

PERSONAL INFORMATION Robin Ristl

WORK EXPERIENCE

- September 2007-November 2011 **Research assistant/PhD student**
Universität für Bodenkultur Wien (Austria)
Research on microbial glycobiology, molecular biology research methods, computational biology methods.
- November 2011-December 2013 **Technical assistant**
Medizinische Universität Wien (Austria)
Statistical analysis of clinical study data.
- January 2014- Present **Assistant professor**
Medizinische Universität Wien (Austria)
Research on biostatistical methods, statistical planning and analysis of academic clinical studies, teaching medical statistics. Main research fields: Multiple testing adjustments, regression modeling and hypothesis testing with multivariate/dependent data, survival analysis under non-proportional hazards.
- March 2012- Present **External lecturer**
Universität Wien (Austria)
Teaching biostatistics.

EDUCATION AND TRAINING

- September 2001-July 2007 **Diploma studies Food- and Biotechnology**
Universität für Bodenkultur Wien (Austria)
Molecular biology, microbiology, genetics, chemistry, process engineering, nutritional sciences, physiology, statistics, quality management.
- September 2001-November 2012 **Doctoral studies**
Universität für Bodenkultur Wien (Austria)
Dissertation "Studies on a bacterial oligosaccharyl:protein transferase and properties of an S-layer fusion protein"
- September 2009-February 2013 **Bachelor studies statistics**
Universität Wien (Austria)
Mathematical statistics, applied statistics, biostatistics, econometrics, statistical programming, analysis, algebra, optimization.
- March 2013-September 2016 **Master studies statistics**
Universität Wien (Austria)
Probability theory, measure theory, asymptotic statistics, non-parametric statistics, biostatistics, optimization, econometrics, applied statistics, statistical case studies.

ADDITIONAL INFORMATION

- Expertise** Theory and application of statistical methods in medical research. In particular

hypothesis testing,
multiple testing adjustments,
regression modeling, including linear, non-linear, mixed effects and GEE models,
methods for longitudinal data or otherwise dependent data,
survival analysis,
survival analysis with non-proportional hazards,
small sample adjustments,
sample size calculations, and
statistical study design.

Publications

Publications as first or last author at the Medical University of Vienna:

1. Urach S, Gaasterland C, Posch M, Jilma B, Roes K, Rosenkranz G, Van der Lee JH, Ristl R. Statistical analysis of Goal Attainment Scaling endpoints in randomised trials. *Stat Methods Med Res.* 2019;28(6):1893-1910. doi:10.1177/0962280218777896
2. Ristl R, Urach S, Rosenkranz G, Posch M. Methods for the analysis of multiple endpoints in small populations: A review. *J Biopharm Stat.* 2019;29(1):1-29. doi:10.1080/10543406.2018.1489402
3. Ristl R, Hothorn L, Ritz C, Posch M. Simultaneous inference for multiple marginal generalized estimating equation models. *Stat Methods Med Res.* September 2019;962280219873005. doi:10.1177/0962280219873005
4. Ristl R, Xi D, Glimm E, Posch M. Optimal exact tests for multiple binary endpoints. *Computational Statistics & Data Analysis.* 2018;122:1-17. doi:10.1016/j.csda.2018.01.001
5. Ristl R, Frommlet F, Koch A, Posch M. Fallback tests for co-primary endpoints. *Stat Med.* 2016;35(16):2669-2686. doi:10.1002/sim.6911
6. Nierlich P, Ristl R. Perioperative extracorporeal membrane oxygenation bridging in patients undergoing pulmonary endarterectomy. *Interact Cardiovasc Thorac Surg.* 2016;22(2):181-187. doi:10.1093/icvts/ivv318
7. Nierlich P, Hold A, Ristl R. Outcome after surgical treatment of chronic thromboembolic pulmonary hypertension: dealing with different patient subsets. A single-centre experience. *Eur J Cardiothorac Surg.* 2016;50(5):898-906. doi:10.1093/ejcts/ezw099

Publications as co-author at the Medical University of Vienna:

8. Weber U, Zapletal B, Base E, Hambrusch M, Ristl R, Mora B. Resident performance in basic perioperative transesophageal echocardiography: Comparing 3 teaching methods in a randomized controlled trial. *Medicine (Baltimore).* 2019;98(36):e17072. doi:10.1097/MD.00000000000017072
9. Schwaiger E, Burghart L, Signorini L, Ristl R, Kopecky C, Tura A, Pacini G, Wrba T, Antlanger M, Schmalldienst S, Werzowa J, Saemann MD, Hecking M. Empagliflozin in posttransplantation diabetes mellitus: A prospective, interventional pilot study on glucose metabolism, fluid volume, and patient safety. *Am J Transplant.* 2019;19(3):907-919. doi:10.1111/ajt.15223
10. Pils S, Paternostro C, Bekos C, Hager M, Ristl R, Ott J. Prognostic Laboratory Parameters in Placental Abruptio: A Retrospective Case-Control Study. *J Clin Med.* 2019;8(4). doi:10.3390/jcm8040482
11. Negrin LL, Ristl R, Halat G, Heinz T, Hajdu S. The impact of polytrauma on sRAGE levels: evidence and statistical analysis of temporal variations. *World J Emerg Surg.* 2019;14:13. doi:10.1186/s13017-019-0233-6
12. Kainz A, Berner C, Ristl R, Simon A, Stamm T, Zitt E, Kramar R, Antlanger M, Kautzky-Willer A, Schmalldienst S, Schernhammer E, Port FK, Carrero JJ, Jager KJ, Hecking M. Sex-specific analysis of haemodialysis prevalence, practices and mortality over time: the Austrian Dialysis Registry from 1965 to 2014. *Nephrol Dial Transplant.* 2019;34(6):1026-1035. doi:10.1093/ndt/gfy322
13. Jomrich G, Hollenstein M, John M, Ristl R, Paireder M, Kristo I, Asari R, Schoppmann SF. High Mean Corpuscular Volume Predicts Poor Outcome for Patients With Gastroesophageal Adenocarcinoma. *Ann Surg Oncol.* 2019;26(4):976-985. doi:10.1245/s10434-019-07186-1
14. Hoffmann K, Ristl R, George A, Maier M, Pichlhofer O. The ecology of medical care: access points to the health care system in Austria and other developed countries. *Scand J Prim Health Care.* 2019;37(4):409-417. doi:10.1080/02813432.2019.1663593

15. Handisurya A, Rumpold T, Caucig-Lutgendorf C, Flechl B, Preusser M, Ilhan-Mutlu A, Dieckmann K, Widhalm G, Grisold A, Wohrer A, Hainfellner J, Ristl R, Kurz C, Marosi C, Gessl A, Hassler M. Are hypothyroidism and hypogonadism clinically relevant in patients with malignant gliomas? A longitudinal trial in patients with glioma. *Radiother Oncol.* 2019;130:139-148. doi:10.1016/j.radonc.2018.10.014
16. Hager M, Wenzl R, Riesenhuber S, Marschalek J, Kuessel L, Mayrhofer D, Ristl R, Kurz C, Ott J. The Prevalence of Incidental Endometriosis in Women Undergoing Laparoscopic Ovarian Drilling for Clomiphene-Resistant Polycystic Ovary Syndrome: A Retrospective Cohort Study and Meta-Analysis. *J Clin Med.* 2019;8(8). doi:10.3390/jcm8081210
17. Eckl-Dorna J, Weber M, Stanek V, Linhart B, Ristl R, Waltl EE, Villazala-Merino S, Hummel A, Focke-Tejkl M, Froeschel R, Neubauer A, Henning R, Perkmann T, Valenta R, Niederberger V. Two years of treatment with the recombinant grass pollen allergy vaccine BM32 induces a continuously increasing allergen-specific IgG4 response. *EBioMedicine.* 2019;50:421-432. doi:10.1016/j.ebiom.2019.11.006
18. Burger AL, Schmidinger H, Ristl R, Pezawas T. Sex difference in inappropriate therapy and survival among 1471 implantable cardioverter-defibrillator recipients. *J Cardiovasc Electrophysiol.* 2019;30(9):1620-1625. doi:10.1111/jce.14003
19. Boehm T, Reiter B, Ristl R, Petroczi K, Sperr W, Stimpfl T, Valent P, Jilma B. Massive release of the histamine-degrading enzyme diamine oxidase during severe anaphylaxis in mastocytosis patients. *Allergy.* 2019;74(3):583-593. doi:10.1111/all.13663
20. Bernardi MH, Wahrmann M, Dworschak M, Kietaihl C, Ristl R, Edlinger-Stanger M, Lassnigg A, Hiesmayr MJ, Weber U. Carotid artery blood flow velocities during open-heart surgery and its association with delirium: A prospective, observational pilot study. *Medicine (Baltimore).* 2019;98(50):e18234. doi:10.1097/MD.00000000000018234
21. Bernardi MH, Rinoesl H, Ristl R, Weber U, Wiedemann D, Hiesmayr MJ. Hemoadsorption does not Have Influence on Hemolysis During Cardiopulmonary Bypass. *ASAIO J.* 2019;65(7):738-743. doi:10.1097/MAT.0000000000000897
22. Bernardi MH, Haider DG, Domenig CM, Ristl R, Hagmann M, Haisjackl M, Hiesmayr MJ, Lassnigg A. Does the choice of intraoperative fluid modify abdominal aneurysm repair outcomes?: A cohort analysis. *Medicine (Baltimore).* 2019;98(28):e16387. doi:10.1097/MD.00000000000016387
23. Bauer P, Uebellacker F, Mitter B, Aigner AJ, Hasenoehrl T, Ristl R, Tschan H, Seitz LB. Combining higher-load and lower-load resistance training exercises: A systematic review and meta-analysis of findings from complex training studies. *J Sci Med Sport.* 2019;22(7):838-851. doi:10.1016/j.jsams.2019.01.006
24. Bartko PE, Clavel M-A, Annabi M-S, Dahou A, Ristl R, Goliash G, Baumgartner H, Hengstenberg C, Cavalcante JL, Burwash I, Enriquez-Sarano M, Bergler-Klein J, Rodes-Cabau J, Pibarot P, Mascherbauer J. Sex-Related Differences in Low-Gradient, Low-Ejection Fraction Aortic Stenosis: Results From the Multicenter TOPAS Study. *JACC Cardiovasc Imaging.* 2019;12(1):203-205. doi:10.1016/j.jcmg.2018.11.003
25. Weidhofer C, Meyer E, Ristl R, Wiedemann H, Cadamuro J, Kipman U, Zierk J, Male C, Quehenberger P, Haschke-Becher E, Einwallner E. Dynamic reference intervals for coagulation parameters from infancy to adolescence. *Clin Chim Acta.* 2018;482:124-135. doi:10.1016/j.cca.2018.04.003
26. Velicky P, Windsperger K, Petroczi K, Pils S, Reiter B, Weiss T, Vondra S, Ristl R, Dekan S, Fiala C, Cantonwine DE, McElrath TF, Jilma B, Knofler M, Boehm T, Pollheimer J. Pregnancy-associated diamine oxidase originates from extravillous trophoblasts and is decreased in early-onset preeclampsia. *Sci Rep.* 2018;8(1):6342. doi:10.1038/s41598-018-24652-0
27. Szarvas T, Sevcenco S, Modos O, Keresztes D, Nyirady P, Csizmarik A, Ristl R, Puhf M, Hoffmann MJ, Niedworok C, Hadaschik B, Maj-Hes A, Shariat SF, Kramer G. Matrix metalloproteinase 7, soluble Fas and Fas ligand serum levels for predicting docetaxel resistance and survival in castration-resistant prostate cancer. *BJU Int.* 2018;122(4):695-704. doi:10.1111/bju.14415
28. Mitroiu M, Oude Rengerink K, Pontes C, Sancho A, Vives R, Pesiou S, Fontanet JM, Torres F,

- Nikolakopoulos S, Pateras K, Rosenkranz G, Posch M, Urach S, Ristl R, Koch A, Loukia S, van der Lee JH, Roes KCB. Applicability and added value of novel methods to improve drug development in rare diseases. *Orphanet J Rare Dis.* 2018;13(1):200. doi:10.1186/s13023-018-0925-0
29. Ledolter AA, Holder GE, Ristl R, Schmidt-Erfurth U, Ritter M. Electrophysiological findings show generalised post-photoreceptor deficiency in macular telangiectasia type 2. *Br J Ophthalmol.* 2018;102(1):114-119. doi:10.1136/bjophthalmol-2017-310228
30. Lambers C, Boehm PM, Lee S, Ius F, Jaksch P, Klepetko W, Tudorache I, Ristl R, Welte T, Gottlieb J. Effect of antifibrotics on short-term outcome after bilateral lung transplantation: a multicentre analysis. *Eur Respir J.* 2018;51(6). doi:10.1183/13993003.00503-2018
31. Gludovacz E, Maresch D, Lopes de Carvalho L, Puxbaum V, Baier LJ, Sutzl L, Guedez G, Grunwald-Gruber C, Ulm B, Pils S, Ristl R, Altmann F, Jilma B, Salminen TA, Borth N, Boehm T. Oligomannosidic glycans at Asn-110 are essential for secretion of human diamine oxidase. *J Biol Chem.* 2018;293(3):1070-1087. doi:10.1074/jbc.M117.814244
32. D Andrea D, Abufaraj M, Susani M, Ristl R, Foerster B, Kimura S, Mari A, Soria F, Briganti A, Karakiewicz PI, Gust KM, Roupert M, Shariat SF. Accurate prediction of progression to muscle-invasive disease in patients with pT1G3 bladder cancer: A clinical decision-making tool. *Urol Oncol.* 2018;36(5):239.e1-239.e7. doi:10.1016/j.urolonc.2018.01.018
33. Burger AL, Stojkovic S, Schmidinger H, Ristl R, Pezawas T. Defensive Implantable Cardioverter-Defibrillator Programming Is Safe and Reduces Inappropriate Therapy- Comparison of 3 Programming Strategies in 1,471 Patients. *Circ J.* 2018;82(12):2976-2982. doi:10.1253/circj.CJ-18-0611
34. Weiss D, Schaschinger M, Ristl R, Gruber R, Kopp T, Stingl G, Bangert C. Ustekinumab treatment in severe atopic dermatitis: Down-regulation of T-helper 2/22 expression. *J Am Acad Dermatol.* 2017;76(1):91-97.e3. doi:10.1016/j.jaad.2016.07.047
35. Pichlhofer O, Maier M, Badr-Eslam R, Ristl R, Zebrowska M, Lang IM. Clinical presentation and management of stable coronary artery disease in Austria. *PLoS One.* 2017;12(4):e0176257. doi:10.1371/journal.pone.0176257
36. Negrin LL, Halat G, Kettner S, Gregori M, Ristl R, Hajdu S, Heinz T. Club cell protein 16 and cytokeratin fragment 21-1 as early predictors of pulmonary complications in polytraumatized patients with severe chest trauma. *PLoS One.* 2017;12(4):e0175303. doi:10.1371/journal.pone.0175303
37. Kreissl A, Sauerzapf E, Repa A, Binder C, Thanhaeuser M, Jilma B, Ristl R, Berger A, Haiden N. Starting enteral nutrition with preterm single donor milk instead of formula affects time to full enteral feeding in very low birthweight infants. *Acta Paediatr.* 2017;106(9):1460-1467. doi:10.1111/apa.13914
38. Keilani M, Hasenoehrl T, Baumann L, Ristl R, Schwarz M, Marhold M, Sedghi Komandj T, Crevenna R. Effects of resistance exercise in prostate cancer patients: a meta-analysis. *Support Care Cancer.* 2017;25(9):2953-2968. doi:10.1007/s00520-017-3771-z
39. Jilma-Stohlawetz P, Fritsche-Polanz S, Quehenberger P, Schorgenhofer C, Bartko J, Ristl R, Jilma B. Evaluation of between-, within- and day-to-day variation of coagulation measured by rotational thrombelastometry (ROTEM). *Scand J Clin Lab Invest.* 2017;77(8):651-657. doi:10.1080/00365513.2017.1394487
40. Holzer I, Lehner R, Ristl R, Husslein PW, Berger A, Farr A. Effect of delivery mode on neonatal outcome among preterm infants: an observational study. *Wien Klin Wochenschr.* 2017;129(17-18):612-617. doi:10.1007/s00508-016-1150-2
41. Halat G, Negrin L, Erhart J, Ristl R, Hajdu S, Platzer P. Treatment options and outcome after bony avulsion of the flexor digitorum profundus tendon: a review of 29 cases. *Arch Orthop Trauma Surg.* 2017;137(2):285-292. doi:10.1007/s00402-016-2619-1
42. Beer L, Nemeč L, Wagner T, Ristl R, Altenburger LM, Ankersmit HJ, Mildner M. Ionizing radiation regulates long non-coding RNAs in human peripheral blood mononuclear cells. *J Radiat Res.* 2017;58(2):201-209. doi:10.1093/jrr/rww111
43. Smretschnig E, Falkner-Radler CI, Binder S, Sporn J, Ristl R, Glittenberg C, Krepler K. VISION-RELATED QUALITY OF LIFE AND VISUAL FUNCTION AFTER RETINAL DETACHMENT SURGERY. *Retina.* 2016;36(5):967-973. doi:10.1097/IAE.0000000000000817

44. Smretschnig E, Hagen S, Glittenberg C, Ristl R, Krebs I, Binder S, Ansari-Shahrezaei S. Intravitreal anti-vascular endothelial growth factor combined with half-fluence photodynamic therapy for choroidal neovascularization in chronic central serous chorioretinopathy. *Eye (Lond)*. 2016;30(6):805-811. doi:10.1038/eye.2016.41
45. Pezawas T, Ristl R, Schukro C, Schmidinger H. Health-related quality of life changes in patients undergoing repeated catheter ablation for atrial fibrillation. *Clin Res Cardiol*. 2016;105(1):1-9. doi:10.1007/s00392-015-0879-3
46. Kuessel L, Zeisler H, Ristl R, Binder J, Pateisky P, Schmid M, Marschalek J, Perkmann T, Haslacher H, Husslein H. The usefulness of CYFRA 21-1 to diagnose and predict preeclampsia: a nested case-control study. *BMC Pregnancy Childbirth*. 2016;16(1):339. doi:10.1186/s12884-016-1132-4
47. Kinstner CM, Lammer J, Willfort-Ehringer A, Matzek W, Gschwandtner M, Javor D, Funovics M, Schoder M, Koppensteiner R, Loewe C, Ristl R, Wolf F. Paclitaxel-Eluting Balloon Versus Standard Balloon Angioplasty in In-Stent Restenosis of the Superficial Femoral and Proximal Popliteal Artery: 1-Year Results of the PACUBA Trial. *JACC Cardiovasc Interv*. 2016;9(13):1386-1392. doi:10.1016/j.jcin.2016.04.012
48. Distelmaier K, Schrutka L, Binder C, Steinlechner B, Heinz G, Lang IM, Ristl R, Maurer G, Koinig H, Wiedemann D, Rutzler K, Niessner A, Goliash G. Cardiac arrest does not affect survival in post-operative cardiovascular surgery patients undergoing extracorporeal membrane oxygenation. *Resuscitation*. 2016;104:24-27. doi:10.1016/j.resuscitation.2016.03.028
49. Bernardi MH, Schmidlin D, Ristl R, Heitzinger C, Schiferer A, Neugebauer T, Wrba T, Hiesmayr M, Druml W, Lassnigg A. Serum Creatinine Back-Estimation in Cardiac Surgery Patients: Misclassification of AKI Using Existing Formulae and a Data-Driven Model. *Clin J Am Soc Nephrol*. 2016;11(3):395-404. doi:10.2215/CJN.03560315
50. Bernardi MH, Rinoesl H, Dragosits K, Ristl R, Hoffelner F, Opfermann P, Lamm C, Preissing F, Wiedemann D, Hiesmayr MJ, Spittler A. Effect of hemoadsorption during cardiopulmonary bypass surgery - a blinded, randomized, controlled pilot study using a novel adsorbent. *Crit Care*. 2016;20:96. doi:10.1186/s13054-016-1270-0
51. Aschauer S, Kammerlander AA, Zotter-Tufaro C, Ristl R, Pfaffenberger S, Bachmann A, Duca F, Marzluf BA, Bonderman D, Mascherbauer J. The right heart in heart failure with preserved ejection fraction: insights from cardiac magnetic resonance imaging and invasive haemodynamics. *Eur J Heart Fail*. 2016;18(1):71-80. doi:10.1002/ehfj.418
52. Zotter-Tufaro C, Mascherbauer J, Duca F, Koell B, Aschauer S, Kammerlander AA, Panzenboeck A, Sadushi-Kolici R, Bangert C, Laimer D, Ristl R, Lang IM, Bonderman D. Prognostic Significance and Determinants of the 6-Min Walk Test in Patients With Heart Failure and Preserved Ejection Fraction. *JACC Heart Fail*. 2015;3(6):459-466. doi:10.1016/j.jchf.2015.01.010
53. Willegger M, Holinka J, Ristl R, Wanivenhaus AH, Windhager R, Schuh R. Correction power and complications of first tarsometatarsal joint arthrodesis for hallux valgus deformity. *Int Orthop*. 2015;39(3):467-476. doi:10.1007/s00264-014-2601-x
54. Weiss D, Ristl R, Griss J, Bangert C, Foedinger D, Stingl G, Brunner PM. Autoantibody Levels and Clinical Disease Severity in Patients with Pemphigus: Comparison of Aggregated Anti-desmoglein ELISA Values and Indirect Immunofluorescence Titres. *Acta Derm Venereol*. 2015;95(5):559-564. doi:10.2340/00015555-2023
55. Weber U, Base E, Ristl R, Mora B. Effect of Preload Alterations on Left Ventricular Systolic Parameters Including Speckle-Tracking Echocardiography Radial Strain During General Anesthesia. *J Cardiothorac Vasc Anesth*. 2015;29(4):852-859. doi:10.1053/j.jvca.2014.12.015
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59. Negele L, Schneider B, Ristl R, Stulnig TM, Willfort-Ehringer A, Helk O, Widhalm K. Effect of a low-fat diet enriched either with rapeseed oil or sunflower oil on plasma lipoproteins in children and adolescents with familial hypercholesterolaemia. Results of a pilot study. *Eur J Clin Nutr*. 2015;69(3):337-343. doi:10.1038/ejcn.2014.234
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62. Kuessel L, Husslein H, Marschalek J, Brunner J, Ristl R, Popow-Kraupp T, Kiss H. Prediction of Maternal Cytomegalovirus Serostatus in Early Pregnancy: A Retrospective Analysis in Western Europe. *PLoS One*. 2015;10(12):e0145470. doi:10.1371/journal.pone.0145470
63. Goliash G, Zotter-Tufaro C, Aschauer S, Duca F, Koell B, Kammerlander AA, Ristl R, Lang IM, Maurer G, Mascherbauer J, Bonderman D. Outcome in Heart Failure with Preserved Ejection Fraction: The Role of Myocardial Structure and Right Ventricular Performance. *PLoS One*. 2015;10(7):e0134479. doi:10.1371/journal.pone.0134479
64. Egger C, Lupinek C, Ristl R, Lemell P, Horak F, Ziegelmayer P, Spitzauer S, Valenta R, Niederberger V. Effects of nasal corticosteroids on boosts of systemic allergen-specific IgE production induced by nasal allergen exposure. *PLoS One*. 2015;10(2):e0114991. doi:10.1371/journal.pone.0114991
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67. Schuh R, Willegger M, Holinka J, Ristl R, Windhager R, Wanivenhaus AH. Response to the comment on Schuh et al.: Angular correction and complications of proximal first metatarsal osteotomies for hallux valgus deformity. *Int Orthop*. 2014;38(3):669-670. doi:10.1007/s00264-013-2206-9
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69. Pezawas T, Ristl R, Bilinski M, Schukro C, Schmidinger H. Single, remote-magnetic catheter approach for pulmonary vein isolation in patients with paroxysmal and non-paroxysmal atrial fibrillation. *Int J Cardiol*. 2014;174(1):18-24. doi:10.1016/j.ijcard.2014.03.013
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- Publications as first or last author at the University of Natural Resources and Life Sciences Vienna:
80. Ristl R, Kainz B, Stadlmayr G, Schuster H, Pum D, Messner P, Obinger C, Schaffer C. A fusion tag to fold on: the S-layer protein SgsE confers improved folding kinetics to translationally fused enhanced green fluorescent protein. *J Microbiol Biotechnol*. 2012;22(9):1271-1278. doi:10.4014/jmb.1202.02023
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- Publications as co-author at the University of Natural Resources and Life Sciences Vienna:
83. Horejs C, Ristl R, Tscheliessnig R, Sleytr UB, Pum D. Single-molecule force spectroscopy reveals the individual mechanical unfolding pathways of a surface layer protein. *J Biol Chem*. 2011;286(31):27416-27424. doi:10.1074/jbc.M111.251322
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Projects

- Responsible for the statistical study design and analysis of numerous academic studies at the Medical University of Vienna (see publication list).
- 2019 to current: Work package leader in the FWF (Austrian science fund) project "Sex Differences in Chronic Kidney Disease Identification and Treatment", FWF project number KLI 754, at the Medical University of Vienna
- 2014-2017: Post-doctoral researcher in the EU FP-7 project ASTERIX (Advances in Small Trials dEsign for Regulatory Innovation and eXcellence), FP7-HEALTH-2013-INNOVATION-1 Grant-Agreement No. 603160, at the Medical University of Vienna
- 2009-2010: Project leader of the project "Use of an S-layer self assembly protein as a base for the

conceptuation of a group B Streptococcus model vaccine: A nanobiotechnological approach", at the University of Natural Resources and Life Sciences Vienna (Universität für Bodenkultur Wien)
Funding: Hochschuljubiläumsstiftung der Stadt Wien (Research foundation of the municipality of Vienna)

Memberships

Member of the Austrian-Swiss Region of the International Biometric Society.
Recipient of the Arthur-Linder-Award 2017, awarded by the Austrian-Swiss Region of the International Biometric Society, for the publication "Optimal exact tests for multiple binary endpoints"
Contributions to scientific conferences:
Delayed treatment effects, treatment switching and heterogeneous patient populations: how to design and analyse randomized controlled trials in oncology 8th International Conference on Risk Analysis and Design of Experiments
Delayed treatment effects, treatment switches and heterogeneous patient populations: how to design and analyse RCTs in oncology PSI (Statisticians in the Pharmaceutical Industry) conference 2018
Wald and Score tests for simultaneous inference across multiple marginal GEE models 29th International Biometric Conference (IBC 2018)
Optimal exact tests for multiple binary endpoints CFECMStatistics 2018 (11th International Conference of the ERCIM WG on Computational and Methodological Statistics held jointly with the 12th International Conference on Computational and Financial Econometrics)
Optimal exact tests for multiple binary endpoints (Im Rahmen der Arthur-Linder Preisverleihung) CEN ISBS 2017 Joint Conference on Biometrics & Biopharmaceutical Statistics
Session Chair: Joint Modeling and Joint Inference for Multiple Outcomes CEN ISBS 2017 Joint Conference on Biometrics & Biopharmaceutical Statistics
Analysing multiple endpoints in small clinical trials CEN ISBS 2017 Joint Conference on Biometrics & Biopharmaceutical Statistics
Simultaneous inference for multiple marginal GEE models with small sample sizes 38th Annual Conference of the International Society for Clinical Biostatistics (ISCB)
Session Chair: Multiple testing procedures 1 Adaptive Designs and Multiple Comparison Procedures Workshop 2017
Simultaneous inference for multiple marginal GEE models with small sample sizes Adaptive Designs and Multiple Comparison Procedures Workshop 2017
Simultaneous inference for multiple marginal GEE models International Workshop on New Horizons in Simultaneous Inference using Multiple Marginal Models Approach- and Alternatives
Optimal exact tests for multiple binary endpoints ASTERIX project meeting
Optimal exact tests for multiple binary endpoints 37th Annual Conference of the International Society for Clinical Biostatistics (ISCB)
Optimal exact tests for multiple binary endpoints International Statistics Festival Salzburg
Optimal exact tests for multiple binary endpoints Adaptive Designs and Multiple Comparison Procedures Workshop
Optimal rejection regions for testing multiple binary endpoints in small samples Adaptive Designs and Multiple Comparison Procedures Workshop
A Parametric Rüger Test for Testing Multiple Co-Primary Endpoints Austria-Japan Joint Statistics Workshop
Fallback tests for co-primary endpoints 36th Annual Conference of the International Society for Clinical Biostatistics
Session Chair: Statistical methodology for clinical research in rare diseases 36th Annual Conference of the International Society for Clinical Biostatistics
Fallback Tests for Co-primary Endpoints Joint 24th ICSA Applied Statistics Symposium and 13th Graybill Conference
A fallback test for three co-primary endpoints - and discussion of a restricted nullspace

approach ASTERIX project meeting

A multiple testing procedure for three primary endpoints 35th Annual Conference of the International Society for Clinical Biostatistics

A multiple testing procedure for three primary endpoints 27th International Biometric Conference

A fallback test for three co-primary endpoints Workshop of the ROeS/IBS-DR working group
Adaptive Designs and Multiple Testing"

A parametric Rüger test and diagnostic trials ROeS Seminar 2013

Other Relevant Information