, Rodondi R, Aujesky D. Unwarranted regional variation in prostatectomy in Switzerland: A population-based small area variation analysis. *Submitted*
5. Moutzouri E, Adam L, Feller M, De la Costa B, Syrogiannouli L, Chiolero A, Aujesky D, Ioannidis JPA, Rodondi N. Reporting of co-interventions and quality of blinding in recent cardiovascular clinical trials : a systematic review. *Submitted*

PhD thesis

Chiolero A. Blood pressure in children and adolescents: population secular trends and cohort analyses. Department of Epidemiology & Biostatistics, McGill University, Montreal, Canada; 2011. Supervisor: Gilles Paradis. http://digitool.library.mcgill.ca/dtl_publish/10/104574.html

Publications in peer-reviewed scientific journals as collaborator (N=13)

1. NCD Risk Factor Collaboration (NCD-RisC). Rising rural body-mass index is the main driver of the global obesity epidemic. *Nature* 2019; 569(7755):260-4 [group authorship]
2. Horsch A, Gilbert L, Lanzi S, Gross J, Kayser B, Vial Y, Simeoni U, Hans D, Berney A, Scholz U, Barakat R, Puder JJ; MySweetHeart Research Group. Improving cardiometabolic and mental shealth in women with gestational diabetes mellitus and their offspring: study protocol for MySweetHeart Trial, a randomised controlled trial. *BMJ Open* 2018; 8(2):e020462 [collaborator]
3. NCD Risk Factor Collaboration (NCD-RisC). Contributions of mean and shape of blood pressure distribution to global trends and variations in raised blood pressure: a pooled analysis of 1,015 population-based measurement studies with 88.9 million participants. *Int J Epidemiol* 2018; in press [group authorship]
4. CONCORD Working Group. Global surveillance of trends in cancer survival 2000-14 (CONCORD-3): analysis of individual records for 37 513 025 patients diagnosed with one of 18 cancers from 322 population-based registries in 71 countries. *Lancet* 2018; 391(10125):1023-75 [group authorship]
5. Horsch A, et a. on behalf of MySweetHeart Research Group. Improving cardio-metabolic and mental health in women with gestational diabetes mellitus and their offspring: Study protocol for MySweetHeart Trial, a randomized controlled trial. *BMJ Open* 2018;8:e020462 [group authorship]
6. NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in children's and adolescents' body mass index, underweight, overweight and obesity, in comparison with adults, from 1975 to 2016: a pooled analysis of 2,416 population-based measurement studies with 128.9 million participants. *Lancet*. 2017 Oct 10. pii: S0140-6736(17)32129-3 [group authorship]
7. Matz M, Coleman MP, Sant M, Chirlaque MD, Visser O, Gore M, Allemani C; & the CONCORD Working Group. The histology of ovarian cancer: worldwide distribution and implications for international survival comparisons (CONCORD-2). *Gynecol Oncol* 2017; 144(2):405-13. [group authorship]
8. Matz M, Coleman MP, Carreira H, Salmerón D, Chirlaque MD, Allemani C; CONCORD Working Group. Worldwide comparison of ovarian cancer survival: Histological group and stage at diagnosis (CONCORD-2). *Gynecol Oncol* 2017; 144(2):396-404. [group authorship]
9. NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in children and adolescents body mass index, underweight and obesity from 1975 to 2016: a pooled analysis of 2,230 population-based measurement studies with 37.6 million participants. *Lancet* 2017; 390(10113):2627-42 [group authorship]

10. CONCORD Working Group. Worldwide comparison of survival from childhood leukaemia for 1995-2009, by subtype, age, and sex (CONCORD-2): a population-based study of individual data for 89 828 children from 198 registries in 53 countries. *Lancet Haematol* 2017; 4(5):e202-e217 [group authorship]
11. NCD Risk Factor Collaboration (NCD-RisC). A century of trends in adult human height. *eLife* 2016; pii: e13410. [group authorship]
12. NCD Risk Factor Collaboration (NCD-RisC). Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19.2 million participants. *Lancet* 2016; 387(10026):1377-96. [group authorship]
13. CONCORD Working Group. Global surveillance of cancer survival 1995-2009: analysis of individual data for 25,676,887 patients from 279 population-based registries in 67 countries (CONCORD-2). *Lancet* 2015; 385(9972):977-1010. [group authorship]

Publications in non-peer-reviewed journals (N=31)

1. *Anker D, Chiolero A, Tsuyuki R, Paradis G, Santschi V. Impliquer le pharmacien dans la prise en charge de l'hypertension: concordance des recommandations internationales. *PharmaJournal* 2019 ; 11
2. Gloor V, Ambord C, Lehky Hagen M, Fornerod L, Chiolero A. Comment évaluer l'activité des médecins? *Bulletin des médecins suisses* 2016; 97(12-13):456-459.
3. Sansonnens J, Fornerod L, Chiolero A. Comment interpréter les indicateurs de mortalité intra-hospitalière? *Bulletin des médecins suisses* 2015; 96(16):573-575.
4. Konzelmann I, Anchisi S, Bettschart V, Bulliard JL, Chiolero A. Epidémiologie et prise en charge du cancer colorectal : une étude de population en Valais. *Bulletin suisse du cancer* 2013; 4:302-306.
5. Chiolero A. Obésité infantile: quels risques pour la santé à l'âge adulte? *Rev Méd Suisse* 2013; 376:533.
6. *Bloetzer C, Chiolero A. Augmenter l'activité physique chez l'enfant : rien ne sert de faire courir? *Rev Méd Suisse* 2012; 367:2460.
7. Santschi V, Wuerzner G, Chiolero A, Burnand B, Paradis G, Burnier M. Améliorer la prise en charge de l'hypertension artérielle en favorisant la collaboration avec les pharmaciens et les infirmières. *Rev Méd Suisse* 2012; 8:1694-1698.
8. Santschi V, Chiolero A, Burnand B, Colosimo AL, Paradis G. Mieux contrôler les facteurs de risque des maladies cardiovasculaires grâce au pharmacien. *pharmaJournal* 2012 ; 6 :17-18.
9. Chiolero A, Fornerod L. L'Observatoire valaisan de la santé: un outil d'information sanitaire pour tous les acteurs de la santé et la population. *Caduceus express* 2012; 14(2).
10. Chiolero A, Nydegger A, Peytremann Bridevaux I, Barazzoni FT, Ghirlanda AT. Come curare l'obesità nei bambini: revisione Cochrane per il medico di famiglia. *Tribuna medica ticinese* 2011;76(5):229-231.
11. Chiolero A, Nydegger A, Peytremann Bridevaux I. Comment traiter l'obésité chez l'enfant? *Médecine & Enfance*. 2011;31(2):71-72.
12. *Nanchen D, Chiolero A, Marques-Vidal PM, Cornuz J, Waeber G, Vollenweider P, Rodondi N. Prescription de statine en prévention primaire : quel score de risque cardiovasculaire faut-il utiliser en Suisse. *Rev Méd Suisse* 2010; 6:488-493.
13. Chiolero A, Nydegger A, Peytremann-Bridevaux I. Comment traiter l'obésité chez les enfants ? *Rev Méd Suisse* 2009; 5:2528.
14. Chiolero A, Burnier M, Paradis G, Paccaud F, Bovet P. Mesure de la pression artérielle et dépistage de l'hypertension chez l'enfant. *Rev Méd Suisse* 2008; 4:1904-1909.
15. Bovet P, Chiolero A, Paccaud F. Surpoids chez les enfants et les adolescents: épidémiologie et prévention. *Rev Méd Suisse* 2008;4:650-656.
16. Chiolero A, *Lasserre AM, Paccaud F, Bovet P. Obésité chez les enfants : définition, prévalence et conséquences. *Revue Méd Suisse* 2007;3:1262-1269.
17. Bovet P, Chiolero A, Paccaud F. Des vertus de la palpation. *Paediatrica* 2007; 18:71.
18. Bovet P, Chiolero A, Paccaud F. Utilité d'inclure des critères de validité externe dans des normes nationales pour la définition de la surcharge pondérale de l'enfant et de l'adolescent. *Paediatrica* 2007; 18(3):68-69.
19. Chiolero A, Würzner G, Burnier M. Un régime riche en sel est-il une cause de mort précoce? *Cardiovasc* 2003; 4:29-34.

20. Chiolero A, Bovet P, Burnier M. Amerikanische und Europäische Hypertonie-Richtlinien. Welche Auswirkungen haben die transatlantischen Differenzen in der Praxis? *Cardiovasc* 2003; 4:17-22.
21. Chiolero A, Bovet P, Burnier M. Recommandations américaines et européennes pour la prise en charge de patients hypertendus : quel impact pour la pratique ? *Med Hyg* 2003; 2449 :1670-1674.
22. Santschi V, Forclaz A, Würzner G, de Clerck L, Chiolero A, Pèchère A, Burnier M. Appareils d'auto-mesure de la pression artérielle : quel appareil conseiller à nos patients ? *Journal Suisse de Pharmacie* 2003; 11:390-395.
23. Santschi V, Forclaz A, Würzner G, de Clerck L, Chiolero A, Pèchère A, Burnier M. Appareils d'auto-mesure de la pression artérielle : quel appareil conseiller à nos patients ? *Med Hyg* 2003; 61:766-772.
24. Burnier M, Santschi V, Fallab C.-L, Chiolero A, Schneider M.-P, Favrat B. Hypertension – observance thérapeutique : de l'impression du médecin à la télémétrie. *Rev Med Suisse Romande* 2002; 122:467-770.
25. Chiolero A, Santschi V, Burnier M. L'observance thérapeutique, un élément clé de la prise en charge de l'hypertension artérielle. *Rev Med Suisse Romande* 2002; 12:889-891.
26. Chiolero A, Burnier M. Consommation de sel et hypertension, un sujet qui reste d'actualité ! *Med Hyg* 2001; 2359:1725-1730.
27. Chiolero A, Burnier M. Les inhibiteurs spécifiques de la cyclooxygénase de type 2 : moins d'effets rénaux que les anti-inflammatoires non-stéroïdiens classiques ? *Néphrologie* 2000; 21:425-430.
28. Würzner G, Chiolero A, Burnier M. Microalbuminurie et hypertension artérielle. *Les Actualités en Hypertension* 2000; 3:361-365.
29. Burnier M, Würzner G, Chiolero A, Schneider M.-P. Behandlung der therapieresistenten arteriellen Hypertonie. Bedeutung der elektronischen Compliance-Kontrolle. *Herz/Kreisl.* 1999; 31(suppl I):s20-s23.
30. Burnier M, Chiolero A. Quelle est la pression à risque : la systolique ou la diastolique ? *Med Hyg* 1999; 57:1627-1629.
31. Chiolero A, Würzner G, Brunner H.-R, Burnier M. Place des antagonistes des récepteurs AT1 de l'angiotensine II dans le traitement de l'hypertension artérielle. *Med Hyg* 1999; 57:1631-1634.

Online publications (N=18)

1. Chiolero A. Digital epidemic. *BMJ* 2020, URL: www.bmj.com/content/368/bmj.m516/rr
2. Chiolero A. Statin: starting at 55 years old, stopping at 80? *BMJ* 2019, URL : www.bmj.com/content/367/bmj.l5674/rr-6
3. Chiolero A. Post-modern epidemiology for an evidence-informed public health. *BMJ* 2019, URL: www.bmj.com/content/365/bmj.l1495/rr
4. Chiolero A. Overdiagnosis and the end of diseases. *BMJ* 2017, URL: www.bmj.com/content/358/bmj.j3487/rr-1
5. Chiolero A. Association is not causation – even with big data. *BMJ* 2017, URL: www.bmj.com/content/356/bmj.j909/rr-1
6. Chiolero A. No clinical relevance of adjusting for regression dilution bias. *BMJ* 2015, URL: www.bmj.com/content/351/bmj.h4865/rr
7. Chiolero A. Fewer decimals to account for uncertainties. *BMJ* 2015, URL: www.bmj.com/content/350/bmj.h1845/rr-1
8. Chiolero A. Risk factors medicine as a driver of fear and overdiagnosis. *BMJ* 2014, URL: www.bmj.com/content/349/bmj.g6123/rr/779072
9. Chiolero A. Multiple comparison: too much weight to the statistical significance? *BMJ* 2014, URL: www.bmj.com/content/349/bmj.g5310/rr/763764
10. Chiolero A. Observational epidemiology has to move beyond correlation. *BMJ* 2013, URL: www.bmj.com/content/347/bmj.f6698/rr/672929
11. Chiolero A, Kaufman JS. Adjustment for a mediator can induce bias. *BMJ* 2013, URL: www.bmj.com/content/347/bmj.f4089/rr/655171
12. Chiolero A. Genetic and environment influences on disease: what about chance? *Science* 2013, URL: <http://comments.sciencemag.org/content/10.1126/science.338.6110.1016>
13. Chiolero A. Subgroup medicine. *blogs BMJ* 2012, URL: <http://blogs.bmj.com/bmj/2012/10/15/richard-smith-stratified-personalised-or-precision-medicine/>
14. Chiolero A. Stratified vs. personalised medicine. *BMJ* 2011, URL: www.bmj.com/content/343/bmj.d4697/reply

15. Chiolero A. Eradication of cardiovascular diseases? BMJ 2009, URL: www.bmj.com/content/339/bmj.b2613.short/reply
16. Chiolero A. It's big! Absolutely? BMJ 2009, URL: www.bmj.com/content/338/bmj.b2376/reply
17. Chiolero A. Body and mind enhancement: not (anymore) a medical issue. BMJ 2009, URL: www.bmj.com/content/338/bmj.b1955.full/reply#bmj_el_215773
18. Bovet P, Chiolero A, Paccaud F. Is the obesity epidemic exaggerated? Clues from a developing country. BMJ 2008, URL: www.bmj.com/rapid-response/2011/11/01/obesity-epidemic-exaggerated-clues-developing-country
19. Chiolero A, *Danon N. Mass population change may mimic treatment effect. BMJ 2006, URL: www.bmj.com/rapid-response/2011/10/31/mass-population-change-may-mimic-treatment-effect

Reports (N=26)

1. François M, Gloor V, Favre F, Chiolero A. Perception de la santé et comportements de santé. Observatoire valaisan de la santé (OVS), Sion, 2020 (available online: www.ovs.ch).
2. Sansonnens J, Bornet E, Favre F, Chiolero A. Perception du système de santé par les seniors. Observatoire valaisan de la santé (OVS), Sion, 2019 (available online: www.ovs.ch).
3. Chiolero A, Rodondi N. Quality improvement in primary care: toward the provision of safe, high value, patient-centered, sustainable, and data-informed care. In: Enhancing the quality and safety of Swiss healthcare - short reports. Swiss National Report 2019. pp. 68-78. Berne: Office fédérale de la santé publique (OFSP). (available online : <https://boris.unibe.ch/135693/>).
4. Service de la santé publique du canton du Valais. Programme cadre 2019-2002. Promotion de la santé et prévention, Sion, 2019 (collaboration to the writing)
5. Konzelmann I, Chiolero A. Epidémiologie et prise en charge du cancer du poumon en Valais. Observatoire valaisan de la santé (OVS), Sion, 2018 (available online: www.ovs.ch).
6. Clausen F, Favre F, Chiolero A, Observatoire valaisan de la santé (OVS). La santé des écoliers dans le canton du Valais - 3ème Rapport. Sion, novembre 2017 (available online: www.ovs.ch)
7. Sansonnens J, Chiolero A, Observatoire valaisan de la santé (OVS). Evaluation du projet pilote de vaccination contre la grippe en pharmacie en Valais. Sion, octobre 2017 (available online: www.ovs.ch).
8. Burato Gutierrez V, Clausen F, Chiolero A, Observatoire valaisan de la santé (OVS). Estimation du nombre de proches aidants en Valais. Sion, 2017 (available online: www.ovs.ch).
9. Konzelmann I, Chiolero A. Le cancer en Valais 2016. Observatoire valaisan de la santé (OVS), Sion, 2016 (available online: www.ovs.ch).
10. Richard T, Gloor V, Clausen F, Fornerod L, Favre F, Chiolero A. La consommation d'alcool chez les écoliers en Valais. Observatoire valaisan de la santé (OVS), Sion, 2016 (available online: www.ovs.ch).
11. Observatoire valaisan de la santé (OVS) et Service de la santé publique (SSP) du Valais. Le système de santé Valaisan, Annuaire statistique 2015. Sion, 2015 (available online: www.ovs.ch).
12. Wahlen R, Favre F, Gloor V, Clausen F, Konzelmann I, Fornerod L, Chiolero A, Observatoire valaisan de la santé (OVS). La santé de la population valaisanne 2015; 5ème rapport. Sion, 2015 (available online: www.ovs.ch).
13. Gloor V, Chiolero A. Enquête sur l'activité des médecins en Valais. Observatoire valaisan de la santé (OVS), Sion, 2015 (available online: www.ovs.ch).
14. Gloor V, Wahlen R, Clausen F, Favre F, Chiolero A. Perception de la santé et comportements de santé en Valais. Résultats de l'Enquête suisse sur la santé 2012. Observatoire valaisan de la santé (OVS), Sion, 2014 (available online: www.ovs.ch).
15. Konzelmann I, Chiolero A. Epidémiologie et prise en charge du cancer du sein en Valais, 2008-2010. Observatoire valaisan de la santé (OVS), Sion, 2014 (available online: www.ovs.ch).
16. Gloor V, Chiolero A. Enquête exploratoire sur les médecins de premier recours en Valais, 2013. Observatoire valaisan de la santé (OVS), Sion, 2014.
17. Chiolero A, Gloor V, Favre F. Le tabagisme chez les écoliers en Valais 2002-2010. Observatoire valaisan de la santé (OVS), Sion, 2013 (available online: www.ovs.ch).
18. Konzelmann I, Chiolero A. Epidémiologie et prise en charge du cancer colorectal en Valais, 2006-2009. Observatoire valaisan de la santé (OVS), Sion, 2012 (available online: www.ovs.ch).
19. Santschi V, Chiolero A. Système d'information sanitaire. In : Paccaud F et al. Eléments pour le Rapport sur la politique sanitaire 2013-2017, pp 81-85, Institut de médecine sociale et préventive (IUMSP), Lausanne, 2012.

20. Favre F, Gloor V, Chiolero A. Géographie de la médecine de premier recours en Valais, 2011. Observatoire valaisan de la santé (OVS), Sion, 2012.
21. Chiolero A, Marques-Vidal P, Paccaud F. Evaluation de la pratique du dépistage prénatal de la trisomie 21 en Valais. Observatoire valaisan de la santé (OVS), Sion, 2012.
22. Favre F, Chiolero A. Problèmes de santé des personnes âgées en institution en Valais. Observatoire valaisan de la santé (OVS), Sion, 2012 (available online: www.ovs.ch)
23. Chiolero A, Favre F, Clerc Berod A. Prévalence et prévention de l'excès de poids chez les écoliers en Valais. Observatoire valaisan de la santé (OVS), Sion, 2011 (available online: www.ovs.ch)
24. Favre F, Chiolero A. 4^{ème} rapport sur la santé des Valaisans 2010. Observatoire Valaisan de la santé (OVS), Sion, 2011 (available online: www.ovs.ch)
25. Chiolero A, Marty E, Gervasoni JP, Luthi JP. 3^{ème} rapport sur la santé des Valaisans 2004. Sion. Observatoire Valaisan de la santé, 2004 (available online: www.ovs.ch)
26. Jenni D, Delgrande M, Chiolero A. Violence à l'école : des brimades aux armes : le rôle de l'alcool et des drogues illégales : résultats d'une enquête réalisée en Suisse en 1998 auprès des écoliers et des écolières âgés de 12 à 15 ans. Lausanne : Institut suisse de prévention de l'alcoolisme et autres toxicomanies (ISPA), 2000

Book chapters (N=4)

1. Paccaud F, Chiolero A. Prévention, promotion de la santé et santé public. In: Kocher G, Oggier W, editors. Système de santé Suisse 2010-2012: survol de la situation actuelle. Beren : Huber ; 2010. pp309-319.
2. Paccaud F, Chiolero A. Prävention, Gesundheitsförderung und Public Health. In: Kocher G, Oggier W, editors. Gesundheitswesen Schweiz 2010-2012: eine aktuelle Übersicht. Bern: Huber; 2010. pp309-319.
3. Chiolero A, Schmid H. Unfälle und Konsum psychoaktiver Substanzen. In: Anpassen, ausweichen, auflehnen? Fakten und Hintergründe zur psychosozialen Gesundheit und zum psychoaktiver Substanzen von Schülerinnen und Schülern. [Schmid H, Kuntsche E.N, Delgrande M] – Bern; Stuggart; Wien: Haupt 2001, pp307-328.
4. Schmid H, Delgrande M, Chiolero A, Kuntsche E.N. Die Jugendlichen in der Schweiz: Dimensionen des Gesundheitsverhaltens. In: Anpassen, ausweichen, auflehnen? Fakten und Hintergründe zur psychosozialen Gesundheit und zum psychoaktiver Substanzen von Schülerinnen und Schülern. [Schmid H, Kuntsche E.N, Delgrande M] – Bern; Stuggart; Wien: Haupt 2001, pp395-411.

Communications (poster and oral presentations) [* = student (MD, PhD, Master) or post-doc fellow supervised by Arnaud Chiolero] (N=125)

1. *Anker D, Tsuyuki R, Paradis G, Chiolero A, Santschi V. Pharmacist to improve hypertension management: concordance from Europe to North America. European Public Health Association (EUPHA) meeting 2019, Marseilles, France, 20-23.11.2019 (poster)
2. Sansonnens J, Burato V, Fornerod L, Chiolero A. Le pole qualité de l'Observatoire valaisan de la santé. Swiss Public Health Conference, St-Gaal, Switzerland, 27-28.8.2019 (poster).
3. *Epure AM, Leyvraz M, Anker D, Di Bernardo S, Mivelaz M, Chiolero A, Sekarski N. Risk factors in the first 1000 days of life and carotid intima-media thickness in children: a systematic review and meta-analysis. European Academy of Pediatrics Congress, Porto, Portugal, 19-22.9.19 (poster).
4. *Epure AM, Leyvraz M, Anker D, Di Bernardo S, Mivelaz M, Sekarski N, Chiolero A. Childhood carotid intima-media thickness after intrauterine growth restriction. Swiss Public Health Conference, St-Gaal, Switzerland, 27-28.8.2019 (poster).
5. *Anker D, Santos-Eggimann B, Santschi V, Zwahlen M, Rodondi N, Wolfson C, Chiolero A. Prevalence and control of elevated blood pressure in older adults: impact of new guidelines. Swiss Public Health Conference, St-Gaal, Switzerland, 27-28.8.2019 (poster).
6. *Rios-Leyvraz M, Bovet P, Bochud M, Tabin R, Russo D, Genin G, Chiolero A. How to monitor caffeine intake in children? A comparison between questionnaire and 24-h urine excretion. Swiss Public Health Conference, St-Gaal, Switzerland, 27-28.8.2019 (poster).

7. Rozsnya Z, ..., Chiolero A, Rodondi N, Streit S. Barriers and enablers to deprescribing in older patients with multimorbidity and polypharmacy. 88th European General Practice Research Network (EGPRN) Meeting 2019 (theme paper presentation).
8. Stoller N, Wertli M, Zaugg TM, Haynes AG, Scheuter C, Chiolero A, Rodondi N, Panczak R, Aujesky D. Regional variation of hysterectomy in Switzerland: A population-based small area variation analysis. Congrès de printemps la Société Suisse de Médecine Interne Générale (SSMIG), 5-6.6.2019 (poster).
9. Stoller N, Wertli M, Haynes AG, Chiolero A, Rodondi N, Panczak R, Aujesky D. Large regional variations in novel cardiac procedures in Switzerland. A population-based small area variation analysis. Congrès de printemps la Société Suisse de Médecine Interne Générale (SSMIG), 5-6.6.2019 (poster).
10. Jungo K, ..., Chiolero A, ..., Streit S. 'An international case-vignette study to assess general practitioners' willingness to deprescribe (LESS). 87th European General Practice Research Network (EGPRN) Meeting, Sarajevo, Bosnia and Herzegovina, 4-7.10.2018 (freestanding paper presentation).
11. *Leyvraz M, ..., Chiolero A. Sodium intake and blood pressure in children and adolescents with normal and elevated blood pressure: A systematic review and meta-analysis. Swiss Public Health conference, Neuchâtel, Switzerland, 7-8.11.2018 (poster) [*awarded as best PhD abstract*].
12. *Leyvraz M, ..., Chiolero A. Salt intake and excretion in children in one region of Switzerland: A cross-sectional study. Swiss Public Health conference, Neuchâtel, Switzerland, 7-8.11.2018 (poster).
13. *Leyvraz M, Bovet P, Tabin R, Genin B, Russo M, Rossier M, Bochud M, Chiolero A. Estimating 24-h urinary sodium excretion from urinary spots in children European Public Health Association (EUPHA) meeting, Ljubljana, Slovenia, 28.11-1.12.2018 (oral).
14. Sansonnens J, Chiolero A. Evaluation du projet pilote de vaccination contre la grippe en pharmacie en Valais. Swiss Public Health conference, Neuchâtel, Switzerland, 7-8.11.2018 (poster).
15. *Anker D, Santos-Eggimann B, Santschi V, Chiolero A. Blood pressure and frailty among older adults. Swiss Public Health conference, Neuchâtel, Switzerland, 7-8.11.2018 (poster).
16. *Outdili Z, Marti-Soller H, Bovet P, Chiolero A. Performance of blood pressure measurement at an initial screening visit for the diagnosis of hypertension in children. 4^{ème} congrès annuel de la foederatio Paedo medicorum helveticorum (fPmh), Lausanne, Switzerland; 24-25.5.2018 (oral).
17. *Anker D, Santos-Eggimann B, Santschi V, Streit S, Rodondi N, Chiolero A. Screening for hypertension in older adults: less is more? Wennberg International Collaborative (WIC) Spring Policy Meeting; 12-13.4.2018, Zurich, Switzerland (oral).
18. Di Bernardo S, Mivelaz Y, *Epure A, Vial Y, Simeoni U, Bovet P, Estoppey S, Chiolero A, Sekarski N. Assessing the consequences of gestational diabetes mellitus on offspring's cardiovascular health: MySweetHeart Cohort study protocol. Journée de recherche en pédiatrie, CHUV, Lausanne, Suisse; 2.3.2018 (oral).
19. *Epure A, Leyvraz M, Mivelaz Y, Di Bernardo S, da Costa BR, Chiolero A, Sekarski N. Risk factors and determinants of carotid intima-media thickness in children: protocol for a systematic review and meta-analysis. Journée de recherche en pédiatrie, CHUV, Lausanne, Suisse; 2.3.2018 (poster).
20. Mivelaz Y, Di Bernardo D, Boulos Ksontini T, Prsa M, Vial Y, Chiolero A, Sekarski N. Feasibility and reliability of carotid intima-media thickness measurements in nonsedated infants. Journée de recherche en pédiatrie, CHUV, Lausanne, Suisse; 2.3.2018 (poster).
21. Wertli MM, Haynes AG, Jegerlehner SN, Schlapbach JM, Scheuter C, Panczak R, Chiolero A, Rodondi N, Aujesky D. Regional variation in hip and knee replacements in Switzerland: a small area-variation analysis. Wennberg international collaborative spring policy meeting 2018, Zurich, Switzerland, 13-14.4.2018 (oral)
22. Burato-Gutierrez V, Clausen F, Chiolero A. Estimating the number of informal caregivers in one region of Switzerland: a population-based study. European Public Health Association (EUPHA) meeting 2017, Stockholm, Sweden, 1-4.11.2017 (poster)
23. Germann S, Konzelmann I, Chiolero A. Estimation of the lifetime risk of cancer in one region of Switzerland. European Public Health Association (EUPHA) meeting 2017, Stockholm, Sweden, 1-4.11.2017 (poster)

24. Santschi V, [Chiolero A](#), Tremblay S, Scherrer F, Burnier M. Interprofessional education in hypertension: foundation for a team-based care culture. European Public Health Association (EUPHA) meeting 2017, Stockholm, Sweden, 1-4.11.2017 (poster)
25. Santschi V, Wuerzner G, [Chiolero A](#), Burnand B, Cloutier L, Paradis G, Burnier M. Team-Based Care for Improving Hypertension Management: the TBC-HTA randomized controlled study European Public Health Association (EUPHA) meeting 2017, Stockholm, Sweden, 1-4.11.2017 (poster)
26. Burato-Gutierrez V, Clausen F, [Chiolero A](#). Evaluation du nombre de proches aidants en Valais. Swiss Public Health Conference, Basel, Switzerland, 22-23.11.2017 (poster)
27. *Leyvraz M, Chatelan A, Taffé P, Bovet P, Bochud M, [Chiolero A](#). Assessing the association between blood pressure and sodium intake across usual levels of consumption in children: a systematic review of experimental and observational studies. Society for Epidemiologic Research 50th Annual Meeting, Seattle, USA, 22-24.6.2017 (poster)
28. Perrenoud S, [Chiolero A](#), Sekarski N, Mivelaz Y. Elevated blood pressure in children referred to a pediatric cardiology clinic: frequency and management. Assemblée annuelle commune SSP & SSAI, Saint-Gall, Switzerland, 1-2.6.2017 (oral presentation) [Abstract published in Swiss Med Wkly. 2017;147 Suppl. 222:7S]
29. Andrade Borges S, [Chiolero A](#), Sekarski N, Mivelaz Y. Excess body weight in children referred to a pediatric cardiology clinic: frequency and management. Assemblée annuelle commune SSP & SSAI, Saint-Gall, Switzerland, 1-2.6.2017 (oral presentation) [Abstract published in Swiss Med Wkly. 2017;147 Suppl. 222:11S]
30. *Jegerlehner S, [Chiolero A](#), Aujesky D, Rodondi N, Germann S, Kônzelmann I, Bulliard JL. Is overdiagnosis of prostate cancer leveling off? Recent changes in incidence and surgery rates in Switzerland. 2^{ème} congrès de printemps de la Société Suisse de Médecine Interne Générale (SSMIG), 3-4.5.2017 (oral presentation).
31. *Jegerlehner S, Schlapbach JM, Wertli MM, Scheuter C, Panczak R, Haynes AG, [Chiolero A](#), Rodondi N, Aujesky D. Hip and knee replacements in Switzerland: variation in regional utilization patterns. 2^{ème} congrès de printemps de la Société Suisse de Médecine Interne Générale (SSMIG), 3-4.5.2017 (oral presentation).
32. *Bruder C, Bulliard JL, Germann S, Bochud M, Leyvraz M, Konzelmann I, [Chiolero A](#). Lung cancer: sex difference in the lifetime risk and 10-year risk between 1995 and 2013 in a Swiss population. 2^{ème} congrès de printemps de la Société Suisse de Médecine Interne Générale (SSMIG), 3-4.5.2017 (oral presentation).
33. *Bruder C, Bulliard JL, Germann S, Bochud M, Leyvraz M, Konzelmann I, [Chiolero A](#). Risk communication: Estimating lifetime risk and 10-year risk of lung cancer in a Swiss population. 5th Swiss Health Services Research Symposium, Bern, Switzerland, 1.3.2017 (poster).
34. Wertli MM, Scheuter C, Panczak R, Haynes A, [Chiolero A](#), Rodondi N, Aujesky D. Regional Utilization Patterns of Vertebroplasty and Kyphoplasty in Switzerland. 5th Swiss Health Services Research Symposium, Bern, Switzerland, 1.3.2017 (poster).
35. Sansonnens J, Fornerod L, [Chiolero A](#). Improving the interpretation of quality of care indicators: effectiveness of a short training. 5th Swiss Health Services Research Symposium, Bern, Switzerland, 1.3.2017 (poster).
36. *Germann S, [Chiolero A](#), Konzelmann I. Estimation of the lifetime risk of cancer in one region of Switzerland. Congrès des registres de langue latine (GRELL), Albi, France, 4-6.05.2016 (poster).
37. Jegerlehner S, Bulliard JL, Aujesky D, Rodondi N, Germann S, Konzelmann I, [Chiolero A](#) and the NICER Working Group. Secular trends in thyroid cancer: indirect evidence of overdiagnosis and overtreatment? Assemblée de la Société Suisse de Médecine Interne Générale (SSMIG), Basel, Switzerland ; 25-27.5.2016 (oral presentation).
38. Jegerlehner S, Bulliard JL, Aujesky D, Rodondi N, Germann S, Konzelmann I, [Chiolero A](#) and the NICER Working Group. Secular trends in thyroid cancer: indirect evidence of overdiagnosis and overtreatment? 2016 Annual SGIM Meeting, Florida, USA; 11-14.5.2016 (poster).
39. Scheuter C, Panczak R, Haynes A, [Chiolero A](#), Hofmann M, Wertli MM, Perrier A, Rodondi R, Aujesky D. Regional Utilization Patterns of Percutaneous Vertebroplasty and Kyphoplasty. 2016 Annual SGIM Meeting, Florida, USA; 11-14.5.2016 (poster).
40. Scheuter C, Panczak R, Haynes A, [Chiolero A](#), Hofmann M, Wertli MM, Perrier A, Rodondi R, Aujesky D. Are Percutaneous Vertebroplasty and Kyphoplasty overused in Switzerland? Analysis of Regional Utilization Patterns. Assemblée de la Société Suisse de Médecine Interne Générale (SSMIG), Basel, Switzerland ; 25-27.5.2016 (oral presentation).

41. Santschi V, Chiolero A, Wuerzner G, Cloutier L, Paradis G, Schaller P, Burnier M. Prise en charge par équipe pour améliorer le contrôle de l'hypertension : protocole d'une étude randomisée contrôlée. Swiss Public Health conference, Geneva, Switzerland, 17-18.09.2015 (poster).
42. Sansonnens J, Fornerod L, Chiolero A. Comment interpréter les indicateurs de mortalité intrahospitalière de l'OFSP. Swiss Public Health conference, Geneva, Switzerland, 17-18.09.2015 (poster).
43. Ambord C, Favre F, Faeh D, Chiolero A. Surveillance of diabetes using medico-administrative data: a proof of concept in the canton of Valais, Switzerland. Swiss Public Health conference, Geneva, Switzerland, 17-18.09.2015 (poster).
44. *Bloetzer C, Bovet P, Chiolero A. Performance of targeted screening for the identification of hypertension in children. European Congress of Hypertension, Milano, Italy, 13.6-15.6.2015 (oral presentation).
45. *Bruder C, Konzelmann I, Gloor V, Rodondi N, Bulliard JL, Chiolero A. May increasing incidence of breast cancer be related to overdiagnosis? A population-based study. Assemblée annuelle de la Société Suisse de Médecine Interne Générale (SSMIG), Basel, Switzerland ; 20-22.5.2015 (oral presentation).
46. Santschi V, Chiolero A, Wuerzner G, Cloutier L, Paradis G, Burnier M. Protocole d'une prise en charge par équipe pour améliorer le contrôle de l'hypertension en Suisse. 6^{ème} congrès mondial du SIDIEF, Montreal, Canada ; 31.5-5.6.2015 (oral presentation).
47. Chiolero A, Paradis G, Kaufman JS. Is there a negative direct effect of birth weight on blood pressure? A causal mediation analyses. second meeting of the French-speaking society SF-DOHaD, Nantes, 2014 (poster). Journal of Developmental Origins of Health and Disease 2015; 6(Supplement 1): S22–S23.
48. *Bloetzer C, Paccaud F, Burnier M, Bovet P, Chiolero A. Performance of parental history for the targeted screening of hypertension in children. Journée de recherche du département médico-chirurgical de pédiatrie, CHUV, Lausanne, Suisse ; 29.1.2015 (poster).
49. *Bloetzer C, Bovet P, Chiolero A. Performance of targeted screening for the identification of hypertension in children. Journée de recherche du département médico-chirurgical de pédiatrie, CHUV, Lausanne, Suisse ; 29.1.2015 (poster).
50. Santschi V, Chiolero A, Wuerzner G, Cloutier L, Paradis G, Burnier M. Hypertension management in the Swiss primary care: protocol for the randomized controlled study Team-Based Care for Improving Hypertension. Symposium «Health Services Research in Primary Care Medicine», Swiss Academy of Medical Science, Bern, Switzerland; 4.11.2014 (oral presentation).
51. Dubuis A, Brühlhart D, Régis M, Chiolero A, Closuit-Jenzer A, Von Rothen JB, Evéquoz D. Campagne «Choisissez» contre le tabagisme et les maladies cardio-vasculaires. 8^{ème} congrès national de la Société française de tabacologie, Paris, France ; 6-7.11.2014 (poster).
52. *Ambord C, Favre F, Faeh D, Chiolero A. Public Health Surveillance with Big Data: Assessing Diabetes Trends using Medico-Administrative Data. 7th European Public Health Association (EUPHA) conference. Glasgow, UK ; 19-22.11.2014 (poster).
53. *Bloetzer C, Paccaud F, Burnier M, Bovet P, Chiolero A. Performance of parental history of hypertension for the screening of hypertension in children. 7th European Public Health Association (EUPHA) conference. Glasgow, UK ; 19-22.11.2014 (poster).
54. Gloor V, Clerc Berod A, Chiolero A. Surveillance épidémiologique de l'excès de poids chez les écoliers valaisans : évolution de la prévalence entre 2008 et 2012. Swiss Public Health conference, Olten, Switzerland, 21-22.8.2014 (poster).
55. Paradis G, Mathieu ME, Maximova K, Barnett TA, Chiolero A. Association of physical inactivity, low fitness and sedentary behaviors with blood pressure in 8-10 Year old children. World Congress of Cardiology 2014, Melbourne, Australia, 7.5. 2014 (oral presentation).
56. Chiolero A, Paradis G, Kaufman JS. Direct effect of birth weight on blood pressure: a causal mediation analysis. 46th Annual Society of Epidemiology Research (SER) Meeting, Boston, USA, 18-21.06.13. Am J Epidemiol 2013; 177:S117(466) (oral presentation).
57. Chiolero A, Burnand B, Platt R, Paradis G, Santschi V. Assessing heterogeneity of effects on blood pressure in a meta-analysis of pharmacist intervention trials. 46th Annual Society of Epidemiology Research (SER) Meeting, Boston, USA, 18-21.06.13. Am J Epidemiol 2013; 177:S39(P153) (poster).
58. Kakinami L, Henderson M, Chiolero A, Cole TJ, Paradis G. Identifying the best body mass index metric to assess adiposity change in children: a comparison between changes in dual-energy x-ray absorptiometry (DEXA) and body mass index. American Public Health Association 141st Annual Meeting, Boston, USA, 2-6.12.2013 (poster).

59. Anchisi S, Konzelmann I, Chiolero A. Cancer colorectal chez les patients de 70 ans et plus en Valais (2006-2009). Echanges de pratiques en onco-gériatrie, Société francophone d'onco-gériatrie, Nantes, France, 20-22.9.2012 (poster).
60. Konzelmann I, Chiolero A. Assessing the epidemiology and pattern of care of colorectal cancer in Valais, Switzerland. International Association of Cancer Registries Annual Meeting, Cork, Irland, 17-19.9.2012 (poster).
61. Donzé N, Fornerod L, Chiolero A, Bonvin R, Rossier MF, Augsburg A. Toxicology in Emergency Room in the Valais Hospital between 2007 and 2011. Society of Forensic Toxicology Annual Meeting, Boston, USA, 1-6.7.2012 (poster).
62. Konzelmann I, Chiolero A. Un exemple de collaboration entre le registre des tumeurs et les cliniciens pour décrire l'épidémiologie du cancer colorectal en Valais. Swiss Public Health conference, Lausanne, Switzerland, 30-31.8.2012 (poster).
63. Chiolero A, Paradis G, Maximova K, Burnier M, Bovet P. Waist-for-height ratio and body mass index as indicators of elevated blood pressure in children. Swiss Public Health conference, Lausanne, Switzerland, 30-31.8.2012 (poster).
64. Chiolero A, Paradis G, Madeleine G, Paccaud F, Bovet P. Predictive Value of Elevated Blood Pressure during Childhood in The Seychelles. Geneva Health Forum, Geneva, Switzerland; 18-20.04.2012 (poster).
65. Chiolero A, Paradis G, Madeleine G, Hanley JA, Paccaud F, Bovet P. Birth Weight, Weight Change, and Blood Pressure in Children and Adolescents: a School-Based Multiple Cohorts Study. 44th Annual Society of Epidemiology Research (SER) Meeting, Montreal, Canada, 21-24.06.11. Am J Epidemiol 2011; 173(Suppl):S123 (P491-S) (poster).
66. Santschi V, Chiolero A, Burnand B, Colosimo AL, Paradis G. Impact of Pharmacist Care in the Control of Cardiovascular Disease Risk Factors: a Systematic Review and Meta-analysis of Randomized Trials. 44th Annual Society of Epidemiology Research (SER) Meeting, Montreal, Canada, 21-24.06.11. Am J Epidemiol. 2011; 173(Suppl):S94(P373) (poster).
67. Chiolero A, Favre F, Fornerod L, Dupuis G, Crettenand G, Moix JB, Clerc Berod A. Prévalence et prévention de l'excès de poids chez les écoliers en Valais. Swiss Public Health conference, Basel, Switzerland, 25-26.8.2011 (poster).
68. Fornerod L, Dupuis G, Chiolero A. L'Observatoire valaisan de la santé : un outil intégratif de surveillance sanitaire. Swiss Public Health conference, Basel, Switzerland, 25-26.8.2011 (poster).
69. Maximova K, Chiolero A, O'Loughlin J, Tremblay A, Lambert M, Paradis G. Which adiposity indicator best discriminates children with elevated blood pressure? The 2nd National Obesity Summit. Montreal, Canada; 28.4-1.5.2011 (poster).
70. Chiolero A, Paradis G, Madeleine G, Paccaud F, Bovet P. Association between growth and blood pressure during the life course in children and adolescents. American Heart Association Joint Conference - 50th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity, and Metabolism. San Fransico, USA, 02-05.03.2010 (poster).
71. Chiolero A, Paradis G, Madeleine G, Paccaud F, Bovet P. Low Predictive Value of Elevated Blood Pressure during Childhood and Adolescence. American Heart Association Joint Conference - 49th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity, and Metabolism. Palm Harbor, USA; 10-14.03.09. Circulation 2009; 119:e322 (poster).
72. Bovet P, Chiolero A, Gabriel A, Marques-Vidal P, Paccaud F. Increasing prevalence of obesity in the Seychelles and association with socio-economic status. 16th European Congress on Obesity (ECO), Geneva, Switzerland, 14-17.05.08 International Journal of Obesity 2008; 32(suppl1):S188 (poster).
73. Marques-Vidal P, Chiolero A, Paccaud F. Prevalence of normal weight obesity in the general population. 16th European Congress on Obesity (ECO), Geneva, Switzerland, 14-17.05.08 International Journal of Obesity 2008; 32(suppl1):S224 (poster).
74. Chiolero A, Paradis G, Madeline G, Paccaud F, Bovet P. Elevated Blood Pressure Prevalence In Children Did Not Follow The Increase In Overweight: Results From A School-based Study In A Rapidly Developing Country, 1998-2006. American Heart Association 48th Annual Conference on Cardiovascular Disease Epidemiology and Prevention. Colorado Springs, USA, 11-15.03.08. Circulation 2008; 117:e261 (poster).
75. *Nanchen D, Chiolero A, Cornuz J, Firmann M, Marques-Vidal P, Mooser V, Paccaud F, Waeber G, Vollenweider V, Rodondi N. Cardiovascular risk estimation and eligibility for statin therapy using different scoring systems in Europe: a population-based study in Switzerland. Society of General Internal Medicine, 31st annual meeting, Pittsburgh, USA, 9-12.04.08. J Gen Intern Med 2008; 23(Suppl 2):261 (poster).

76. *Willi C, Chiolero A, David F, Cornuz J, Marques-Vidal P, Paccaud F, Waeber G, Wollenweider P. Relationship between cigarette smoking and abdominal obesity. Society of General Internal Medicine, 31st annual meeting, Pittsburgh, USA, 9-12.04.08. J Gen Intern Med 2008; 23(Suppl 2):393 (poster).
77. *Danon-Hersch N, Marques-Vidal P, Bovet P, Chiolero A, Paccaud F, Pécoud A, Hayoz D, Mooser V, Waeber G, Vollenweider P. Prevalence, awareness, treatment and control of hypertension in a Swiss general population: the CoLaus Study. CHUV Research Day, Lausanne, CH, 17.01.2008 (poster).
78. Chiolero A, Woringer V, *Lasserre AM, Paccaud F, Bovet P. Overweight is strongly associated with parents' educational level and nationality in Swiss children. 15th European Congress on Obesity, Budapest, Hungary, 22-25.04.2007. Int J Obes 2007; 31:S203 (poster).
79. Darioli R, Chiolero A, Masson JC, Prior J. Worksite health promotion program is useful to improve cardiovascular risk factors. 76th Congress of the European Atherosclerosis Society, Helsinki, Finland, 10-13.06.07. Atherosclerosis Supplements 2007; 8:99 (poster).
80. Cornuz J, *Willi C, Chiolero A, Payot S, Stoianov R, Bize R. Physical activity as an aid for smoking cessation. A randomized controlled trial of sedentary adults smokers. Society of General Internal Medicine, 30th annual meeting, Toronto, Canada, 25-28.04.2007. J Gen Intern Med 2007; 22(suppl1):107 (oral presentation).
81. Chiolero A, Prior J, Masson JC, Darioli R. Participants to a health promotion program are more eager to reduce elevated blood pressure than other risk factors. 75e Assemblée annuelle de la Société Suisse de Médecine Interne, Bâles, Switzerland, 23-25.05.2007. Swiss Medical Forum 2007; 7(Suppl. 35):39S (poster).
82. *Willi C, Chiolero A, Faeh D, Cornuz J, Marques-Vidal P, Paccaud F, Waeber G, Vollenweider P. Relationship between cigarette smoking and abdominal obesity in a population-based study. 9th European Society of Research on Nicotine and Tobacco Europe Conference, Madrid, Spain, 03-06.10.2007 (poster).
83. *Danon-Hersch N, Chiolero A, Madeleine G, Paccaud F, Bovet P. Incidence and remission rates for overweight in children in a country of the African region. Swiss Public Health conference, Olten, Switzerland, 21-22.6.2007 (poster).
84. Chiolero A, *Danon-Hersch N, Paccaud F, Bovet P. Association between maternal smoking during pregnancy and overweight in offspring: results of a retrospective birth cohort. Swiss Public Health conference, Olten, Switzerland, 21-22.6.2007 (poster).
85. Chiolero A, Woringer V, Paccaud F, Bovet P. Association between overweight and parents' educational level and nationality in Swiss children. Swiss Public Health conference, Olten, Switzerland, 21-22.6.2007 (poster).
86. Chiolero A, Cachat F, Burnier M, Paccaud F, Bovet P. Prevalence of hypertension in schoolchildren based on repeated measurements and association with overweight. CHUV Research Day, Lausanne, CH, 01.02.2007 (poster).
87. *Danon N, Chiolero A, Shamlaye C, Paccaud F, Bovet P. Decreasing association between body mass index and blood pressure over time. CHUV Research Day, Lausanne, CH, 01.02.2007 (poster).
88. *Danon N, Chiolero A, Paccaud F, Madeleine G, Bovet P. Incidence and remission rates for overweight and obesity during a 3-year follow-up of schoolchildren aged 5 to 12. CHUV Research Day, Lausanne, CH, 01.02.2007 (poster).
89. Bovet P, Auguste R, Chiolero A, Burdette HL, Paccaud F. Strong inverse association between physical fitness and obesity in adolescents. CHUV Research Day, Lausanne, CH, 01.02.2007 (poster).
90. Chiolero A, Paccaud F, Madeleine G, Burnier M, Bovet P. Blood pressure in children and adolescents, and association with body size, in the Seychelles, a rapidly developing country. European Society of Hypertension, 16th European meeting on hypertension, Madrid, 12-15.06.2006. J Hypertens 2006; 24(suppl. 4):S250 (poster).
91. *Danon-Hersch N, Chiolero A, Fostel J, Paccaud F, Burnier M, Bovet P. Hypertension in the Seychelles population: trends in prevalence, awareness, treatment and control, 1989-2004. European Society of Hypertension, 16th European meeting on hypertension, Madrid, 12-15.06.2006. J Hypertens 2006; 24(suppl. 4):S249 (poster).
92. Chiolero A, Cachat F, Burnier M, Paccaud F, Bovet P. Prevalence of hypertension and association with excess weight in children: preliminary results of a population-based study in Switzerland. European Public Health Association, 14th Conference, Montreux, Suisse, 16-18.11.2006. Eur J Public Health 2006; 16(Suppl 1):67 (oral presentation).

93. *Danon N, Chioloero A, Fostel J, Paccaud F, Bovet P. Trends in blood pressure and body mass index in the Seychelles, a rapidly developing middle-income country, 1989-2004. European Public Health Association, 14th Conference, Montreux, Switzerland, 16-18.11.2006. Eur J Public Health 2006; 16(Suppl 1):119 (oral presentation).
94. Cornuz J, Chioloero A. Relationship between smoking and obesity according to the daily number of cigarette smoked. Society of General Internal Medicine, 29th annual meeting, Los Angeles, USA. J Gen Intern Med 2006; 21:122(A151932) (poster).
95. Chioloero A, Jacot-Sadowski I, Paccaud F, Cornuz J. Are heavy smokers heavier? Analysis of the Swiss Health Survey 2002. 74e Assemblée annuelle de la Société Suisse de Médecine Interne, Lausanne, Switzerland. Swiss Med Forum 2006; 67S:P15 (poster).
96. Bovet P, Chioloero A, Madeleine G, Padayachy D, Stettler N. Rapid Increase Between 1998 and 2004 in the Prevalence of Obesity Among Children of Seychelles, a Rapidly Developing Country. American Heart Association 46th Annual Conference on Cardiovascular Disease Epidemiology and Prevention in association with the Council on Nutrition, Physical Activity, and Metabolism. Circulation 2006; 113:e301,P217 (poster).
97. Chioloero A, Paccaud F, Madeleine G, Burnier M, Bovet P. Blood pressure in children and adolescents, and association with body size, in the Seychelles, a rapidly developing country. European Society of Hypertension, 16th meeting. European Society of Hypertension 2006; Madrid, Spain, 12-15.06.2006 (poster).
98. *Danon N, Chioloero A, Fostel J, Burnier M, Paccaud F, Bovet P. Hypertension in the Seychelles population : Trends in prevalence, awareness, treatment and control 1989-2004. European Society of Hypertension, 16th meeting. European Society of Hypertension 2006; Madrid, Spain, 12-15.06.2006 (poster).
99. Chioloero A, Paccaud F, Madeleine G, Burnier M, Bovet P. Blood pressure in children and adolescents, and association with body size, in the Seychelles, a rapidly developing country. CHUV Research Day, Lausanne, CH, 03.02.2006 (poster).
100. *Danon N, Chioloero A, Fostel J, Burnier M, Paccaud F, Bovet P. Hypertension in the Seychelles population : Trends in prevalence, awareness, treatment and control 1989-2004. CHUV Research Day, Lausanne, CH, 03.02.2006 (poster).
101. Faeh D, Bovet P, Viswanathan B, Chioloero A, Warren W. Smoking, alcohol drinking, and cannabis use in Seychelles (Indian Ocean), a country in rapid transition. CHUV Research Day, Lausanne, CH, 03.02.2006 (poster).
102. Bovet P, Shamlaye C, Chioloero A, Burnier M, Paccaud F. First reading should not be considered when assessing blood pressure in epidemiological surveys. European Society of Hypertension, 15th meeting. Milan, Italy. J of Hyper 2005 (23); Supp 2:S280 (poster).
103. Chioloero A, Gervasoni JP, Rwebogora A, Balampama M, Bovet P. Comparison of BP readings with a mercury sphygmomanometer and two different automated devices. European Society of Hypertension, 15th meeting. European Society of Hypertension 2005; Milan, Italy. J Hypertens 2005 (23); Suppl 2:S287 (poster).
104. Chioloero A, Bovet P, Paccaud F. Association between maternal smoking and low birth weight in Switzerland: the EDEN study. Swiss Public Health conference, Bern, Switzerland, 23-24.6.2005 (poster).
105. Chioloero A, Paccaud F, Cornuz J. Smoking and obesity: analysis according to number of cigarettes daily smoked. Swiss Public Health conference, Bern, Switzerland, 23-24.6.2005 (poster).
106. Chioloero A, Wietlisbach V, Paccaud F, Cornuz J. Accumulation and clustering of health risk behaviours according to smoking status. Society for Research on Nicotine and Tobacco, 11th meeting. Prague, Czech republic, 20-23.3.2005 (oral presentation).
107. Chioloero A, Wietlisbach V, Paccaud F, Cornuz J. Patterns of unhealthy behaviors and obesity according to smoking status in a general population – the Swiss health survey. Swiss Public Health conference, Zurich, Switzerland, 24-25.6.2004 (poster).
108. Bankir L, Sellin F, Chioloero A, Burnier M. A reduced nocturnal dipping in blood pressure in patients with moderate essential hypertension is associated with a disturbed diurnal/nocturnal pattern of water and sodium excretion. J Am Soc Nephrol 2003; 14:20A-21A (poster).
109. Bankir L, Sellin M, Maillard M, Chioloero A, Burnier M. Effet d'un excès de poids sur les variations nyctémérales de la pression artérielle, de la fonction rénale et de l'excrétion sodée chez des patients hypertendus. Archives des Maladies du Coeur et des Vaisseaux 2003 (poster).
110. Sellin F, Chioloero A, Burnier M, Bankir L. Effect of salt on pulse pressure in normotensive and hypertensive men. Hypertension 2003; 42:446-447 (poster).

111. Zanchi A, Chiolero A, Maillard MP, Nüssberger J, Brunner HR, Burnier M. Pioglitazone stimulates renin and favors sodium retention and weight gain in healthy subjects. The American Society of Hypertension 18th Scientific Meeting, New York, USA, 14-17.5.2003. Am J Hypertens 2003; 16:263A (poster).
112. Zanchi A, Chiolero A, Maillard MP, Nüssberger J, Brunner HR, Burnier M. Pioglitazone stimulates renin and favors sodium retention and weight gain in healthy subjects. CHUV Research Day, Lausanne, CH, 16.01.2003 (poster).
113. Chiolero A, Bankir L, Monod ML, Maillard MP, Burnier M. Do hypertensive patients receiving a high salt diet drink more and hence have a higher urinary volume ? J Hypertens 2001; 19:S219 (poster).
114. Würzner G, Chiolero A, Maillard MP, Nussberger J, Hayoz D, Brunner HR, Burnier M. Renal sodium handling and neurohormonal responses to increasing levels of lower body negative pressure in man. J Hypertens 2001; 19:S14 (poster).
115. Würzner G, Chiolero A, Fallab-Stubi CL, Maillard M, Gerster CA, Burnier M. Losartan reduces serum uric acid in hypertensive patients with hyperuricemia and/or gut. Forum Médical Suisse 2001 ; Suppl 2;10S (poster).
116. Würzner G, Chiolero A, Maillard MP, Gerster CA, Burnier M. Losartan but not irbesartan reduces serum uric acid in hypertensive patients with hyperuricemia and/or gout. Am J Hypertens 2001; 14:179A (poster).
117. Chiolero A, Bankir L, Monod ML, Maillard MP, Burnier M. Do hypertensive patients receiving a high salt diet drink more and hence have a higher urinary volume? 11th European Meeting on Hypertension, Milan, Italy, 15-18.6.2001 (poster).
118. Würzner G, Chiolero A, Maillard MP, Nüssberger J, Hayoz D, Brunner HR, Burnier M. Renal sodium handling and neurohormonal responses to increasing levels of lower body negative pressure in man. 11th European Meeting on Hypertension, Milan, Italy, 15-18.6.2001 (poster).
119. Würzner G, Chiolero A, Maillard MP, Gerster CA, Burnier M. Losartan but not irbesartan reduces serum uric acid in hypertensive patients with hyperuricemia and/or gout. The American Society of Hypertension 16th Scientific Meeting, San Francisco, USA, 15-19.5.2001 (poster).
120. Würzner G, Chiolero A, Maillard MP, Hayoz D, Nüssberger J, Brunner HR, Burnier M. Renal Sodium Handling and Hemodynamic Responses to Sustained Lower Body Negative Pressure (LBNP) in Healthy Subjects. J Am Soc Nephrol 1999; 10:391A (poster).
121. Bumier M, Schneider MP, Chiolero A, Fallab CL, Brunner HR. Objective monitoring of drug compliance : an important step in the management of hypertension resistant to drug therapy. J Hypertens 1999; 17 (3):SI 51 (poster).
122. Bumier M, Schneider MP, Chiolero A, Fallab CL, Brunner H.R. Objective monitoring of drug compliance : an important step in the management of hypertension resistant to drug therapy. Am J Hypertens 1999; 12:129A9 (poster).
123. Chiolero A, Maillard MP, Crespell G, Burnier M. Blood Pressure (BP) Responsiveness to Salt Is Associated with an Increased Proximal Reabsorption of Sodium in Hypertensive Patients. American Society of Nephrology, 32nd Annual Meeting, Miami-Beach, USA, 4-8.11.1999. J Am Soc Nephrol 1999; 10:363A (poster).
124. Chiolero A, Maillard MP, Crespell G, Burnier, M. Blood pressure (BP) responsiveness to salt in hypertensive patients is associated to an increased proximal reabsorption of sodium. 6th Cardiovascular Biology and Clinical Implications meeting, Interlaken, CH, 29-30.10.1999 (poster).
125. Würzner G, Chiolero A, Maillard MP, Hayoz D, Nüssberger J, Brunner H-R, Burnier M. Renal sodium handling and hemodynamic response to sustained lower body negative pressure (LBNP) in healthy subjects. 6th Cardiovascular Biology and Clinical Implications meeting, Interlaken, CH, 29-30.10.1999 (poster).

Invited lectures (selection) (N=26)

1. Université de Genève, Café qualité : « Surveillance de la qualité des soins : gouvernance, monitoring et échange », 9.3.2020
2. Centre de Recherche du Centre Médical de l'université de Montréal (CHUM), Montréal, Canada : « Hypertension in Children : from Screening to Primordial Prevention », 11.1.2019
3. Journée Santé psychique des seniors, HES-SO Valais, Sierre, Suisse: "Epidémiologie de la santé psychique chez les seniors", 30.8.2018

4. Department of Epidemiology, McGill University, Montreal: "How to prevent overdiagnosis?"; 8.1.2018
5. Annual meeting of Kantonale Ärzte, Zug, Switzerland: "Less screening, less overdiagnosis – more health?"; 16.11.2017
6. Hôpital de Nyon, Switzerland: "Screening for cardiovascular risk factors in children: less is more?"; 27.6.2017
7. Invalidenversicherung Bern, Switzerland: "How to prevent overdiagnosis?"; 3.5.2017
8. HES-SO Sierre, Switzerland : "Big data: too big to fail?"; 20.09.2016
9. Hôpital de Neuchâtel, Switzerland : "How to prevent overdiagnosis ?"; 24.02.2016
10. Journée latine de l'excellence en santé, Fribourg, Switzerland: "L'Observatoire valaisan de la santé : un outil de surveillance de la qualité des soins"; 15.09.2015
11. Swiss Society of Internal Medicine Annual Meeting, Basel, Switzerland : "How to prevent overdiagnosis ?"; 21.05.2015
12. Institute of social and preventive medicine, University of Bern, Switzerland : "Assessment and prevention of overdiagnosis"; 11.05.2015
13. CHUV, Lausanne, Symposium "Origines pédiatriques de la santé cardiovasculaire : de la population à la clinique": "Faut-il dépister l'hypertension chez les enfants?"; 25.3.2015 ; disponible en ligne www.iumsp.ch/fr/symposium-origines-pediatriques-sante-cardiovasculaire
14. Hôpital du Valais, Sion, Suisse: "Salt intake in children: too much?"; 7.11.2014
15. Hôpital du Valais, Sion, Suisse: "Epidemiology of obesity in children"; 30.10.2014
16. Children Hospital, McGill University, Montreal, Canada : "Screening for elevated blood pressure : why ? why not?"; 19.06.2014
17. Policlinique médicale universitaire, Lausanne, Switzerland, "Overweight : a cause of death ?"; 05.05.2014
18. Fondation pour la Recherche en Hypertension, Crans Montana, Switzerland, "Pourquoi (ne pas) dépister l'hypertension chez les enfants?"; 16.03.2014
19. Institute of social and preventive medicine, University of Zurich, Switzerland, "Surveillance in the age of Big data: Too big to fail?"; 04.02.2014
20. Swiss School of Public Health, University of Ticino, Lugano, "Health Information Systems: Performance Monitoring, Benchmarking and Research: Surveillance at the age of Big data"; 31.08.2013 www.youtube.com/watch?v=dbaHloeHqRk
21. Institute of social and preventive medicine, University of Bern, Switzerland, "Screening for elevated blood pressure in children and adolescents. A critical appraisal"; 02.07.2012
22. Direction de la santé publique (DSP), Montreal, Canada, "Surveillance régionale, intégrative et dynamique: l'Observatoire valaisan de la santé en Suisse"; 20.03.2012
23. InselSpital, University of Bern, Switzerland, "Secular trends in blood pressure in children"; 08.12.2011
24. Public Health Swiss Congress, Basel, Switzerland, "Screening for elevated blood pressure in children and adolescents. Benefits? Harms? Costs?"; 25.08.2011
25. Children's Hospital of Philadelphia, Penn University, Philadelphia, USA, "Assessing secular trends in blood pressure in children"; 12.09.2009
26. Department of epidemiology, McGill University, Montreal, Canada, "Shifting hypotheses on the beach: the case of childhood obesity and elevated blood pressure in the Seychelles Island"; 16.06.2008

Media interviews or reports

- «Addictions: alcool et tabac tuent plus de 500 valaisans en 2019» in *Canal 9* <https://canal9.ch/addictions-alcool-et-tabac-tuent-plus-de-500-valaisans-en-2019/>, 4.2.2020
- «Le check-up annuel en question» in *Invivo Magazine* www.invivomagazine.com/fr/corpore_sano/tendances/article/531/le-check-up-annuel-en-debat , 12.2019 and in *Largeur* <https://largeur.com/?p=10374>, 10.2.2020
- « Warum die Schweiz keinen Impfzwang braucht » in *Higgs* www.higgs.ch/warum-die-schweiz-keinen-impfzwang-braucht/21110/ 16.05.2019
- « Enquête sur l'activité des médecins : plus de femmes et de jeunes médecins » in *Le Nouvelliste* <https://www.lenouvelliste.ch/articles/valais/canton/valais--nombre-de-jeunes-medecins-et-de-doctresses-en-hausse-840347>. 14.05.2019

- «Quels dépistages du cancer faut-il faire et à quelle moment ?» in *Le Nouvelliste* www.lenouvelliste.ch/dossiers/sante/articles/quels-depistages-du-cancer-faut-il-faire-et-a-quel-moment-819707. 13.02.2019
- « Deux enfants sur trois mangent trop de sel », in *Le Matin* <https://lematin.ch/10418652>, *La Tribune de Genève* <https://tdg.ch/10418652>, *Le Nouvelliste* www.lenouvelliste.ch/articles/lifestyle/sante/sante-deux-enfants-sur-trois-consomment-trop-de-sel-808781, et *Rhône FM* www.rhonefm.ch/fr/news/pres-de-deux-enfants-sur-trois-consomment-trop-de-sel-1242238, 20.12.2018
- « Eine Steuer zum Schutz der Gesundheit? », in *NZZ*, 3.12.2018; www.nzz.ch/panorama/fleischkonsum-schweiz-steuer-soll-gesundheitsrisiko-mindern-id.1441320
- « Cancer en Suisse et en Valais », interview, in *Radio Rhône FM*, 3.12.2018 ; www.rhonefm.ch/fr/news/davantage-de-cas-de-cancers-en-valais-mais-un-risque-stable-1228386
- « Sel et café chez les enfants », interview, in *Radio Rhône FM*, 27.12.2017
- « Les adolescents se portent bien », in *Le Nouvelliste*, 22.11.2017 ; www.lenouvelliste.ch/dossiers/sante/articles/les-adolescents-valaisans-se-portent-bien-717263
- « L'état de santé des écoliers en Valais », interview in *Radio Chablais*, 23.11.2017
- « L'état de santé des écoliers en Valais », interview in *Radio Rhône*, 22.11.2017
- « Les cancers de la thyroïde surdiagnostiqués en Suisse » interview, in *Le Journal du Matin*, *La 1ère*, 27.6.2017 ; www.rts.ch/play/radio/le-journal-du-matin/audio/les-cancers-de-la-thyroide-surdiagnostiques-en-suisse-interview-du-dr-arnaud-chiolero?id=8717115
- « Le cancer de la thyroïde probablement surtraité » , in *24 Heures*, 26.6.2017; www.24heures.ch/savoirs/sante/cancer-thyroide-probablement-surtraite/story/23274323 www.rts.ch/info/sciences-tech/8733843-le-cancer-de-la-thyroide-est-surtraite-en-suisse-estiment-des-chercheurs.html
- « En cas d'hypertension, jusqu'où baisser sa tension? », in *24 Heures*, 15.4.2017 ; <http://mobile2.24heures.ch/articles/58f1c311ab5c370c5d000001> et in *La Tribune de Genève*, 15.4.2017 ; <http://mobile2.tdg.ch/articles/58f109faab5c37294e000001>
- « Valais: le cancer se répand de plus en plus, mais il tue moins », in *Le Nouvelliste*, 1.12.2016 ; www.lenouvelliste.ch/articles/valais/canton/valais-le-cancer-se-repand-de-plus-en-plus-mais-il-tue-moins-608043
- « Quand le sel a un goût amer », in *Le Nouvelliste*, 1.9.2016 ; www.lenouvelliste.ch/dossiers/sante/articles/quand-le-sel-a-un-gout-amer-574041
- «En Valais, le cancer touche de plus en plus de monde mais il fait moins de victimes », in *Radio Chablais*, 5.12.2016 www.radiochablais.ch/63933-en-valais-le-cancer-touche-de-plus-en-plus-de-monde-mais-il-fait-moins-de-victime
- « Bientôt une centaine de centenaires en Valais », in *Le Nouvelliste*, 13.10.2015
- « Le bilan de santé de la population valaisanne s'améliore », in *Couleurs locales*, *RTS*, 12.10.2015 ; www.rts.ch/play/tv/couleurs-locales/video/couleurs-locales?id=7161967
- « Les Valaisans n'ont jamais été aussi en bonne santé », in *Canal 9*, 12.10.2015; <http://canal9.ch/les-valaisans-nont-jamais-ete-en-aussi-bonne-sante/>
- « Les maladies chroniques, principal fardeau de la santé valaisanne », in *Journal de la RTS*, 12.10.2015; www.rts.ch/info/regions/valais/7160691-les-maladies-chroniques-principal-fardeau-de-la-sante-valaisanne.html
- « Les maladies chroniques, principal fardeau de la santé valaisanne », in *L'Hebdo*, 12.10.2015 ; www.hebdo.ch/news/politique/les-maladies-chroniques-principal-fardeau-de-la-sant%C3%A9-valaisanne
- « Les Valaisans vivent toujours plus vieux », in *Le Matin*, 12.10.2015 ; www.lematin.ch/suisse/valais-population-veillit-inexorablement/story/30472108
- « Les Valaisans vivent toujours plus vieux », in *24 Heures*, 12.10.2015 ; www.24heures.ch/suisse/valais-population-veillit-inexorablement/story/30472108
- « Traiter moins pour mieux soigner », in *Invivo magazine*, 23.7.2015 ; www.invivomagazine.com/fr/focus/dossier/article/194/traiter-moins-pour-mieux-soigner
- « La clope dès 16 ans : c'est bientôt fini. », in *Le Nouvelliste*, 24.04.2015
- « Trop de dépistage? », in *CQFD*, *La 1ère*, *Radio Suisse Romande*, 16.10.2014 ; www.rts.ch/audio/la-1ere/programmes/cqfd/6190781-trop-de-depistages-16-10-2014.html
- « Wo die Schweizer wie alt werden », in *SonntagsZeitung*, 7.9.2014 ; <http://blog.tagesanzeiger.ch/datenblog/index.php/5419/wo-die-schweizer-wie-alt-werden>
- « Swiss docs fire back at report against breast screening », in *AuntMinnie.com*, 27.8.2014; www.auntminnie.com/index.aspx?sec=ser&sub=def&pag=dis&itemid=108341

- « What's next? Revisiting the Swiss Medical Board mammo recommendations », in HealthImaging, 27.8.2014; www.healthimaging.com/topics/womens-health/what%E2%80%99s-next-revisiting-swiss-medical-board-mammo-recommendations
- « Les cas de mélanomes en hausse en Valais », in *Radio Rhône*, 20 & 21.7.2014 ; <http://2014.rhonefm.ch/fr/news/les-cas-de-melanomes-en-hausse-en-valais-mais-plus-de-depistage-aussi-118237>
- « El último arma de la epidemiología », in *Las Provincias*, Espagne, 4.7.2014 ; www.lasprovincias.es/tecnologia/internet/201406/04/ultimo-arma-epidemiologia-20140604133453-rc.html
- « Poids de naissance et pression artérielle chez les enfants », in *CQFD*, La 1^{ère}, Radio Suisse Romande ; 30.06.2014 www.rts.ch/audio/la-1ere/programmes/cqfd/5936301-poids-de-naissance-et-pression-arterielle-03-07-2014.html et <http://avisdexperts.ch/videos/view/2865/1>
- « When medicine goes too far » in *Invivo magazine*, 19.3.2014 ; www.invivomagazine.com/en/mens_sana/tendances/article/86/when-medicine-goes-too-far
- « Cette médecine qui en fait trop » in *Invivo magazine*, 19.3.2014 ; www.invivomagazine.com/fr/mens_sana/tendances/article/86/cette-medecine-qui-en-fait-trop
- « Le dépistage » in *L'Antidote*, Télévision Canal9, 20.1.2014 ; www.canal9.ch/television-valaisanne/emissions/antidote.html;
- « Dépister une maladie, oui mais... » in *Le Nouvelliste*, 17.10.2013 ; www.lenouvelliste.ch/fr/nosdossiers/sante/articles/id-1431-1226681
- « Surdiagnostic: ne pas diagnostiquer pour rien » in *Planète Santé*, 15.10.2013 ; www.planetesante.ch/Mag-sante/Medicaments-et-Examens/Surdiagnostic-ne-pas-diagnostiquer-pour-rien
- « Les écoliers face au tabagisme » in *Le Nouvelliste*, 25.4.2013 ; www.lenouvelliste.ch/fr/nosdossiers/sante/articles/les-ecoliers-face-au-tabagisme-1431-1174109
- « Review questions blood pressure tests for kids” interview by Andrew M. Seaman from Reuters, 8.1.2013, with reports notably in *Chicago Tribune* (www.chicagotribune.com/health/sns-rt-us-questions-bloodbre9060ug-20130107_0,7419380.story) and *Fox News* (www.foxnews.com/health/2013/01/08/review-questions-blood-pressure-tests-for-kids/)