



List of Publications (February 2022)

## Prof. Dr. Dr. med. Heike A. Bischoff-Ferrari, DrPH

### Total impact factor: 1140

- 133 Original Publications with a total impact factor: 721.9
- 88 Reviews with a total impact: 168.5
- 26 Consensus statements, editorials, letters with a total impact factor: 249.6
- 21 Book chapters

H-Index: 72

### A) Original Publications & Published Protocols of RCTs

#### DO-HEALTH

- 1) Jolliffe DA, Camargo CA Jr, Sluyter JD, Aglipay M, Aloia JF, Ganmaa D, Bergman P, **Bischoff-Ferrari HA**, Borzutzky A, Damsgaard CT, Dubnov-Raz G, Esposito S, Gilham C, Ginde AA, Golan-Tripto I, Goodall EC, Grant CC, Griffiths CJ, Hibbs AM, Janssens W, Khadilkar AV, Laaksi I, Lee MT, Loeb M, Maguire JL, Majak P, Mauger DT, Manaseki-Holland S, Murdoch DR, Nakashima A, Neale RE, Pham H, Rake C, Rees JR, Rosendahl J, Scragg R, Shah D, Shimizu Y, Simpson-Yap S, Trilok-Kumar G, Urashima M, Martineau AR. Vitamin D supplementation to prevent acute respiratory infections: a systematic review and meta-analysis of aggregate data from randomised controlled trials.  
*Lancet Diabetes Endocrinol.* **2021** May;9(5):276-292. (impact factor: 32.1)
- 2) Wieczorek M, Schwarz F, Sadlon A, Abderhalden LA, de Godoi Rezende Costa Molino C, Spahn DR, Schaer DJ, Orav EJ, Egli A, **Bischoff-Ferrari HA**; DO-HEALTH Research group. Iron deficiency and biomarkers of inflammation: a 3-year prospective analysis of the DO-HEALTH trial.  
*Aging Clin Exp Res.* 2021 Sep 17. doi: 10.1007/s40520-021-01955 (impact factor: 3.6)
- 3) **Bischoff-Ferrari HA**, Vellas B, Rizzoli R, Kressig RW, da Silva JAP, Blauth M, Felson DT, McCloskey EV, Watzl B, Hofbauer LC, Felsenberg D, Willett WEC, Dawson-Hughes B, Manson JE, Siebert U, Theiler R, Staehelin HB, de Godoi Rezende Costa Molino C, Chocano-Bedoya PO, Abderhalden LA, Egli A, Kanis JA, Orav EJ; DO-HEALTH Research Group. Effect of Vitamin D supplementation, omega-3 fatty acid supplementation, or a strength-training exercise program on clinical outcomes in older adults: The DO-HEALTH Randomized Clinical Trial.  
*JAMA* **2020** Nov 10;324(18):1855-1868. (impact factor: 45.5)
- 4) **Bischoff-Ferrari HA**, de Godoi Rezende Costa Molino C, Rival S, Vellas B, Rizzoli R, Kressig RW, Kanis JA, Manson JE, Dawson-Hughes B, Orav EJ, da Silva JAP, Blauth M, Felsenberg D, Ferrari SM, Theiler R, Egli A; DO-HEALTH Research Group. DO-HEALTH: Vitamin D3 – Omega-3 – Home exercise – Healthy aging and longevity trial – Design of a multinational clinical trial on healthy aging among European seniors.  
*Contemp Clin Trials* **2020** Aug 26;100:106124. (impact factor: 1.8)

#### Swiss Frailty Network & Repository SFNR

- 5) Gagesch M, Edler K, Chocano-Bedoya PO, Abderhalden LA, Seematter-Bagnoud L, Meyer T, Bertschi D, Zekry D, Büla CJ, Gold G, Kressig RW, Stuck AE, Bischoff-Ferrari HA. Swiss Frailty Network and Repository: protocol of a Swiss Personalized Health Network's driver project observational study.  
*BMJ Open.* **2021** Jul 14;11(7):e047429. (impact factor: 2.7)

#### Sarcopenia

- 6) Conzade R, Grill E, **Bischoff-Ferrari HA**, Ferrari U, Horsch A, Koenig W, Peters A, Thorand B. Vitamin D in relation to incident sarcopenia and changes in muscle parameters among older adults: The KORA-Age study.

- Calcif Tissue Int.* **2019** Aug;105 (2), 173-182. (impact factor: 3.3)
- 7) Faure AM, Fischer K, Dawson-Hughes B, Egli A, **Bischoff-Ferrari HA**. Gender-specific association between dietary acid load and total lean body mass and its dependency on protein intake in seniors. *Osteoporos Int.* **2017** Dec;28(12):3451-3462. (impact factor: 3.6)
- 8) **Bischoff-Ferrari HA**, Orav JE, Kanis JA, Rizzoli R, Schlögl M, Staehelin HB, Willett WC, Dawson-Hughes B. Comparative performance of current definitions of sarcopenia against the prospective incidence of falls among community-dwelling seniors age 65 and older. *Osteoporos Int.* **2015**; 26(12):2793-2802. (impact factor: 4.1)

#### Frailty

- 9) Fompeyrine C, Abderhalden LA, Mantegazza N, Hofstetter N, Bieri-Brüning G, **Bischoff-Ferrari HA**, Gagesch M. Frailty is associated with increased mortality in older adults 12 months after discharge from post-acute care in Swiss nursing homes. *J Frailty Aging.* **2021**;10(3):233-236. (impact factor: 2.7)
- 10) Stuck AK, Mangold JM, Wittwer R, Limacher A, **Bischoff-Ferrari HA**. Ability of 3 Frailty Measures to Predict Short-Term Outcomes in Older Patients Admitted for Post-Acute Inpatient Rehabilitation. *J Am Med Dir Assoc.* **2021** Oct 20:S1525-8610(21)00865-3. (impact factor: 4.7)

#### Vitamin D and fracture prevention

- 11) **Bischoff-Ferrari HA**, Orav EJ, Willett WC, et al. A pooled analysis of vitamin D dose requirements for fracture prevention. *N Engl J Med.* **2012** Jul 5;367(1):40-9. (impact factor: 53.4)
- 12) **Bischoff-Ferrari HA**, Willett WC, Wong JB, Stuck A, Staehelin HB, Orav JE, Thoma A, Kiel DP, Henschkowski J. Prevention of non-vertebral fractures with oral vitamin D is dose dependent: a Meta-analysis of RCTs. *Archives of Internal Medicine,* **2009**; 169(6):551-61. (impact factor: 10.6)
- 13) Boonen S, Lips P, Bouillon R, **Bischoff-Ferrari HA**, Vanderschueren D, Haentjens P. Need for additional calcium to reduce the risk of hip fracture with vitamin D supplementation: evidence from a comparative meta-analysis of randomized controlled trials. *J Clin Endocrinol Metab.* **2007**; 92(4):1415-23. (impact factor: 6.2)
- 14) **Bischoff-Ferrari HA**, Willett WC, Wong JB, Giovannucci E, Dietrich T, Dawson-Hughes B. Fracture Prevention by Vitamin D Supplementation: A Meta-Analysis of Randomized Controlled Trials. *JAMA,* **2005**; 293(18):2257-64. (impact factor: 28.9)

#### Vitamin D and bone density

- 15) Schild A, Herter-Aeberli I, Fattinger K, Anderegg S, Schulze-König T, Vockenhuber C, Synal HA, **Bischoff-Ferrari H**, Weber P, von Eckardstein A, Zimmermann MB. Oral Vitamin D Supplements Increase Serum 25-Hydroxyvitamin D in Postmenopausal Women and Reduce Bone Calcium Flux Measured by <sup>41</sup>Ca Skeletal Labeling. *J Nutr.* **2015**; 145(10):2333-2340. (impact factor: 3.9)
- 16) **Bischoff-Ferrari HA**, Kiel DP, Dawson-Hughes B, Orav JE, Li R, Spiegelman D, Dietrich T, Willett WC. Dietary calcium and serum 25-hydroxyvitamin D status in relation to bone mineral density among U.S. adults. *JBMR* **2009**; 24(5):935-42. (impact factor: 6.0)
- 17) **Bischoff-Ferrari HA**, Dietrich T, Orav EJ, Dawson-Hughes C. Positive Association between 25-Hydroxyvitamin D Levels and Bone Mineral Density: a Population-Based Study of Younger and Older Adults. *American Journal of Medicine* **2004**; 116(9):634-9. (impact factor: 5.0)

#### Fragility fracture care

- 18) Palzer M, Meyer U, Abderhalden LA, Gazzotti A, Hierholzer C, **Bischoff-Ferrari HA**, Freystätter G. Acute geriatric treatment of older trauma patients : Influence on mobility, autonomy and postdischarge destination. *Z Gerontol Geriatr.* **2021** Dec;54(8):816-822. (impact factor: 1.2)

- 19) Halvachizadeh S, Gröbli L, Berk T, Jensen KO, Hierholzer C, **Bischoff-Ferrari HA**, Pfeifer R, Pape HC. The effect of geriatric comanagement (GC) in geriatric trauma patients with treated in a level 1 trauma setting: A comparison of data before and after the implementation of a certified geriatric trauma center.  
*PLoS One* **2021** Jan 11;16(1):e0244554 (impact factor: 3.2)
- 20) Tröster T, Thalmann M, Fischer K, Bieri-Brünig G, Beeler PE, Bischoff-Ferrari HA, Gagesch M. Frailty, underweight and impaired mobility are associated with institutionalization after post-acute care.  
*Swiss Med Wkly* **2020** Jun 17;150:w20276. (impact factor: 1.8)
- 21) Thalmann M, Tröster T, Fischer K, Bieri-Brünig G, Beeler PE, **Bischoff-Ferrari HA**, Gagesch M. Do older adults benefit from post-acute care following hospitalisation? A prospective cohort study at three Swiss nursing homes.  
*Swiss Med Wkly* **2020** Feb 24;150:w20198. (impact factor: 1.8)
- 22) Degen T, Fischer K, Theiler R, Schären S, Meyer OW, Wanner G, Chocano-Bedoya P, Simmen HP, Schmid UD, Steurer J, Stähelin HB, Mantegazza N, Bischoff-Ferrari HA. Outcomes after spinal stenosis surgery by type of surgery in adults aged 60 years and older.  
*Swiss Med Wkly* **2020** Sep 20;150:w20325. (impact factor: 1.8)
- 23) Jensen KO, Lempert M, Sprengel K, Simmen HP, Pothmann C, Schlögl M, **Bischoff-Ferrari HA**, Hierholzer, C, Pape HC, Neuhaus V. Is there any difference in the outcome of geriatric and non-geriatric severely injured patients? A seven-year, retrospective, observational cohort study with matched-pair analysis.  
*J Clin Med* **2020** Nov 3;9(11):3544. (impact factor: 3.3)
- 24) Palzer M, Meyer U, Abderhalden LA, Gazzotti A, Hierholzer C, **Bischoff-Ferrari HA**, Freystätter G. [Acute geriatric treatment of older trauma patients: influence on mobility, autonomy and postdischarge destination].  
*Z Gerontol Geriatr* **2020** Nov 17 (impact factor: 0.9)
- 25) Gratzka SK, Chocano-Bedoya PO, Orav EJ, Fischbacher M, Freystätter G, Theiler R, Egli a, Kressig RW, Kanis JA, **Bischoff-Ferrari HA**. Influence of fall environment and fall direction on risk of injury among pre-frail and frail adults.  
*Osteoporos Int* **2019** Nov;30(11), 2205-2015 (impact factor: 3.8)
- 26) Wiegand A, Zieger A, Staiger RD, Egli A, Freystätter G, **Bischoff-Ferrari HA**, Chocano-Bedoya P. Association of depression with malnutrition, grip strength and impaired cognitive function among senior trauma patients.  
*J Affect Disord.* **2019** Mar 15;247:175-182. (impact factor: 3.8)
- 27) Nardi M, Fischer K, Dawson-Hughes B, Orav EJ, Meyer OW, Meyer U, Beck S, Simmen HP, Pape HC, Egli A, Willett WC, Theiler R, **Bischoff-Ferrari HA**. Association between Caregiver Role and Short- and Long-Term Functional Recovery after Hip Fracture: A Prospective Study.  
*J Am Med Dir Assoc.* **2018** Feb;19(2):122-129. (impact factor: 5.8)
- 28) Müller FS, Meyer OW, Chocano-Bedoya P, Schietzel S, Gagesch M, Freystaetter G, Neuhaus V, Simmen HP, Langhans W, **Bischoff-Ferrari HA**. Impaired nutritional status in geriatric trauma patients.  
*Eur J Clin Nutr.* **2017** May;71(5):602-606. (impact factor: 3.1)
- 29) Segna D, Bauer DC, Feller M, Schneider C, Fink HA, Aubert CE, Collet TH, da Costa BR, Fischer K, Peeters RP, Cappola AR, Blum MR, van Dorland HA, Robbins J, Naylor K, Eastell R, Uitterlinden AG, Rivadeneira Ramirez F, Gogakos A, Gussekloo J, Williams GR, Schwartz A, Cauley JA, Aujesky DA, **Bischoff-Ferrari HA**, Rodondi N; Thyroid Studies Collaboration. Association between subclinical thyroid dysfunction and change in bone mineral density in prospective cohorts.  
*J Intern Med.* **2018** Jan;283(1):56-72. (impact factor: 8.0)
- 30) Maier S, Sidelnikov E, Dawson-Hughes B, Egli A, Theiler R, Platz A, Staehelin HB, Simmen HP, Meier C, Dick W, Grob D, von Eckardstein A, **Bischoff-Ferrari HA**. Before and after hip fracture, vitamin D deficiency may not be treated sufficiently.  
*Osteoporos Int.* **2013** Nov;24(11):2765-73. (impact factor: 4.0)

### Vitamin D and fall prevention

- 31) Dawson-Hughes B, Wang J, Barger K, **Bischoff-Ferrari HA**, Sempos CT, Durazo-Arvizu RA, Ceglia L. Intra-trial mean 25(OH)D and PTH levels and risk of falling in older men and women in the Boston STOP IT trial. *J Clin Endocrinol Metab.* **2022** Jan 12:dgac 012. Doi. (impact factor: 5.6)
- 32) Renerts K, Fischer K, Dawson-Hughes B, Orav EJ, Freystätter G, Simmen H-P, Pape H-C, Egli A, Theiler R, **Bischoff-Ferrari HA**. Effects of a simple home exercise program and vitamin D supplementation on health-related quality of life after a hip fracture: a randomized controlled trial. *Qual Life Res* **2019 May**;28(5), 1377-1386. (impact factor: 2.5)
- 33) **Bischoff-Ferrari HA**, Dawson-Hughes B, Orav JE, Staehelin HB, Meyer OW, Theiler R, Dick W, Willett WC, Egli A. Monthly high-dose Vitamin D treatment for the prevention of functional decline: a randomized clinical trial. *JAMA Internal Medicine*, **2016**. (impact factor: 15.0)
- 34) **Bischoff-Ferrari HA**, Dawson-Hughes B, Staehelin HB, Orav E J, Stuck AE, Theiler R, Wong J B, Egli A, Kiel DP. Fall prevention with supplemental and alpha-hydroxylated vitamin D: a meta-analysis of randomized controlled trials. *British Medical Journal*, **2009**, 339:b3692. doi: 10.1136/bmj.b3692. (impact factor: 17.6)
- 35) **Bischoff-Ferrari HA**, Orav EJ, Dawson-Hughes B. Additive benefit of higher testosterone levels and vitamin D plus calcium supplementation in regard to fall risk reduction among older men and women. *Osteoporosis International* **2008**; 19(9):1307-14. (impact factor 4.9)
- 36) Broe KE, Chen TC, Weinberg J, **Bischoff-Ferrari HA**, Holick MF, Kiel DP. A higher dose of vitamin D reduces the risk of falls in nursing home residents: a randomized, multiple-dose study. *Journal of the American Geriatrics Society.* **2007**; 55(2):234-9. (impact factor: 3.7)
- 37) **Bischoff-Ferrari HA**, EJ Orav, Dawson-Hughes B. Effect of vitamin D plus calcium on falling in ambulatory older men and women: a 3-year randomized controlled trial. *Archives of Internal Medicine* **2006**; 166(4):424-30. (impact factor 9.8)
- 38) **Bischoff-Ferrari HA**, Dawson-Hughes B, Willett WC, Stähelin HB, Bazemore MG, Zee RY, Wong JB. Fall Prevention by Vitamin D: A Meta-Analysis. *JAMA* **2004**; 28;291(16):1999-2006. (impact factor: 28.9)
- 39) Dukas L, **Bischoff HA**, Schacht E, Birkner-Binder D, Thalmann B, Binder K, Stähelin HB. Alphacalcidol reduces the number of fallers in a community-dwelling elderly population with a minimum calcium intake of 500 mg daily. *J Am Geriatr Soc.* **2004**; 52(2):230-6. (impact factor: 3.7)
- 40) **Bischoff HA**, Stähelin HB, Dick W, Akos R, Knecht M, Salis C, Nebiker M, Theiler R, Pfeiffer M, Begerow B, Lew R, Conzelmann M. Effects of vitamin D and calcium supplementation on falls in the elderly: a randomized controlled trial. *JBMR.* **2003**; 18(2):343-51. (impact factor: 6.0)

### Vitamin D effects on muscle – In situ detection of VDR in Muscle

- 41) Meyer O, Dawson-Hughes B, Sidelnikov E, Egli A, Grob D, Staehelin HB, Theiler G, Kressig RW, Simmen HP, Theiler R, **Bischoff-Ferrari HA**. Calcifediol versus vitamin D3 effects on gait speed and trunk sway in young postmenopausal women: a double-blind randomized controlled trial. *Osteoporos Int* **2015**; 26(1):373-81. (Impact factor: 4.2)
- 42) Ceglia L, Niramitmahapanya S, Morais MD, Rivas DA, Harris SS, **Bischoff-Ferrari H**, Fielding RA, Dawson-Hughes B. A randomized study on the effect of vitamin D3 supplementation on skeletal muscle morphology and vitamin D receptor concentration in older women. *J Clin Endocrinol Metab.* **2013**; 98(12):E1927-35. (impact factor: 6.4)
- 43) Ceglia L, Morais M, Park L; Morris E; Harris SS; **Bischoff-Ferrari HA**; Fielding RA; Dawson-Hughes B. Multi-step immunofluorescent analysis of vitamin D receptor loci and myosin heavy chain isoforms in human skeletal muscle. *Journal of Molecular Histology*, **2010**; page 137-42. (impact factor: 1.5)

- 44) Dukas L, Staehelin HB, Schacht E, **Bischoff HA**. Better functional mobility in community-dwelling elderly is related to D-hormone serum levels and to daily calcium intake.  
*J Nutr Health Aging*. **2005**;9(5):347-51. (impact factor: 1.7)
- 45) **Bischoff-Ferrari HA**, Borchers M, Gudat F, Dürmüller U, Stähelin HB, Dick W. Vitamin D receptor expression in human muscle tissue is reduced with age.  
*JBMR*. **2004**; 19(2):265-9. (impact factor: 6.0)
- 46) **Bischoff-Ferrari HA**, Dietrich T, Orav EJ, Hu FB, Zhang Y, Karlson WE, Dawson-Hughes B. Higher 25-hydroxyvitamin D levels are associated with better lower-extremity function in both active and inactive adults 60+ years of age.  
*Am J Clin Nutr*. **2004**; 80(3):752-8. (impact factor: 6.3)
- 47) **Bischoff HA**, Borchers M, Gudat F, Duermueller U. Theiler R, Stähelin HB, Dick W. In situ detection of 1,25-dihydroxyvitamin D3 receptor in human skeletal muscle tissue.  
*Histochem J* **2001**; 33(1):19-24. (impact factor: 1.5)
- 48) **Bischoff HA**, Stähelin HB, Urscheler N, Ehram R, Vonthein R, Perrig-Chiello P, Tyndall A, Theiler R. Muscle strength in the elderly: its relationship to vitamin D metabolites.  
*Arch Phys Med Rehab* **1999**;80:54-8. (impact factor: 2.3)

#### Exercise and fall prevention / Post-hip fracture care

- 49) Wald P, Chocano-Bedoya PO, Meyer U, Orav EJ, Egli A, Theiler R, **Bischoff-Ferrari HA**. Comparative Effectiveness of functional Tests in fall prediction after hip fracture.  
*J Am Med Dir Assoc* **2020** Sep;21(9):1327-1330. (impact factor: 4.4)
- 50) Mattle M, Chocano-Bedoya P, Fischbacher M, Meyer U, Abderhalden LA, Lang W, Mansky R, Kressig RW, Steurer J, Orav EJ, **Bischoff-Ferrari HA**. Association of dance-based mind-motor activities with falls and physical function among healthy older adults: A systematic review and meta-analysis.  
*JAMA Netw Open*. **2020** Sep 1;3(3):e2017688. (impact factor: 5.0)
- 51) Fischer K, Trombik M, Freystätter G, Egli A, Theiler R, **Bischoff-Ferrari HA**. Timeline of functional recovery after hip fracture in seniors aged 65 and older: a prospective observational analysis.  
*Osteoporos Int* **2019** Jul;30(7), 1371-1381. (impact factor: 3.8)
- 52) Stemmler J, Marzel A, Chocano-Bedoya PO, Orav EJ, Dawson-Hughes B, Freystätter G, Egli A, Theiler R, Staehelin HB, **Bischoff-Ferrari HA**. Effect of 800 IU versus 2000 IU vitamin D3 with or without a simple home exercise program on functional recovery after hip fracture: a randomized controlled trial.  
*J Am Med Dir Assoc.*, **2019**;20(5),530-536.e1 (impact factor: 5.3)
- 53) **Bischoff-Ferrari HA**, Dawson-Hughes B, Platz A, Orav EJ, Stähelin HB, Willett WC, Can U, Egli A, Mueller NJ, Looser S, Bretscher B, Minder E, Vergopoulos A, Theiler R. Effect of high-dose vitamin D and extended physiotherapy on complications after hip fracture: a randomized controlled trial.  
*Archives of Internal Medicine*, **2010**; 170(9):813-20. (impact factor: 9.8)
- 54) **Bischoff HA**, Conzelmann M, Lindemann D, Singer-Lindpaintner L, Stucki G, Vonthein R, Dick W, Theiler R, Stähelin HB. Self-reported exercise prior to age 40: influence on quantitative skeletal ultrasound and fall risk in the elderly.  
*Arch Phys Med Rehab* **2001**; 82(6):801-6. (impact factor: 2.2)

#### Calcium (supplements and diet) and fracture prevention

- 55) Feskanich D, Meyer HE, Fung TT, **Bischoff-Ferrari HA**, Willett WC. Milk and other dairy foods and risk of hip fracture in men and women.  
*Osteoporos Int*. **2018** Feb;29(2):385-396. (impact factor: 3.6)
- 56) Feskanich D, **Bischoff-Ferrari HA**, Frazier AL, Willett WC. Milk Consumption During Teenage Years and Risk of Hip Fractures in Older Adults.  
*JAMA Pediatr*. **2014** Jan; 168(1):54-60. (impact factor: 4.1)

- 57) **Bischoff-Ferrari HA**, Dawson-Hughes B, Baron JA, Kanis JA, Orav EJ, Staehelin HB, Kiel DP, Burckhardt P, Henschkowski J, Spiegelman D, Li R, Wong JB, Feskanich D, Willett WC. Milk Intake and Risk of Hip Fracture in Men and Women: A Meta-Analysis of Prospective Cohort Studies. *Journal of Bone and Mineral Research* **2011**; 26(4):833-9. (impact factor 6.0)
- 58) **Bischoff-Ferrari HA**, Rees JR, Grau MV, Barry E, Gui J, Baron JA. Effect of calcium supplementation on fracture risk: a double-blind randomized controlled trial. *Am J Clin Nutr* **2008**; 87(6):1945-51. (impact factor: 6.3)
- 59) **Bischoff-Ferrari HA**, Dawson-Hughes B, Baron JA, Burckhardt B, Specker B, Willett WC et al. Calcium intake and risk of hip fracture in men and women: A meta-analysis of prospective cohort studies and randomized controlled trials. *Am J Clin Nutr* **2007**; 86(6):1780-90. (impact factor: 6.3)

#### Vitamin D deficiency, prevalence and its effect on bone metabolism

- 60) Mueller NJ, Fux CA, Ledergerber B, Elzi L, Schmid P, Dang T, Magenta L, Calmy A, Vergopoulos A, Swiss HIV Cohort Study, **Bischoff-Ferrari HA**. High prevalence of severe vitamin D deficiency in cART naïve and successfully treated Swiss HIV patients. *AIDS* **2010**; 24(8):1127-34. (impact factor: 5.8)
- 61) von Restorff C, **Bischoff-Ferrari HA**, Theiler R. High-dose oral vitamin D3 supplementation in rheumatology patients with severe vitamin D3 deficiency. *Bone*, **2009**; 45(4):747-9. (impact factor 4.1)
- 62) **Bischoff-Ferrari HA**, Chan U, Platz A, Staehelin HA, Michel BA, Henschkowski J, Dawson-Hughes B, Theiler R. Severe Vitamin D Deficiency in Swiss Hip Fracture Patients. *Bone* **2008**; 42(3):597-602 (impact factor 4.1)
- 63) **Bischoff-Ferrari HA**, Zhang Y, Kiel DP, Felson DT. Positive Association between Serum 25-hydroxyvitamin D Level and Bone Density in Osteoarthritis. *Arthritis Rheum.* **2005**; 53(6):821-6. (impact factor 7.4)
- 64) Theiler R, Stähelin HB, Kränzlin M, Somorjai G, Singer-Lindpaintner L, Conzelmann M, Geusens P, **Bischoff HA**. Influence of physical mobility and season on 25-hydroxyvitamin D – parathyroid hormone interaction and bone remodeling in the elderly. *Eur J Endocrinol* **2000**; 143(5):673-9. (impact factor: 2.6)
- 65) Theiler R, Stähelin HB, Tyndall A, Binder K, Somorjai B, **Bischoff HA**. Calcidiol, calcitriol and parathyroid hormone serum concentrations in institutionalised and ambulatory elderly in Switzerland. *Intl J Vitam Nutr Res* **1999**; 69(2):96-105. (impact factor: 0.9)
- 66) Theiler R, **Bischoff HA**, Tyndall A, Stähelin HB. Elevated PTH levels in hypovitaminosis D are more rapidly suppressed by the administration of 1,25-dihydroxyvitamin D 3 than by vitamin D 3. *Intl J Vitam Nutr Res* **1998**; 68(1):36-41. (impact factor: 0.9)

#### Vitamin D -- cardiovascular effects and immunity

- 67) Grüber MR, Zittermann A, Verheyen ND, Trummer C, Theiler-Schwetz V, Keppel MH, Malle O, Richtig G, Gängler S, **Bischoff-Ferrari H**, Scharnagl H, Meinitzer A, März W, Tomaschitz A, Pilz S. Randomized trial of vitamin D versus placebo supplementation on markers of systemic inflammation in hypertensive patients. *Nutr Metab Cardiovasc Dis.* **2021** Oct 28;31(11):3202-3209. (impact factor: 4.2)
- 68) Abderhalden LA, Meyer S, Dawson-Hughes B, Orav EJ, Meyer U, de Godoi Rezende Costa Molino C, Theiler R, Stähelin HB, Ruschitzka F, Egli A, Forman JP, Willett WC, **Bischoff-Ferrari HA**. Effect of daily 2000 IU versus 800 IU vitamin D on blood pressure among adults age 60 years and older: a randomized clinical trial. *Am J Clin Nutr* **2020** Sep 1;112(3):527-537. (impact factor: 6.8)
- 69) Mathieu SV, Fischer K, Dawson-Hughes B, Freystätter G, Beuschlein F, Schietzel S, Egli A, **Bischoff-Ferrari HA**. Association between 25-Hydroxyvitamin D status and components of body composition and glucose metabolism in older men and women. *Nutrients.* 2018 Nov 25;10(12). (impact factor: 4.2)

- 70) **Bischoff-Ferrari HA**, Fischer K, Orav EJ, Dawson-Hughes B, Meyer U, Chocano-Bedoya PO, Meyer OW, Ernst R, Schietzel S, Eberli F, Staehelin HB, Freystätter G, Roas S, Theiler R, Egli a, Wilson NM. Statin Use and 25-Hydroxyvitamin D blood level response to vitamin D treatment of older adults.  
*J Am Geriatr Soc.* **2017 Jun**;65(6):1267-1273 (impact factor: 3.8)
- 71) Puhan MA, Siebeling L, Frei A, Zoller M, **Bischoff-Ferrari H**, Ter Riet G. No association of 25-hydroxyvitamin D with exacerbations in primary care patients with COPD.  
*Chest.* **2014 Jan**; 145(1):37-43. (impact factor: 5.8)
- 72) Baur K, Mertens JC, Schmitt J, Iwata R, Stieger B, Frei P, Seifert B, **Bischoff-Ferrari HA**, von Eckardstein A, Müllhaupt B, Geier A; Swiss Hepatitis C Cohort Study Group. The vitamin D receptor gene bAt (CCA) haplotype impairs the response to pegylated-interferon/ribavirin-based therapy in chronic hepatitis C patients.  
*Antivir Ther* **2012**;17(3):541-7. (Impact factor: 3.1)
- 73) Bischoff-Ferrari HA**, Dawson-Hughes B, Stöcklin E, Sidelnikov E, Willett WC, Orav EJ, Stähelin HB, Wolfram S, Jetter A, Schwager J, Henschkowski J, von Eckardstein A, Egli A. Oral supplementation with 25(OH)D<sub>3</sub> versus vitamin D<sub>3</sub>: Effects on 25(OH)D levels, lower extremity function, blood pressure and markers of innate immunity.  
*J Bone Miner Res.* **2012 Jan**;27(1):160-9. (impact factor 7.0)
- 74) Forman JP, Giovannucci E, Holmes MD, **Bischoff-Ferrari HA**, Tworoger SS, Willett WC, Curhan GC. Plasma 25-Hydroxyvitamin D Levels and Risk of Incident Hypertension.  
*Hypertension.* **2007**; 49(5):1063-9. (impact factor 6.6)
- 75) Forman JP, Bischoff-Ferrari HA**, Willett WC, Stampfer MJ, Curhan GC. Vitamin D and risk of incident hypertension:results from 3 large cohort studies.  
*Hypertension.* **2005**; 46:676-82. (impact factor 6.6)

#### Early risk screening for cardiovascular disease

- 76) Schwandt P, **Bischoff-Ferrari HA**, Staehelin HB, Haas GM. Cardiovascular risk screening in school children predicts risk in parents.  
*Atherosclerosis.* **2009**; 205(2):626-31. (impact factor: 4.3)

#### Benefit-risk assessment of vitamin D

- 77) Weaver CM, **Bischoff-Ferrari HA**, Shanahan CJ. Cost-Benefit analysis of calcium and vitamin D supplement.  
*Arch Osteoporos* **2019 Apr**;14(1), 50. (impact factor 2.5)
- 78) Grant WB, Karras SN, **Bischoff-Ferrari HA**, Annweiler C, Boucher BJ, Juzeniene A, Garland CF, Holick MF. Do studies reporting “U”-shaped serum 25-hydroxyvitamin D-health outcome relationships reflect adverse effects?  
*Dermatoendocrinol.* **2016**;8(1):e1187349. Doi:10.1080/19381980.2016.1187349 (impact Factor: 0.00)
- 79) **Bischoff-Ferrari HA**, Dawson-Hughes B, Shao A, Hathcock J, Giovannucci E, Willett WC. Benefit-risk assessment of vitamin D.  
*Osteoporosis International.* **2010**; 21(7):1121-32. (impact factor 4.9)
- 80) **Bischoff-Ferrari HA**, Willett WC, Giovannucci E, Dietrich T, Dawson-Hughes B. Estimation of optimal 25-hydroxyvitamin D levels for multiple health outcomes.  
*American Journal of Clinical Nutrition,* **2006**; 84(1):18-28. (impact factor: 6.3)

#### Pharmacokinetics of vitamin D and calcifediol

- 81) Minisola S, Cianferotti L, Biondi P, Cipriani C, Fossi C, Franceschelli F, Giusti F, Leoncini G, Pepe J, **Bischoff-Ferrari HA**, Brandi ML. Correction of vitamin D status by calcidiol: pharmacokinetic profile, safety, and biochemical effects on bone and mineral metabolism of daily and weekly dosage regimens: response to comments by Chen et al.  
*Osteoporos Int.* **2018 May**;29(5)1219-1220. (impact factor 3.9)
- 82) Minisola S, Cianferotti L, Biondi P, Cipriani C, Fossi C, Franceschelli F, Giusti F, Leoncini G, Pepe J, **Bischoff-Ferrari HA**, Brandi ML. Correction of vitamin D status by calcidiol: pharmacokinetic profile, safety, and biochemical effects on bone and mineral metabolism of daily and weekly dosage regimens.

*Osteoporos Int.* **2017** Nov;28(11):3239-3249. (impact factor 3.6)

- 83) Jetter A, Egli A, Dawson-Hughes B, Staehelin HB, Stoecklin E, Goessl R, Henschkowski J, **Bischoff-Ferrari HA**. Pharmacokinetics of oral vitamin D(3) and calcifediol. *Bone.* **2014** Feb;59:14-9. PubMed PMID: 24516879. (impact factor 4.1)

#### Vitamin D and dental health in younger and older adults

- 84) Dietrich T, Nunn M, Dawson-Hughes B, **Bischoff-Ferrari HA**. The association between serum concentrations of 25-hydroxyvitamin D3 and gingival inflammation. *Am J Clin Nutr.* **2005**; 82(3):575-80. (impact factor: 6.3)
- 85) Dietrich T, Joshipura KJ, Dawson-Hughes B, **Bischoff-Ferrari HA**. Association between 25-OH Vitamin D3 and Periodontal Disease. *Am J Clin Nutr.* **2004**; 80(1):108-13. (impact factor: 6.3)

#### Vitamin D and cognitive function / fatigue / mental health / pain / glucose metabolism

- 86) Grübler MR, Gängler S, Egli A, **Bischoff-Ferrari HA**. Effects of vitamin D3 on glucose metabolism in patients with severe osteoarthritis: A randomized double-blind trial comparing daily 2000 with 800 IU vitamin D3. *Diabetes Obes Metab.* **2021** Apr;23(4):1011-1019. (impact factor: 6.6)
- 87) Schietzel S, Brugger P, Orav EJ, Renerts K, Gagesch M, Freystätter G, Stähelin HB, Egli A, **Bischoff-Ferrari HA**. Effect of 2000 IU compared with 800 IU vitamin D on cognitive performance among adults age 60 years and older: a randomized controlled trial. *Am J Clin Nutr* **2019** Jul;110(1), 246-253. (impact factor: 6.6)
- 88) Schlögl M, Chocano-Bedoya P, Dawson-Hughes B, Orav EJ, Freystätter G, Theiler R, Kressig RW, Egli A, **Bischoff-Ferrari HA**. Effect of monthly vitamin D on chronic pain among community-dwelling seniors: a randomized, double-blind controlled trial. *J Am Med Dir Assoc* **2019**;20(3), 356-361. (impact factor 5.3)
- 89) Gugger A, Marzel A, Orav EJ, Willett WC, Dawson-Hughes B, Theiler R, Freystätter G, Egli A, **Bischoff-Ferrari HA**. Effect of monthly high dose vitamin D on mental health in older adults: secondary analysis of a RCT. *J Am Geriatr Soc.* **2019**; 67(6), 1211-1217. (impact factor: 4.2)
- 90) Nowak A, Boesch L, Andres E, Battegay E, Hornemann T, Schmid C, **Bischoff-Ferrari HA**, Suter PM, Krayenbuehl PA. Effect of vitamin D3 on self-perceived fatigue: A double-blind randomized placebo-controlled trial. *Medicine (Baltimore).* **2016**; 95(52):e5353. (impact factor: 2.1)
- 91) Gschwind YJ, **Bischoff-Ferrari HA**, Bridenbaugh SA, Härdi I, Kressig RW. Association between Serum Vitamin D Status and Functional Mobility in Memory Clinic Patients Aged 65 Years and Older. *Gerontology.* **2014**; 60(2):123-9. (impact factor: 2.6)

#### Fracture epidemiology at higher age

- 92) Finsterwald M, Sidelnikov E, Orav EJ, Dawson-Hughes B, Theiler R, Egli A, Platz A, Simmen HP, Meier C, Grob D, Beck S, Stähelin HB, **Bischoff-Ferrari HA**. Gender-specific hip fracture risk in community-dwelling and institutionalized seniors age 65 years and older. *Osteoporos Int.* **2014** Jan;25(1):167-76. (impact factor 4.0)
- 93)** Schaller F, Sidelnikov E, Theiler R, Egli A, Staehelin HB, Dick W, Dawson-Hughes B, Grob D, Platz A, Can U, **Bischoff-Ferrari HA**. Mild to moderate cognitive impairment is a major risk factor for mortality and nursing home admission in the first year after hip fracture. *Bone.* **2012** Sept; 51(3):347-52. (impact factor 4.6)
- 94) **Bischoff-Ferrari HA**, Orav JE, Baron JA. Effect of seasonality and weather on fracture risk in individuals 65 years and older. *Osteoporosis International.* **2007**; 18(9):1225-33. (impact factor 4.0)

#### Immobility in seniors and adverse effects on bone metabolism



- 95) **Bischoff HA**, Vogt P, Friderich P, Vonthein R, Stähelin HB, Tyndall A, Theiler R. Immobility as a major cause of bone remodelling in institutionalized elderly people.  
*Calcif Tissue Int* **1999**;64:485-9. (impact factor: 2.7)
- 96) Theiler R, Stähelin HB, Kränzlin M, Tyndall A, **Bischoff HA**. High bone turnover in elderly people.  
*Arch Phys Med Rehabil* **1999**; 80(5):485-9. (impact factor: 2.2)

#### Validation of geriatric outcome measures

- 97) Gazzotti A, Meyer U, Freystätter G, Palzer M, Theiler R, Abderhalden L, **Bischoff-Ferrari HA**. Physical performance among patients aged 70+ in acute care: a preliminary comparison between the short physical performance battery and the De Morton Mobility Index with regard to sensitivity to change and prediction of discharge destination.  
*Aging Clin Exp Res* **2019** Jul 8 [Epub ahead of print] (impact factor 2.3)
- 98) Teister CJ, Chocano-Bedoya PO, Orav EJ, Dawson-Hughes B, Meyer U, Meyer OW, Freystaetter G, Gagesch M, Rizzoli R, Egli A, Theiler R, Kanis JA, **Bischoff-Ferrari HA**. Which method of fall ascertainment captures the most falls in prefrail and frail seniors?  
*Am J Epidemiol.* **2018**; Oct 1;187(10):2243-2251. (impact factor 4.3)
- 99) Schmidt BR, Moos RM, Könü-Leblebicioglu D, **Bischoff-Ferrari HA**, Simmen HP, Pape HC, Neuhaus V. Higher age is a major driver of in-hospital adverse events independent of comorbid diseases among patients with isolated mild traumatic brain injury.  
*Eur J Trauma Emerg Surg.* **2019**;45(2), 191-198. (impact factor 1.7)
- 100) **Bischoff-Ferrari HA**, Conzelmann M, Stähelin HB, Dick W, Carpenter MG, Adkin A, Theiler R, Pfeifer M, Allum JHJ. Is fall prevention by vitamin D mediated by a change in postural or dynamic balance?  
*Osteoporosis International* **2006**; 17(5):656-63. (impact factor 4.9)
- 101) **Bischoff HA**, Stähelin HB, Iversen MD, Monsch AU, Weyh A, von Dechend M, Akos R, Conzelmann M, Dick W, Theiler R. Identifying a cutoff point for normal mobility: a comparison of the timed “up and go” test in community dwelling and institutionalized elderly women.  
*Age Ageing* **2003**; 32(3):315-20. (impact factor: 3.1)
- 102) De Hoon EWJ, Allum JHJ, Carpenter MG, Salis C, Bloem BR, Conzelmann M, **Bischoff HA**. Quantitative assessment of the “stop walking when talking test” in the elderly.  
*Arch Phys Med Rehabil.* **2003** Jun;84(6):838-42. (impact factor: 2.2)
- 103) **Bischoff HA**, Theiler R, Lindemann D, Dick W, Conzelmann M, Staehelin HB. No influence of osteoarthritis of the hand on phalangeal osteosonography in elderly women.  
*J Clin Densitom* **2000**; 3(4):353-7. (impact factor: 2.4)

#### Validation of a touch-screen computer-based questionnaire application in seniors

- 104) **Bischoff-Ferrari HA**, Vondechend M, Bellamy N, Theiler R. Validation and Patient Acceptance of a Computer Touch Screen Version of the WOMAC 3.1 Osteoarthritis Index.  
*Ann Rheum Dis.* **2005**; 64(1):80-4. (impact factor: 8.1)
- 105) Schaeren S, **Bischoff-Ferrari HA**, Knupp M, Dick W, Huber JF, Theiler R. A Computer Touch Screen Version of the North American Spine Society outcome assessment instrument for the lumbar spine.  
*Journal of Bone and Joint Surgery (British Volume).* **2005**; 87(2):201-4. (impact factor: 2.6)
- 106) Theiler R, **Bischoff-Ferrari HA**, Good M, Bellamy N. Responsiveness of the electronic touch screen WOMAC 3.1 OA Index in a short-term clinical trial with rofecoxib.  
*Osteoarthritis Cartilage.* **2004**; 12(11):912-6. (impact factor: 4.6)
- 107) Theiler R, Spielberger J, **Bischoff HA**, Bellamy N, Huber J, Kroesen S. Clinical evaluation of the WOMAC 3.0 OA Index in numeric rating scale format using a computerized touch screen version.  
*Osteoarthritis Cartilage* **2002**; 10(6):479-81. (impact factor 4.6)

#### Osteoarthritis outcome research

- 108) Grübler MR, Gängler S, Egli A, **Bischoff-Ferrari HA**. Effects of vitamin D3 on glucose metabolism in patients with severe osteoarthritis: A randomized double-blind trial comparing daily 2000 with 800 IU vitamin D3.  
*Diabetes Obes Metab* **2020** Dec 28 (impact factor 5.9)
- 109) Freystaetter G, Fischer K, Orav EJ, Egli A, Theiler R, Münzer T, Felson DT, **Bischoff-Ferrari HA**. Total serum testosterone and WOMAC pain and function among older men and women with severe knee OA.  
*Arthritis Care Res (Hoboken)* **2019** Sept 26 (impact factor 4.5)
- 110) **Bischoff-Ferrari HA**, Orav EJ, Egli A, Dawson-Hughes B, Fischer K, Staehelin HB, Rizzoli R, Hodler J, von Eckardstein A, Freystätter G, Meyer U, Gugli T, Burckhardt P, Schietzel S, Chocano-Bedoya P, Theiler R, Willett WC, Felson D. Recovery after unilateral knee replacement due to severe osteoarthritis and progression in the contralateral knee: a randomized clinical trial comparing daily 2000 IU versus 800 IU vitamin D.  
*RMD Open*. **2018**; Jul 9;4(2):e000678. (impact factor 3.5)
- 111) Huber EO, Bastiaenen CH, **Bischoff-Ferrari HA**, Meichtry A, de Bie RA. Development of the knee osteoarthritis patient education questionnaire: a new measure for evaluating preoperative patient education programmes for patients undergoing total knee replacement.  
*Swiss Med Wkly*. **2015**; 145:w14210. (impact factor 1.9)
- 112) Huber EO, Roos EM, Meichtry A, de Bie RA, **Bischoff-Ferrari HA**. Effect of preoperative neuromuscular training (NEMEX-TJR) on functional outcome after total knee replacement: an assessor-blinded randomized controlled trial.  
*BMC Musculoskelet Disord*. **2015** Apr 25;16:101. doi: 10.1186/s12891-015-0556-8. (impact factor 1.9)
- 113) Stöckli C, Theiler R, Sidelnikov E, Balsiger M, Ferrari SM, Buchzig B, Uehlinger K, Riniker C, **Bischoff-Ferrari HA**. Validity of a simple Internet-based outcome-prediction tool in patients with total hip replacement: a pilot study.  
*J Telemed Telecare* **2014**; 20(3):117-22. (Impact factor: 1.7)
- 114) Janousek M, Ferrari S, Schmid DU, **Bischoff HA**, Balsiger M, Theiler R. Optimized assessment of the outcome in patients with radicular back pain of the lumbar spine. The modified NASS questionnaire.  
*Schmerz* **2011**; 25(5):552-7. (Impact factor: 1.0)
- 115) Majewski M, **Bischoff-Ferrari HA**, Grüneberg C, Dick W, Allum JHJ. Tracking functional balance during gait and stance following total hip replacement.  
*Journal of Bone and Joint Surgery (British Volume)*; **2005**; 87(10):1337-43. (impact factor 2.6)
- 116) **Bischoff HA**, Lingard E, Roos E, Losina E, Phillips C, Mahomed NN, Baron JA, Katz JN. The role of non-hip related factors associated with poor functional outcome 3 years after primary total hip replacement.  
*Arthritis Rheum* **2004**; 51(5):829-35. (impact factor: 7.2)
- 117) Theiler R, **Bischoff HA**, Good M, Uebelhart D. Rofecoxib improves quality of life in patients with hip or knee osteoarthritis.  
*Swiss Med Wkly* **2002**;132(39):566-573. (Impact factor: 1.9)

#### Kidney Health

- 118) Schreiber PW, Kusejko K, **Bischoff-Ferrari HA**, Boggian K, Bonani M, van Delden C, Enriquez N Fehr T, Garzoni C, Hirsch HH, Hirzel C, Manuel O, Meylan P, Saleh L, Weisser M, Mueller NJ; Swiss Transplant Cohort Study (STCS). Vitamin D deficiency is common in kidney transplant recipients but is not associated with infections after transplantation.  
*Clin Transplant* **2020** Feb;34(2):e13778 . (Impact factor: 1.7)
- 119) Ernst R, Fischer K, de Godoi Rezende Costa Molino C, Orav EJ, Theiler R, Meyer U, Fischler M, Gagesch M, Ambühl PM, Freystätter G, Egli A, **Bischoff-Ferrari HA**. Polypharmacy and kidney function in community-dwelling adults age 60 years and older: A prospective observational study.  
*J Am Med Dir Assoc* **2020** Feb;21(2):254-259. (Impact factor: 4.9)
- 120) De Godoi Rezende Costa Molino C, Meyer U, Ernst R, **Bischoff-Ferrari HA**. Proton Pump inhibitors and kidney function decline in community-dwelling older adults.

*J Am Med Dir Assoc* **2020** Jan 21(1):129-130

(Impact factor: 1.9)

- 121) Bonani M, Meyer U, Frey D, Graf N, **Bischoff-Ferrari HA**, Wüthrich RP. Effect of Denosumab on Peripheral Compartmental bone density, microarchitecture and estimated bone strength in de novo kidney transplant recipients.

*Kidney Blood Press Res.* **2016**;41(5):614-622.

(impact Factor: 2.91)

- 122) Henschkowski J, **Bischoff-Ferrari HA**, Wüthrich RP, Serra AL. Renal function in patients treated with cinacalcet for persistent hyperparathyroidism after kidney transplantation.

*Kidney Blood Press Res.* **2011**; 34(2):97-103.

(impact factor: 1.7)

#### Liver Health

- 123) Schreiber PW, **Bischoff-Ferrari HA**, Boggian K, van Delden C, Enriquez N, Fehr T, Garzoni C, Hirsch HH, Hirzel C, Manuel O, Meylan P, Saleh L, Weisser M, Mueller NJ; Swiss Transplant Cohort Study (STCS). Vitamin D status and risks of infections after liver transplantation in the Swiss Transplant Cohort Study.

*Transpl Int.* **2019**; Jan;32(1):49-58.

(impact factor: 3.2)

- 124) Schreiber PW, **Bischoff-Ferrari HA**, Boggian K, Bonani M, van Delden C, Enriquez N, Fehr T, Garzoni C, Hirsch HH, Hirzel C, Manuel O, Meylan P, Saleh L, Weisser M, Mueller NJ; Swiss Transplant Cohort Study (STCS). Bone metabolism dynamics in the early post-transplant period following kidney and liver transplantation.

*PLoS One.* **2018**; Jan 16;13(1):e0191167

(impact factor: 2.7)

- 125) Geier A, Eichinger M, Stirnimann G, Semela D, Tay F, Seifert B, Tshopp O, Bantel H, Jahn D, Marques Maggio E, Saleh L, **Bischoff-Ferrari HA**, Müllhaupt B, Dufour JF. Treatment of non-alcoholic steatohepatitis patients with vitamin D: a double-blinded, randomized, placebo-controlled pilot study.

*Scand J Gastroenterol.* **2018**; Sep;53(9):1114-1120.

(impact factor: 2.5)

#### Exercise and Public Health / Exercise and Inflammation / Exercise and Osteoarthritis

- 126) Fischbacher M, Chocano-Bedoya PO, Meyer U, Bopp I, Mattle M, Kressig RW, Egli A, **Bischoff-Ferrari HA**. Safety and feasibility of a Dalcroze eurhythmics and a simple home exercise program among older adults with mild cognitive impairment (MCI) or mild dementia: the MOVE for your MIND pilot trial.

*Pilot Feasibility Stud.* **2020** Jul 17;150:w20276

(Impact factor: 1.8)

- 127) Huber EO, de Bie RA, Roos EM, **Bischoff-Ferrari HA**. Effect of pre-operative neuromuscular training on functional outcome after total knee replacement: a randomized-controlled trial.

*BMC Musculoskelet Disord.* **2013** May 3;14:157.

(Impact factor: 1.9)

- 128) Niedermann K, Sidelnikov E, Muggli C, Dagfinrud H, Hermann M, Tamborrini G, Ciurea A, **Bischoff-Ferrari H**. Cardiovascular training improves fitness in patients with ankylosing spondylitis.

*Arthritis Care Res (Hoboken).* **2013** Nov; 65(11):1844-52.

(Impact factor: 3.7)

- 129) Baschung Pfister P, Niedermann K, Sidelnikov E, **Bischoff-Ferrari HA**. Active over 45: a step-up jogging programme for inactive female hospital staff member aged 45+.

*Eur J Public Health.* **2013** Oct; 23(5):817-22.

(Impact factor: 2.7)

#### Prevention of Dementia

- 130) Mansky R, Marzel A, Orav EJ, Chocano-Bedoya PO, Grünheid P, Mattle M, Freystätter G, Stähelin HB, Egli A, **Bischoff-Ferrari HA**. Playing a musical instrument is associated with slower cognitive decline in community-dwelling older adults.

*Aging Clin Exp Res.* **2020** Aug;32(8):1577-1584.

(Impact factor: 2.7)

#### Hospital Hygiene

- 131) Tamò R, Turk T, Böni J, Kouyos RD, Schmutz S, Huber M, Shah C, Bischoff-Ferrari HA, Distler O, Battegay E, Giovanoli P, Guckenberger M, Kohler M, Müller R, Petry H, Ruschitzka F, McGeer A, Sax H, Weber R, Trkola A, Kuster SP. Secondary attack rates from asymptomatic and symptomatic influenza virus shedders in hospitals: Results from the TransFLUas influenza transmission study.

- Infect Control Hosp Epidemiol.* **2021** May 6:1-7. doi: 10.1017/ice. (Impact factor: 3.3)
- 132) Kuster SP, Böni J, Kouyos RD, Huber M, Schmutz S, Shah C, **Bischoff-Ferrari HA**, Distler O, Battegay E, Giovanoli P, Guckenberger M, Kohler M, Müller R, Petry H, Ruschitzka F, McGeer A, Coleman BL, Sax H, Weber R, Trkola A. Absenteeism and presenteeism in healthcare workers due to respiratory illness. *Infect Control Hosp Epidemiol.* **2020** Nov 26:1-6. (Impact factor: 3.3)

#### End-of-life decisions

- 133) Hug K, Penders YWH, **Bischoff-Ferrari HA**, Bopp M, Bosshard G. Medical end-of-life decisions in the oldest old in Switzerland. *Swiss Med Wkly.* **2020** Jan 15;150:w20177 (Impact factor: 1.8)

#### Guidelines

##### DGE Protein Guidelines

- 1) Kroke A, Schmidt A, Amini AM, Kalotai N, Lehmann A, Haardt J, Bauer JM, **Bischoff-Ferrari HA**, Boeing H, Egert S, Ellinger S, Kühn T, Louis S, Lorkowski S, Nimptsch K, Remer T, Schulze MB, Siener R, Stangl GI, Volkert D, Zittermann A, Buyken AE, Watzl B, Schwingshackl L. Dietary protein intake and health-related outcomes: a methodological protocol for the evidence evaluation and the outline of an evidence to decision framework underlying the evidence-based guideline of the German Nutrition SocietyGerman Nutrition Society. *Eur J Nutr.* **2022** Jan 14. doi: 10.1007/s00394-021-02789-5. (Impact factor: 4.7)

#### Reviews

- 1) Mazess RB, Bischoff-Ferrari HA, Dawson-Hughes B. Vitamin D: Bolus Is Bogus-A Narrative Review. *JBMR Plus.* **2021** Oct 30;5(12) (Impact factor: 6.7)
- 2) Schlögl M, Singler K, Martinez-Velilla N, Jan S, **Bischoff-Ferrari HA**, Roller-Wirnsberger RE, Attier-Zmudka J, Jones CA, Miot S, Gordon AL. Communication during the COVID-19 pandemic: evaluation study on self-perceived competences and views of health care professionals. *Eur Geriatr Med.* **2021** Dec;12(6):1181-1190. (Impact factor: 1.7)
- 3) Sadlon A, Ensslin A, Freystätter G, Gagesch M, **Bischoff-Ferrari HA**. Are patients with cognitive impairment fit to fly? Current evidence and practical recommendations. *J Travel Med.* **2021** Jan 6;28(1) (Impact factor: 8.5)
- 4) Rodriguez-Mañás L, Araujo de Carvalho I, Bhasin S, **Bischoff-Ferrari HA**, Cesari M, Evans W, Hare JM, Pahor M, Parini A, Rolland Y, Fielding RA, Walston J, Vellas B. ICFSR Task Force Perspective on Biomarkers for Sarcopenia and Frailty. *J Frailty Aging* **2020** ;9 (1):4-8. (impact factor: 1.8)
- 5) Sadlon A, Ensslin A, Freystätter G, Gagesch M, **Bischoff-Ferrari HA**. Are patients with cognitive impairment fit to fly? Current evidence and practical recommendations. *J Travel Med.* **2020** Jul 25:taaa123. (impact factor: 7.1)
- 6) Lanz P, **Bischoff-Ferrari H**. Im selben Boot. *Praxis (Bern 1194).* **2020** 109(4):236. (impact factor: 0.0)
- 7) **Bischoff-Ferrari HA**. [Vitamin D in geriatric patients] *Internist (Berl).* **2020** June;61(6):535-540 (impact factor: 0.4)
- 8) **Bischoff-Ferrari HA**. [Hype about vitamin D substitution: what remains?] *Internist (Berl).* **2020** Nov;61(11):1196-1203 (impact factor: 0.4)
- 9) **Bischoff-Ferrari HA**. Should vitamin D administration for fracture prevention be continued?: A discussion of recent meta-analysis findings. *Z Gerontol Geriatr.* **2019** Aug;52(5):428-432. (impact factor: 0.9)

- 10) Butter M, Weiler S, Biedermann L, Scharl M, Rogler G, **Bischoff-Ferrari HA**, Misselwitz B. Clinical manifestations, pathophysiology, treatment, and outcome of inflammatory bowel diseases in older people. *Maturitas*. **2018** Apr;110:71-78. (impact factor: 3.3)
- 11) **Bischoff-Ferrari HA**, Dawson-Hughes B, Willett WC. Issues of trial selection and subgroup considerations in the recent meta-analysis of Zhao and colleagues on fracture reduction by calcium and vitamin D supplementation among community-dwelling older adults. *Osteoporos Int*. **2018** Sep;29(9):2151-21-52. (impact factor: 3.9)
- 12) Lanz P, **Bischoff-Ferrari HA**. [The influence of protein on the prevention of fragility fractures among senior adults]. *Praxis (Bern 1994)*. **2018** Jul;107(15):817-824. (impact factor: 0.0)
- 13) Robinson SM, Reginster JY, Rizzoli R, Shaw SC, Kanis JA, Bautmans I, **Bischoff-Ferrari H**, Bruyère O, Cesari M, Dawson-Hughes B, Fielding RA, Kaufman JM, Landi F, Malafarina V, Rolland Y, van Loon LJ, Vellas B, Visser M, Cooper C; ESCEO working group. Does nutrition play a role in the prevention and management of sarcopenia? *Clin Nutr*. **2018** Aug;37(4):1121-1132 (impact factor: 4.6)
- 14) Pape HC, **Bischoff-Ferrari HA**. How can we influence the incidence of secondary fragility fractures? A review on current approaches. *Injury*. **2017** Dec;48 Suppl 7:S24-S26. (impact factor: 1.9)
- 15) **Bischoff-Ferrari HA**. Relevance of vitamin D in fall prevention. *Geriatr Psychol Neuropsychiatr Vieil*. **2017**; 15(1):E1-E7. (impact factor: 0.6)
- 16) Theiler R, Freystätter G, Meyer U, **Bischoff-Ferrari HA**. Gezielte Trainingstherapie zur Sekundärprävention von Stürzen und Hüftfrakturen. *Praxis (Bern 1994)*. **2017** Jun;106(13):701-704. (impact factor: 0)
- 17) Freystätter G, **Bischoff-Ferrari HA**. Testosteronmangel beim alternden Mann. *Praxis (Bern 1994)*. **2017** Jun;106(13):705-710. (impact factor: 0)
- 18) Blain H, Masud T, Dargent-Molina P, Martin FC, Rosendahl E, van der Velde N, Bousquet J, Benetos A, Cooper C, Kanis JA, Reginster JY, Rizzoli R, Cortet B, Barbagallo M, Dreinhöfer KE, Vellas B, Maggi S, Strandberg T; EUGMS Falls and Fracture Interest Group; European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis (ESCEO), Osteoporosis Research and Information Group (GRIO), and International osteoporosis Foundation (IOF). A Comprehensive Fracture Prevention Strategy in Older Adults: The European Union Geriatric Medicine Society (EUGMS) Statement. *J Nutr Health Aging*. **2016**;20(6):647-52. (Impact factor: 3.0)
- 19) Lamarche B, Givens DI, Soedamah-Muthu S, Krauss RM, Jakobsen MU, Bischoff-Ferrari HA, Pan A, Després JP. Does Milk Consumption Contribute to Cardiometabolic Health and Overall Diet Quality? *Can J Cardiol*. **2016**; 32(8):1026-32. (Impact factor: 3.7)
- 20) Dawson-Hughes B, **Bischoff-Ferrari H**. Considerations concerning the definition of sarcopenia. *Osteoporos Int*. **2016** Jun 21. [Epub ahead of print] Review. PubMed PMID: 27329218 (Impact factor: 3.5)
- 21) Reginster JY, Cooper C, Rizzoli R, Kanis JA, Appelboom G, Bautmans I, **Bischoff-Ferrari HA**, Boers M, Brandi ML, Bruyère O, Cherubini A, Flamion B, Fielding RA, Gasparik AI, Van Loon L, McCloskey E, Mitlak BH, Pilotto A, Reiter-Niesert S, Rolland Y, Tsouderos Y, Visser M, Cruz-Jentoft AJ. Recommendations for the conduct of clinical trials for drugs to treat or prevent sarcopenia. *Aging Clin Exp Res*. **2016**; 28(1):47-58. (Impact factor: 1.2)
- 22) **Bischoff-Ferrari HA**. Screening for vitamin D deficiency in adults. *Bonekey Rep* **2015**; 4:667. (Impact factor: 0.0)
- 23) **Bischoff-Ferrari HA**. Multivitamine für wen – wie ist die Evidenz? *Schweizerische Zeitschrift für Ernährungsmedizin* **2015**, 3:12-13. (Impact factor: 0.0)
- 24) **Bischoff-Ferrari HA**, Zimmermann R. Vitamin D in der Gynäkologie und Geburtshilfe. *Gynäkologie* **2015**, 48:360-2. (Impact factor: 0.0)
- 25) **Bischoff-Ferrari HA**. Vitamin D und postmenopausale Knochengesundheit. *Gynäkologie* **2015**, 48:377-82. (Impact factor: 0.0)

- 26) Burckhardt P, Ballmer PE, **Bischoff-Ferrari HA**, Nowitzki-Grimm S, Remer T, Thut Borner R, Scharla S, Zwettler E. Ernährung und Knochengesundheit. 2. OSTAK-Expertengespräch. *Osteologie* **2015**; 24:107-19. (Impact factor: 0.0)
- 27) **Bischoff-Ferrari HA**. Optimal serum 25-hydroxyvitamin D levels for multiple health outcomes. *Adv Exp Med Biol.* **2014**;810:500-25. Review. PubMed PMID: 25207384. (Impact factor: 2.0)
- 28) Bruyère O, Cavalier E, Souberbielle JC, **Bischoff-Ferrari HA**, Beaudart C, Buckinx F, Reginster JY, Rizzoli R. Effects of vitamin D in the elderly population: current status and perspectives. *Arch Public Health.* **2014** Sep 28;72(1):32. (Impact factor: 0.0)
- 29) Vellas B, Fielding R, Miller R, Rolland Y, Bhasin S, Magaziner J, **Bischoff-Ferrari H**. Designing drug trials for sarcopenia in older adults with hip fracture – a task force from the international conference on frailty and sarcopenia research (ICFSR). *J Frailty Aging.* **2014**; 3(4):199-204. (impact factor: 0.0)
- 30) **Bischoff-Ferrari HA**, Rosemann T, Grob D, Theiler R, Simmen HP, Meyer O. Vitamin-D-Supplementation in der Praxis. *Schweiz Med Forum* **2014**;14(50):949-953. (Impact factor: 0.0)
- 31) Rizzoli R, **Bischoff-Ferrari H**, Dawson-Hughes B, Weaver C. Nutrition and bone health in women after the menopause. *Womens Health (London Engl).* **2014**; 10(6):599-608. (Impact factor: 0.0)
- 32) Rizzoli R, Reginster JY, Arnal JF, Bautmans I, Beaudart C, **Bischoff-Ferrari H**, Biver E, Boonen S, Brandi ML, Chines A, Cooper C, Epstein S, Fielding RA, Goodpaster B, Kanis JA, Kaufman JM, Laslop A, Malafarina V, Mañas LR, Mitlak BH, Oreffo RO, Petermans J, Reid K, Rolland Y, Sayer AA, Tsouderos Y, Visser M, Bruyère O. Quality of life in sarcopenia and frailty. *Calcif Tissue Int.* **2013** Aug;93(2):101-20. (Impact factor: 2.5)
- 33) **Bischoff-Ferrari H**. Fragility fractures: the future epidemic and its challenges. *Skeletal Radiology.* **2013** Feb;42(2):161-3. (Impact factor: 1.7)
- 34) Brouwer-Brolsma EM, **Bischoff-Ferrari HA**, Bouillon R, Feskens EJ, Gallagher CJ, Hypponen E, Llewellyn DJ, Stoecklin E, Dierkes J, Kies AK, Kok FJ, Lamberg-Allardt C, Moser U, Pilz S, Saris WH, van Schoor NM, Weber P, Witkamp R, Zittermann A, de Groot LC. Vitamin D: do we get enough? : A discussion between vitamin D experts in order to make a step towards the harmonisation of dietary reference intakes for vitamin D across Europe. *Osteoporos Int.* **2013** May; 24(5):1567-77. (Impact factor: 4.0)
- 35) **Bischoff-Ferrari H**. Relevance of vitamin d in bone and muscle health of cancer patients. *Anticancer Agents Med Chem.* **2013** Jan 1;13(1):58-64. (Impact factor: 4.3)
- 36) Rolland Y, de Souto Barreto P, Abellan Van Kann G, Annweiler C, Beauchet O, **Bischoff-Ferrari H**, Berrut G, Blain H, Bonnefoy M, Cesari M, Duque G, Ferry M, Guerin O, Hanon O, Lesourd B, Morley J, Raynaud-Simon A, Ruault G, Souberbielle JC, Vellas B; French Group of Geriatrics and Nutrition. Vitamin D supplementation in older adults: searching for specific guidelines in nursing homes. *J Nutr Health Aging* **2013**; 17(4):402-12. (Impact factor: 2.7)
- 37) Ralston SH, Civitelli R, **Bischoff-Ferrari H**. Casting new light on the sunshine vitamin. *Calcif Tissue Int.* **2013** Feb;92(2):75-6. (Impact factor: 2.5)
- 38) Conzelmann M, **Bischoff-Ferrari HA**, Bridenbaugh SA, Frank M, Kressig RW. Stürzt mein Patient? *Schweiz Med Forum* **2013**; 13(34):652-657. (Impact factor: 0.0)
- 39) **Bischoff-Ferrari HA**. Which vitamin D oral supplement is best for postmenopausal women? *Curr Osteoporos Rep.* **2012** Dec;10(4):251-7. (Impact factor: 2.0)
- 40) **Bischoff-Ferrari HA**. "Vitamin D - why does it matter?" - defining vitamin D deficiency and its prevalence. *Scand J Clin Lab Invest Suppl.* **2012** Apr;243:3-6. (Impact factor: 1.3)
- 41) Holick MF, Binkley NC, **Bischoff-Ferrari HA**, Gordon CM, Hanley DA, Heaney RP, Murad MH, Weaver CM. Guidelines for preventing and treating vitamin D deficiency and insufficiency revisited. *J Clin Endocrinol Metab* **2012**;97(4):1153-8. (Impact factor: 6.3)

- 42) Aggett PJ, Hathcock J, Jukes D, Richardson DP, Calder PC, **Bischoff-Ferrari H**, Nicklas T, Mühlebach S, Kwon O, Lewis J, Lugard MJ, Prock P. Nutrition issues in Codex: health claims, nutrient reference values and WTO agreements: a conference report.  
*Eur J Nutr* **2012**; 51 Suppl 1:S1-7. (Impact factor: 3.8)
- 43) **Bischoff-Ferrari HA**. Relevance of vitamin D in muscle health.  
*Rev Endocr Metab Disord* **2012**; 13(1):71-7. (Impact factor: 3.8)
- 44) Bischoff-Ferrari H. Vitamin D - from essentiality to functionality.  
*Int J Vitam Nutr Res.* **2012** Oct;82(5):321-6. (Impact factor: 1.3)
- 45) **Bischoff-Ferrari HA**. Vitamin D and fracture prevention.  
*Rheum Dis Clin North Am.* **2012** Feb; 38(1):107-13. (Impact factor: 2.6)
- 46) **Bischoff-Ferrari H**, Keller U, Burckhardt P, Quack Lötscher K, Gerber B, l'Allemand D, Laimbacher J, Bachmann M, Rizzoli R. Empfehlungen der Eidg. Ernährungscommission zur Vitamin-D-Zufuhr für die Schweizer Bevölkerung. *Schweiz Med Forum* **2012**;12(40):775-778. (Impact factor: 0.0)
- 47) Zürcher K, **Bischoff-Ferrari H**. Verabreichung von Vitamin D.  
*Schweiz Med Forum* **2012**;12(10):224. (Impact factor: 0.0)
- 48) **Bischoff-Ferrari HA**. Vitamin D – Role in pregnancy and early childhood.  
*Annals of Nutrition & Metabolism* **2011**; 59:17-21. (Impact factor: 1.6)
- 49) **Bischoff-Ferrari H**, Stähelin HB, Walter P. Vitamin D effects on bone and muscle.  
*Int J Vitam Nutr Res* **2011**; 81(4):264-72. (Impact factor: 1.0)
- 50) Holick MF, Binkley NC, **Bischoff-Ferrari HA**, Gordon CM, Hanley DA, Heaney RP, Murad MH, Weaver CM. Evaluation, Treatment, and Prevention of Vitamin D Deficiency: an Endocrine Society Clinical Practice Guideline. *J Clin Endocrinol Metab.* **2011**,96(7): 1911-30. (Impact factor: 6.4)
- 51) **Bischoff-Ferrari HA**. The role of falls in fracture prevention.  
*Current Osteoporosis Reports* **2011**, 9(3): 116-21. (Impact factor: 2.0)
- 52) **Bischoff-Ferrari HA**. Prävention von Stürzen und Frakturen: Vitamin D fürs Volk.  
CME Fortbildung. *Hausarzt Praxis* **2011**. (Impact factor: 0.04)
- 53) **Bischoff-Ferrari H**, Stähelin HB. Vitamin-D- und Kalziumsupplementation.  
*Schweiz Med Forum* **2011**;11(50):930-936. (Impact factor: 0.0)
- 54) Buck G, Perger L, **Bischoff-Ferrari HA**. Osteoporosis.  
*Praxis (Bern 1994).* **2011**; 100(14):821-32. (Impact factor: 0.0)
- 55) Linseisen J, Bechthold A, **Bischoff-Ferrari HA**, Hintzpeter B, Leschik-Bonnet E, Reichrath J, Stehle P, Volkert D, Wolfram G, Zittermann A. Vitamin D und Prävention ausgewählter chronischer Krankheiten. Stellungnahme. **2011**; Deutsche Gesellschaft für Ernährung e.V. (Hsg.), Bonn.
- 56) **Bischoff-Ferrari HA**, Staehelin HB, Conzelmann M, Grob D. Vitamin D Supplementation als einfache Basismassnahme zur Sturz – und Knochenbruchprävention ab 65. *Medizinische Schlaglichter 2010 – Teil 1.*  
*Swiss Medical Forum* **2010**; 10(51):907-909. (Impact factor: 0.0)
- 57) **Bischoff-Ferrari HA**. Contribution of vitamin D to fracture reduction.  
*Journal für Mineralstoffwechsel* **2010**, 17 (Suppl 1):34-8. (Impact factor: 0.0)
- 58) **Bischoff-Ferrari HA**. Vitamin D. Im Alter ist die “normale” Versorgung nicht ausreichend.  
*ARS MEDICI, Schweizer Zeitschrift für Hausarztmedizin* **2010**; 14:559-564. (Impact factor: 0.0)
- 59) **Bischoff-Ferrari HA**. Vitamin D and fracture prevention.  
*Endocrinol Metab Clin North Am.* **2010**, 39(2):347-53. (Impact factor: 3.6)
- 60) **Bischoff-Ferrari HA**. Nahrungsergänzung im Sport: Vitamin D Mangel bei Athleten.  
*Schweizer Zeitschrift für Ernährung* **2010**; 4:31-33. (Impact factor: 0.0)
- 61) **Bischoff-Ferrari H**. Health effects of vitamin D.  
*Dermatol Ther* **2010**; 23(1):23-30. (Impact factor: 1.5)
- 62) Barysch MJ, Feldmeyer L, **Bischoff-Ferrari H**, Hofbauer G, Dummer R. Vitamin D, ultraviolet rays and skin cancer.  
*Rev Med Suisse* **2010**; 6(246):884-5. (Impact factor: 0.0)

- 63) **Bischoff-Ferrari HA.** Vitamin D: what is an adequate vitamin D level and how much supplementation is necessary?  
*Best Pract Res Clin Rheumatol.* **2009**; 23(6):789-95. (Impact factor: 3.7)
- 64) **Bischoff-Ferrari HA.** Validated Treatments and Therapeutic Perspectives Regarding Nutritherapy.  
*J Nutr Health Aging.* **2009**; 13(8):737-41. (Impact factor: 2.4)
- 65) **Bischoff-Ferrari HA, Staehelin HB.** Muskulatur und Knochen - Die Rolle des Vitamin D.  
*Schweizer Zeitschrift für Ernährung* **2009**; 4:22-24 (Impact factor: 0.0)
- 66) **Bischoff-Ferrari HA.** Vitamin D im Alter. Wirkung hängt von der Dosis ab.  
*Schweizer Zeitschrift für Ernährung* **2009**; 2:7-10. (Impact factor: 0.0)
- 67) **Bischoff-Ferrari HA.** Vitamin D im Alter: Wirkung hängt von der Dosis ab.  
*ARS MEDICI, Schweizer Zeitschrift für Hausarztmedizin* **2009**; p. 24-27. (Impact factor: 0.0)
- 68) **Bischoff-Ferrari HA, Stähelin HB, Theiler R.** Vitamin D stellt sein Talent für Knochen und Muskeln unter Beweis. *Schweiz Med Forum* **2009**;09(49):895-897. (Impact factor: 0.0)
- 69) Mühlebach S, **Bischoff-Ferrari HA.** Myalgia and proximal muscle weakness in a young patient.  
*Praxis (Bern 1994)* **2009**; 98(8):447-50. (Impact factor: 0.0)
- 70) **Bischoff-Ferrari HA.** Optimal serum 25-hydroxyvitamin D levels for multiple health outcomes.  
*Adv Exp Med Biol.* **2008**;624:55-71. (Impact factor: 2.0)
- 71) **Bischoff-Ferrari HA, Staehelin HB.** Importance of vitamin D and calcium at older age.  
*Int J Vitam Nutr Res.* **2008**; 78(6):286-92. (Impact factor: 1.3)
- 72) Roux C, **Bischoff-Ferrari HA, Papapoulos SE, de Papp AE, West JA, Bouillon R.** New insights into the role of vitamin D and calcium in osteoporosis management: an expert roundtable discussion.  
*Curr Med Res Opin* **2008**; 24(5):1363-70. (Impact factor: 2.4)
- 73) Cannell JJ, Vieth R, Willett W, Zasloff M, Hathcock JN, White JH, Tanumihardjo SA, Larson-Meyer DE, **Bischoff-Ferrari HA, Lamberg-Allardt CJ, Lappe JM, Norman AW, Zittermann A, Whiting SJ, Grant WB, Hollis BW, Giovannucci E.** Cod liver oil, vitamin A toxicity, frequent respiratory infections, and the vitamin D deficiency epidemic.  
*Ann Otol Rhinol Laryngol.* **2008**; 117(11):864-70. (Impact factor: 1.8)
- 74) Bouillon R, **Bischoff-Ferrari H, Willett W.** Vitamin D and health: perspectives from mice and man.  
*J Bone Miner Res* **2008**; 23(7):974-9. (Impact factor: 6.6)
- 75) **Bischoff-Ferrari HA, Dawson-Hughes B.** Where do we stand on vitamin D?  
*Bone.* **2007**; 41:13-9. (Impact factor: 4.1)
- 76) **Bischoff-Ferrari HA.** The 25-hydroxyvitamin D threshold for better health.  
*J Steroid Biochem Mol Biol.* **2007**; 103:614-9. (Impact factor: 3.9)
- 77) Dawson-Hughes B, **Bischoff-Ferrari HA.** Therapy of osteoporosis with calcium and vitamin D.  
*J Bone Miner Res* **2007**; 22 Suppl 2.V59-63. (Impact factor: 6.6)
- 78) **Bischoff-Ferrari HA.** How to select the doses of vitamin D in the management of osteoporosis.  
*Osteoporos Int.* **2007**; 18(4):401-7. (impact factor: 4.0)
- 79) Boonen S, Bischoff-Ferrari HA, Cooper C, Lips P, Ljunggren O, Meunier P, Reginster J-Y. Addressing the musculoskeletal components of fracture risk with calcium and vitamin D: a review of the evidence.  
*Calcif Tissue Int.* **2006**; 78(5):257-70. (Impact factor: 2.5)
- 80) **Bischoff-Ferrari HA.** Extra-skeletal effects of vitamin D.  
*Current Opinion in Endocrinology and Diabetes.* **2005**; 12(6):464-470. (Impact factor: 3.9)
- 81) **Bischoff-Ferrari HA, Staehelin HB.** Vitamin D stärkt nicht nur die Knochen.  
*Schweizer Zeitschrift für Ernährungsmedizin.* **2004**; 3:4-7. (Impact factor: 0.0)
- 82) **Bischoff-Ferrari HA, Conzelmann M, Dick W, Theiler R, Stahelin HB.** Effect of vitamin D on muscle strength and relevance in regard to osteoporosis prevention.  
*Z Rheumatol.* **2003**; 62(6): 518-21. (Impact factor: 0.4)
- 83) **Bischoff HA.** Importance of maximizing calcium and vitamin D in the elderly diet with respect to function and falls.



- Aging Canada* **2003**. (Impact factor: 0.9)
- 84) **Bischoff HA**, Roos E. Effectiveness and safety of strengthening, endurance and coordination exercises in Osteoarthritis. *Curr Opin Rheumatol.* **2003**; 12(2): 141-4. (Impact factor: 5.2)
- 85) **Bischoff HA**, **Solomon DH**. Managing fractures and osteoporosis in patients with rheumatoid arthritis. *The Journal of Musculoskeletal Disorders.* **2003**. (Impact factor: 1.8)
- 86) **Bischoff HA**, Stähelin HB, Tyndall A, Theiler R. Relationship between muscle strength and vitamin D metabolites: are there therapeutic possibilities in the elderly? *Z Rheumatol.* **2000**; 59 Suppl 1:39-41. (Impact factor: 0.5)

87) **26 Consensus Statements, Editorials, Letters**

- 1) Dent E, Morley JE, et al. Physical Frailty: ICFSR International Clinical Practice Guidelines for Identification and Management. *J Nutr Health Aging* **2019**;23(9), 771-787. (impact factor: 2.7)
- 2) Bailey RL, Sahni S, Chocano-Bedoya P, Daly RM, Welch AA, **Bischoff-Ferrari HA**, Weaver CM. Best practices for conducting observational research to assess the relation between nutrition and bone: an international working group summary. [Consensus statement] *Adv Nutr* **2019** May 1;10(3):391-409. (impact factor: 7.2)
- 3) **Bischoff-Ferrari HA**, Orav EJ, Abderhalden L, Dawson-Hughes B, Willett WC. Vitamin D supplementation and musculoskeletal health. [Letter] *Lancet Diabetes Endocrinol.* **2019** Feb; 7(2):85. (impact factor: 19.3)
- 4) Biver E, Calmy A, Aubry-Rozier B, Birkhäuser M, **Bischoff-Ferrari HA**, Ferrari S, Frey D, Kressig RW, Lamy O, Lippuner K, Suhm N, Meier C. Diagnosis, prevention, and treatment of bone fragility in people living with HIV: a position statement from the Swiss Association against Osteoporosis. [Consensus statement] *Osteoporos Int.* **2019** May;30(5):1125-1135. (impact factor: 3.9)
- 5) Lips P, Cashman KD, Lamberg-Allardt C, **Bischoff-Ferrari HA**, Obermayer-Pietsch BR, Bianchi M, Stepan J, El-Hajj Fuleihan G, Bouillon R. Management of endocrine disease: current vitamin D status in European and Middle East countries and strategies to prevent vitamin D deficiency; a position statement of the European calcified tissue society. [Consensus statement] *Eur J Endocrinol.* **2019** Apr;180(4):P23-P54 (impact factor: 4.3)
- 6) **Bischoff-Ferrari HA**, Bhasin S, Manson JE. Preventing fractures and falls: A limited role for calcium and vitamin D supplements? [Editorial] *JAMA.* **2018** Apr 17;319(15):1552-1553. (impact factor: 47.7)
- 7) Pilz S, März W, Cashman KD, Kiely ME, Whiting SJ, Holick MF, Grant WB, Pludowski P, Hiligsmann M, Trummer C, Schwetz V, Lerchbaum E, Pandis M, Tomaschitz A, Grubler MR, Gaksch M, Verheyen N, Hollis BW, Rejnmark L, Karras SN, Hahn A, **Bischoff-Ferrari HA**, Reichrath J, Jorde R, Elmadfa I, Vieth R, Scragg R, Calvo MS, van Schoor NM, Bouillon R, Lips P, Itonen ST, Martineau AR, Lamberg-Allardt C, Zittermann A. Rationale and plan for vitamin D food fortification: A review and guidance paper. [Consensus statement] *Front Endocrinol (Lausanne)* **2018** Jul 17;9:373. (impact factor: 3.5)
- 8) Meier C, Uebelhart B, Aubry-Rozier B, Birkhäuser M, **Bischoff-Ferrari HA**, Frey D, Kressig RW, Lamy O, Lippuner K, Stute P, Suhm N, Ferrari S. Osteoporosis drug treatment: duration and management after discontinuation. A position statement from the SVGO/ASCO. [Consensus statement] *Swiss Med Wkly.* **2017** Sep 5;147:w14484. (Impact factor: 1.6)
- 9) Cianferotti L, Bertoldo F, **Bischoff-Ferrari HA**, Bruyere O, Cooper C, Cutolo M, Kanis JA, Kaufman JM, Reginster JY, Rizzoli R, Brandi ML. Vitamin D supplementation in the prevention and management of major chronic diseases not related to mineral homeostasis in adults: research for evidence and a scientific statement from the European society for clinical and economic aspects of osteoporosis and osteoarthritis (ESCEO). [Consensus statement]

- Endocrine*. **2017**; 56(2):245-261. (impact factor: 3.3)
- 10) Lems WF, Dreinhöfer KE, **Bischoff-Ferrari H**, Blauth M, Czerwinski E, da Silva J, Herrera A, Hoffmeyer P, Kvien T, Maalouf G, Marsh D, Puget J, Puhl W, Poor G, Rasch L, Roux C, Schüler S, Serio B, Tarantino U, van Geel T, Woolf A, Wyers C, Geusens P. EULAR/EFORT recommendations for management of patients older than 50 years with a fragility fracture and prevention of subsequent fractures. [Consensus statement]  
*Ann Rheum Dis*. **2017** May;76(5):802-810. (impact factor: 12.8)
  - 11) Dawson-Hughes B, **Bischoff-Ferrari H**. Considerations concerning the definition of sarcopenia: response to comments.  
*Osteoporos Int*. **2016** Nov;27(11):3147-3148. (impact factor: 3.5)
  - 12) **Bischoff-Ferrari HA**, Orav EJ, Dawson-Hughes B. Estimating Vitamin D Status and the Choice of Supplementation Dose-Reply.  
*JAMA Intern Med*. **2016** Jun 1;176(6):865-6. (Impact factor: 15.0)
  - 13) Felson DT, **Bischoff-Ferrari HA**. Dietary fatty acids for the treatment of OA, including fish oil.  
*Ann Rheum Dis*. **2016**; Jan;75(1):1-2 [Editorial] (Impact factor: 9.3)
  - 14) **Bischoff-Ferrari HA**. Healthy Aging: eine Herausforderung für die Zukunft. [Editorial].  
*Schweizer Zeitschrift für Ernährungsmedizin* **2015**, 3:1. (Impact factor: 0.0)
  - 15) **Bischoff-Ferrari HA**, Meyer O. Comparative Effectiveness of Pharmacological Treatments to Prevent Fractures – Is this all we need to know?  
*Annals of Internal Medicine* **2014**; 161(10):755-6. [Editorial] (Impact factor: 16.1)
  - 16) **Bischoff-Ferrari HA**, Orav EJ, Willett WC, Dawson-Hughes B. The effect of vitamin D supplementation on skeletal, vascular, or cancer outcomes.  
*Lancet Diabetes Endocrinol*. **2014**; 2(5) :363-4. [Letter] (Impact factor: 39.2)
  - 17) **Bischoff-Ferrari HA**, Willett WC, Orav J, Dawson-Hughes B. In response to IOM recommendations on vitamin D and fall prevention.  
*BMJ*, **2011**. [Letter] (Impact factor: 17.2)
  - 18) **Bischoff-Ferrari HA**. Osteoporose, Vitamin D als Prävention, Vertebroplastie als Ultima Ratio. CME Zertifizierte Fortbildung.  
*Hausarzt Praxis* **2011**; 6(4):8. [Editorial] (Impact factor: 0.04)
  - 19) **Bischoff-Ferrari HA**, Susan J. Whiting, Bess Dawson-Hughes. In response to Grey and Bolland.  
*Archives of Internal Medicine*, **2011**; 17(3):265. [Letter] (Impact factor: 10.6)
  - 20) Souberbielle JC, Body JJ, Lappe JM, Plebani M, Shoenfeld Y, Wang TJ, **Bischoff-Ferrari HA**, Cavalier E, Ebeling PR, Fardellone P, Gandini S, Gruson D, Guérin AP, Heickendorff L, Hollis BW, Ish-Shalom S, Jean G, von Landenberg P, Largura A, Olsson T, Pierrot-Deseilligny C, Pilz S, Tincani A, Valcour A, Zittermann A. Vitamin D and musculoskeletal health, cardiovascular disease, autoimmunity and cancer: Recommendations for clinical practice.  
*Autoimmun Rev*. **2010** Sep;9(11):709-15. [Consensus statement] (Impact factor: 7.9)
  - 21) Abellan van Kan G, André E, **Bischoff Ferrari HA**, Boirie Y, Onder G, Pahor M, Ritz P, Rolland Y, Sampaio C, Studenski S, Visser M, Vellas B. Carla task force on sarcopenia: propositions for clinical trials.  
*J Nutr Health Aging*. **2009**. [Consensus statement]. (Impact factor: 2.4)
  - 22) **Bischoff-Ferrari HA**. Vitamin D.  
*Schweizer Zeitschrift für Ernährung* **2009** [Editorial] (Impact factor: 0.0)
  - 23) Vieth R, **Heike Bischoff-Ferrari**, Barbara J Boucher, Bess Dawson-Hughes, Cedric F Garland, Robert P Heaney, Michale F Holick, Bruce W Hollis, Chritel Lamber-Allardt, John J McGrath, Antony W Norman, Robert Scragg, Susuan J Whiting, Wlater C. Willett, Armin Zitterman. The urgent need to recommend an intake of vitamin D that is effective.  
*Am J Clin Nutrition* **2007**; 86(3):809. [Editorial] (Impact factor: 6.5)
  - 24) Avina-Zubieta JA (co-chair), Alarcon G, **Bischoff-Ferrari HA (co-chair)**, Fischer R, Gall V, Illei G, Liang MH, Mikdashi J, Petri M, Phillips C (co-chair), Pouchot J, Schneider M, Schur P, St Clair W. Measurements of fatigue in systemic lupus erythematosus. A systemic review. Ad hoc committee on SLE response criteria for fatigue.

- Arthritis Care & Res.* **2007**; 57(8):1348-57. [Consensus Statement] (Impact factor: 3.7)
- 25) **Bischoff-Ferrari HA**, Staehelin HB, Willett WC. The effect of undernutrition in the development of frailty in older persons.  
*J Gerontol A Biol Sci Med Sci.* **2006** Jun;61(6):585-9. [Editorial] (Impact factor: 4.3)
- 26) Henry W. Lim, Barbara A. Gilcrest, Kevin D. Cooper, **Heike A. Bischoff-Ferrari**, Darrell S. Rigel, W. Howard Cyr, Sharon Miller, Vincent A. DeLeo, Tim K. Lee, Catherine Demko, Martin A. Weinstock, Antony Young, Laura Saul Edwards, Timothy M. Johnson, Stephen P. Stone; Sunlight, Tanning Booths, and Vitamin D.  
*J Am Acad Dermatol.* **2005** May;52(5):868-76. [Consensus Statement] (Impact factor: 4.5)

#### D) 21 Book Chapters

- 1) Buechel R, Gräni C, Ho E, Mizuki M, Pozzoli A, Gagesch M, Freystätter G, **Bischoff-Ferrari HA**, Haager P, Rickli H, Feuchter G, Senoner T, Zuber M, Maisano F, Alkadhi H, Kaufmann P. (2020). Patient Screening. In: Maisano F, Kaufmann P, Alkadhi H, Zuber M, Pozzoli A, Ho E (ed), Multimodality Imaging for Cardiac Vulvar Interventions, Volume 1 Aortic Valve, Springer.
- 2) Weaver CM, **Bischoff-Ferrari HA**, Daly RM, Wong J-S (2019). Nutritional influences on bone health. In: Weaver CM, Bischoff-Ferrari HA, Daly RM, Wong J-S (ed.), Nutritional Influences on Bone Health, Cham, Springer.
- 3) **Bischoff-Ferrari HA (2018)**. Prevention of Falls. In: Bilezikian JP (ed). Primer on the Metabolic Bone Disease, 9<sup>th</sup> edition, Wiley-Blackwell
- 4) **Bischoff-Ferrari HA & Sadler MJ (2018)**. Authorised EU health claim for Vitamin D an reduced risk of falls. In: Sadler MJ (ed), Foods, Nutrients and Food Ingredients with Authorised EU Health Calims, volume 3, Woodhead Publishing, Elsevier.
- 5) **Bischoff-Ferrari HA (2017)**. Mangelernährung und Osteoporose. In: Biesalski, HK; Bischoff, SC; Pirlich M; Weimann A (ed), Ernährungsmedizin. 5., vollständig überarbeitete und erweiterte Auflage, Stuttgart, Thieme Verlag.
- 6) **Bischoff-Ferrari HA (2017)**. Vitamin D: Its role in health and disease in older people. In: Michel J-P, Beattie BL, Martin FC, Walston JD (eds). Oxford Textbook on Geriatric Medicine (3rd edition), Oxford University Press.
- 7) **Bischoff-Ferrari HA & Dawson-Hughes B**. Vitamin D and Fall Prevention: An Update. 197-205.  
*Nutritional Influences on Bone Health, 9<sup>th</sup> International Symposium*. Springer Verlag **2016** [chapter]
- 8) Dawson-Hughes B. & **Bischoff-Ferrari HA**. Defining Sarcopenia.  
*Nutritional Influences on Bone Health, 9<sup>th</sup> International Symposium*. Springer Verlag **2016** [chapter]
- 9) **Bischoff-Ferrari HA**. Optimal Serum 25-Hydroxyvitamin D Levels for Multiple Health Outcomes. Pub Date: 31 Jan **2014**. Pages: 27. Chapter Category: Oncology; Book: Sunlight, Vitamin D and Skin Cancer, Second Edition. LANDES Bioscience [chapter].
- 10) **Bischoff-Ferrari HA**. Relative effects of vitamin D3 and calcifediol. 189-196.  
*Nutritional Aspects of Osteoporosis*, Second Edition. Springer Verlag London **2013**. [chapter].
- 11) **Bischoff-Ferrari HA**. Prevention of falls in the treatment of osteoporosis. *Primer of Metabolic Bone Disease*. American Society of Bone and Mineral Research. **2011**. [Chapter – update of 2009].
- 12) **Bischoff-Ferrari HA**. Fracture Epidemiology among individual 75+.  
*Textbook of Osteoporosis in the Elderly*. Springer **2010** – **Update in press 2016**. [Chapter] *"Highly Recommended" at the 2009 British Medical Association Medical Books Competition Awards*.
- 13) **Bischoff-Ferrari HA**. Vitamin D and Osteoporosis.  
*Textbook "Vitamin D"*. Editors: David Feldman and John Adams. **2010** [Chapter].
- 14) **Bischoff-Ferrari HA**. Vitamin D in Fracture Prevention and Muscle Function and Fall Prevention.  
*Textbook: Vitamin D - Physiology, Molecular Biology and Clinical Applications*. Second Edition. Editor: Michael F. Holick. Humana Press. Springer. **2010**. page: 669-678 [Chapter].
- 15) **Bischoff-Ferrari HA**. Prevention of falls in the treatment of osteoporosis.  
*Primer of Metabolic Bone Disease*. American Society of Bone and Mineral Research. **2009**. [Chapter].
- 16) **Bischoff-Ferrari HA**, Lim HW.

*A Clinical Guide to Sunscreen and Photoprotection*. Photoprotection and Vitamin D. Editors: Henry M. Lim and Zoe D. Draelos. 2009. [Chapter]

- 17) **Bischoff-Ferrari HA**. Optimal serum 25(OH)D levels for multiple health outcomes.  
Textbook. *Sunlight, Vitamin D and Skin Cancer*, edited by Jörg Reichrath. 2007 Landes Bioscience. [Chapter]
- 18) **Bischoff HA**, Roos EM, Liang MH. Outcome assessment in osteoarthritis: a guide for research and clinical practice. Brandt KD, Doherty M, Lohmander LS eds.  
Textbook. *Osteoarthritis 2003*; New York: Oxford Univ P: 381-390. [Chapter].
- 19) **Bischoff-Ferrari HA** and Dawson-Hughes B. Defining optimal 25-Hydroxyvitamin D Levels in Younger and Older Adults based Bone Mineral Density.  
*Nutritional Aspects of Osteoporosis*, Second Edition. Elsevier **2003**. [chapter].
- 20) **Bischoff HA**. Effekte von Calcium/Vitamin D auf die Muskulatur.  
Calcium plus Vitamin D Schlüsselrolle in der Osteoporosebehandlung. Thieme Taschenbuch **2003** [chapter].
- 21) **Bischoff HA**. Non-skeletal risk factors of fractures.  
In: *Osteoporose – Leitfaden für die Praxis*. Aesopus Verlag, Germany **2002** [chapter].