

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. Ristl R, Klopff J, Scheuba A, Wolf F, Funovics M, Gollackner B, Wanhainen A, Neumayer C, Posch M, Brostjan C, Eilenberg W. Growth prediction model for abdominal aortic aneurysms. *Br J Surg.* 2022;109(2):211-219. doi:10.1093/bjs/znab407
2. Hodlmoser S, Gehrig T, Antlanger M, Kurnikowski A, Lewandowski M, Krenn S, Zee J, Pecoits-Filho R, Kramar R, Carrero JJ, Jager KJ, Tong A, Port FK, Posch M, Winkelmayr WC, Schernhammer E, Hecking M, Ristl R. Sex Differences in Kidney Transplantation: Austria and the United States, 1978-2018. *Front Med (Lausanne).* 2021;8:800933. doi:10.3389/fmed.2021.800933
3. Ristl R, Ballarini NM, Gotte H, Schuler A, Posch M, Konig F. Delayed treatment effects, treatment switching and heterogeneous patient populations: How to design and analyze RCTs in oncology. *Pharm Stat.* 2021;20(1):129-145. doi:10.1002/pst.2062
4. Ristl R, Hothorn L, Ritz C, Posch M. Simultaneous inference for multiple marginal generalized estimating equation models. *Stat Methods Med Res.* 2020;29(6):1746-1762. doi:10.1177/0962280219873005
5. Pils S, Ott J, Reinthaller A, Steiner E, Springer S, Ristl R. Effect of Viewing Disney Movies During Chemotherapy on Self-Reported Quality of Life Among Patients With Gynecologic Cancer: A Randomized Clinical Trial. *JAMA Netw Open.* 2020;3(5):e204568. doi:10.1001/jamanetworkopen.2020.4568
6. 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
7. 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
8. 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
9. 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
10. 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
11. 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 first or last author at the University of Natural Resources and Life Sciences Vienna:

12. 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
13. Ristl R, Janesch B, Anzengruber J, Forsthuber A, Blaha J, Messner P, Schaffer C. Description of a Putative Oligosaccharyl:S-Layer Protein Transferase from the Tyrosine O-Glycosylation System of *Paenibacillus alvei* CCM 2051(T). *Adv Microbiol.* 2012;2(4):537-546. doi:10.4236/aim.2012.24069
14. Ristl R, Steiner K, Zarschler K, Zayni S, Messner P, Schaffer C. The s-layer glycome-adding to the sugar coat of bacteria. *Int J Microbiol.* 2011;2011. doi:10.1155/2011/127870

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

15. Kalic T, Kuehn A, Aumayr M, Bartra J, Bindslev-Jensen C, Codreanu-Morel F, Dominguez O, Forstenlechner P, Hemmer W, Kamath SD, Leung A, Leung N, Lifanov Y, Mortz CG, Pascal M, Ristl R, Sorensen M, Uzulmez O, Yeghiazaryan L, Wong G, Hafner C, Breiteneder H. Identification of Potentially Tolerated Fish Species by Multiplex IgE Testing of a Multinational Fish-Allergic Patient Cohort. *J Allergy Clin Immunol Pract.* 2022;10(12):3284-3292. doi:10.1016/j.jaip.2022.08.019
16. Stino H, Wassermann L, Ristl R, Abela-Formanek C, Georgopoulos M, Sacu S, Schmidt-Erfurth U, Pollreis A. Evaluation of neuroretinal integrity in optical coherence tomography-graded eyes with partial-thickness macular holes. *Acta Ophthalmol.* 2022;100(6):e1280-e1286. doi:10.1111/aos.15156
17. Ledolter AA, Ristl R, Palmowski-Wolfe AM, Montuoro A, Deak GG, Sacu S, Holder GE,

- Schmidt-Erfurth U, Ritter M. Macular Telangiectasia type 2: multimodal assessment of retinal function and microstructure. *Acta Ophthalmol.* 2022;100(6):e1240-e1252. doi:10.1111/aos.15072
18. Boehm T, Ristl R, Muhlbacher J, Valent P, Wahrmann M, Jilma B. Massive release of T(H)2 cytokines induced a cytokine storm during a severe mast cell activation event in a patient with indolent systemic mastocytosis. *J Allergy Clin Immunol.* 2022;150(2):406-414.e16. doi:10.1016/j.jaci.2022.04.023
19. Konrath E, Marhold F, Kindler W, Scheichel F, Popadic B, Blauensteiner K, Calabek B, Freydl E, Weber M, Ristl R, Hainz K, Sherif C, Oberndorfer S. Perioperative levetiracetam for seizure prophylaxis in seizure-naive brain tumor patients with focus on neurocognitive functioning. *BMC Neurol.* 2022;22(1):250. doi:10.1186/s12883-022-02762-7
20. Schweizer C, Hanreich C, Tscholl PM, Ristl R, Apprich S, Windhager R, Waldstein W. Nineteen percent of meniscus repairs are being revised and failures frequently occur after the second postoperative year: a systematic review and meta-analysis with a minimum follow-up of 5 years. *Knee Surg Sports Traumatol Arthrosc.* 2022;30(7):2267-2276. doi:10.1007/s00167-021-06770-x
21. Haiden N, Thanhaeuser M, Eibensteiner F, Huber-Dangl M, Gsoellpointner M, Ristl R, Kroyer B, Brandstetter S, Kornsteiner-Krenn M, Binder C, Thajer A, Jilma B. Randomized Controlled Trial of Two Timepoints for Introduction of Standardized Complementary Food in Preterm Infants. *Nutrients.* 2022;14(3). doi:10.3390/nu14030697
22. Quint T, Dahm V, Ramazanova D, Arnoldner MA, Kurz H, Janik S, Brunner PM, Knerer-Schally B, Weninger W, Griss J, Ristl R, Schneider S, Bangert C. Omalizumab-Induced Aspirin Tolerance in Nonsteroidal Anti-Inflammatory Drug-Exacerbated Respiratory Disease Patients Is Independent of Atopic Sensitization. *J Allergy Clin Immunol Pract.* 2022;10(2):506-516.e6. doi:10.1016/j.jaip.2021.09.050
23. Kornauth C, Pemovska T, Vladimer GI, Bayer G, Bergmann M, Eder S, Eichner R, Erl M, Esterbauer H, Exner R, Felsleitner-Hauer V, Forte M, Gaiger A, Geissler K, Greinix HT, Gstottner W, Hacker M, Hartmann BL, Hauswirth AW, Heinemann T, Heintel D, Hoda MA, Hopfinger G, Jaeger U, Kazianka L, Kenner L, Kiesewetter B, Krall N, Krajnik G, Kubicek S, Le T, Lubowitzki S, Mayerhoefer ME, Menschel E, Merkel O, Miura K, Mullauer L, Neumeister P, Noesslinger T, Ocko K, Ohler L, Panny M, Pichler A, Porpaczy E, Prager GW, Raderer M, Ristl R, Ruckser R, Salamon J, Schiefer A-I, Schmolke A-S, Schwarzwinger I, Selzer E, Sillaber C, Skrabs C, Sperr WR, Srdic I, Thalhammer R, Valent P, van der Kouwe E, Vanura K, Vogt S, Waldstein C, Wolf D, Zielinski CC, Zojer N, Simonitsch-Klupp I, Superti-Furga G, Snijder B, Staber PB. Functional Precision Medicine Provides Clinical Benefit in Advanced Aggressive Hematologic Cancers and Identifies Exceptional Responders. *Cancer Discov.* 2022;12(2):372-387. doi:10.1158/2159-8290.CD-21-0538
24. Jomrich G, Kollmann D, Ramazanova D, Ristl R, Grose RP, Ilhan-Mutlu A, Preusser M, Fassnacht C, Tsai Y-C, Guenova E, Schoppmann SF. Expression of programmed cell death protein 1 (PD-1) and programmed cell death 1 ligand (PD-L1) in adenocarcinomas of the gastroesophageal junction change significantly after neoadjuvant treatment. *Eur J Surg Oncol.* 2022;48(2):383-390. doi:10.1016/j.ejso.2021.08.016
25. Ghosh P, Ristl R, Konig F, Posch M, Jennison C, Gotte H, Schuler A, Mehta C. Robust group sequential designs for trials with survival endpoints and delayed response. *Biom J.* 2022;64(2):343-360. doi:10.1002/bimj.202000169
26. Boehm T, Ristl R, Joseph S, Petroczi K, Klavins K, Valent P, Jilma B. Metabolome and lipidome derangements during a severe mast cell activation event in a patient with indolent systemic mastocytosis. *J Allergy Clin Immunol.* 2021;148(6):1533-1544. doi:10.1016/j.jaci.2021.03.043
27. Champion NJ, Kohler R, Ristl R, Villazala-Merino S, Eckl-Dorna J, Niederberger-Leppin V. Prevalence and Symptom Burden of Nasal Polyps in a Large Austrian Population. *J Allergy Clin Immunol Pract.* 2021;9(11):4117-4129.e2. doi:10.1016/j.jaip.2021.06.037
28. Schwaiger E, Krenn S, Kurnikowski A, Bergfeld L, Perez-Saez MJ, Frey A, Topitz D, Bergmann M, Hodlmoser S, Bachmann F, Halleck F, Kron S, Hafner-Giessauf H, Eller K, Rosenkranz AR, Crespo M, Faura A, Tura A, Song PXX, Port FK, Pascual J, Budde K, Ristl R, Werzowa J, Hecking M. Early Postoperative Basal Insulin Therapy versus Standard of Care for the Prevention of Diabetes Mellitus after Kidney Transplantation: A Multicenter Randomized Trial. *J Am Soc Nephrol.* 2021;32(8):2083-2098. doi:10.1681/ASN.2021010127
29. Orlob S, Wittig J, Hobisch C, Auinger D, Honnef G, Fellingner T, Ristl R, Schindler O, Metnitz P, Feigl G, Prause G. Reliability of mechanical ventilation during continuous chest compressions: a crossover study of transport ventilators in a human cadaver model of CPR. *Scand J Trauma Resusc Emerg Med.* 2021;29(1):102. doi:10.1186/s13049-021-00921-2
30. Potter R, Tanderup K, Schmid MP, Jurgenliemk-Schulz I, Haie-Meder C, Fokdal LU, Sturdza AE, Hoskin P, Mahantshetty U, Segedin B, Bruheim K, Huang F, Rai B, Cooper R, van der

- Steen-Banasik E, Van Limbergen E, Pieters BR, Tan L-T, Nout RA, De Leeuw AAC, Ristl R, Petric P, Nesvacil N, Kirchheiner K, Kirisits C, Lindegaard JC. MRI-guided adaptive brachytherapy in locally advanced cervical cancer (EMBRACE-I): a multicentre prospective cohort study. *Lancet Oncol.* 2021;22(4):538-547. doi:10.1016/S1470-2045(20)30753-1
31. Jomrich G, Kollmann D, Wilfling L, Radosavljevic S, Ramazanov D, Ristl R, Grose RP, Ilhan-Mutlu A, Preusser M, Fassnacht C, Tsai Y-C, Guenova E, Schoppmann SF. Programmed death ligand 2 expression plays a limited role in adenocarcinomas of the gastroesophageal junction after preoperative chemotherapy. *Eur Surg.* 2021;53(6):287-293. doi:10.1007/s10353-021-00700-4
32. Ettl F, Fischer E, Losert H, Stumpf D, Ristl R, Ruetzler K, Greif R, Fischer H. Effects of an Automated External Defibrillator With Additional Video Instructions on the Quality of Cardiopulmonary Resuscitation. *Front Med (Lausanne).* 2021;8:640721. doi:10.3389/fmed.2021.640721
33. Guizzaro L, Petavy F, Ristl R, Gallo C. The Use of a Variable Representing Compliance Improves Accuracy of Estimation of the Effect of Treatment Allocation Regardless of Discontinuation in Trials with Incomplete Follow-up. *Statistics in Biopharmaceutical Research.* 2021;13(1):119-127. doi:10.1080/19466315.2020.1736141
34. Zagraban B, Eilenberg W, Scheuba A, Klopff J, Brandau A, Story J, Dosch K, Hayden H, Domenig CM, Fuchs L, Scherthaner R, Ristl R, Huk I, Neumayer C, Brostjan C. Complement Factor C5a Is Increased in Blood of Patients with Abdominal Aortic Aneurysm and Has Prognostic Potential for Aneurysm Growth. *J Cardiovasc Transl Res.* 2021;14(4):761-769. doi:10.1007/s12265-020-10086-5
35. Bernardi MH, Ristl R, Hiesmayr M, Lassnigg A. Reply to: very early creatinine changes and 30-day mortality after cardiac surgery. *Eur J Anaesthesiol.* 2021;38(6):665-667. doi:10.1097/EJA.0000000000001457
36. Farr S, Martinez-Alvarez S, Little KJ, Henstenburg J, Ristl R, Stauffer A, Soldado F, Zlotolow DA. The prevalence of Vickers' ligament in Madelung's deformity: a retrospective multicentre study of 75 surgical cases. *J Hand Surg Eur Vol.* 2021;46(4):384-390. doi:10.1177/1753193420981522
37. Muller MM, Schwaiger E, Kurnikowski A, Haidinger M, Ristl R, Tura A, Pacini G, Werzowa J, Hecking M. Glucose Metabolism After Kidney Transplantation: Insulin Release and Sensitivity With Tacrolimus- Versus Belatacept-Based Immunosuppression. *Am J Kidney Dis.* 2021;77(3):462-464. doi:10.1053/j.ajkd.2020.07.016
38. Doberer K, Duerr M, Halloran PF, Eskandary F, Budde K, Regele H, Reeve J, Borski A, Kozakowski N, Reindl-Schwaighofer R, Waiser J, Lachmann N, Schranz S, Firbas C, Muhlbacher J, Gelbenegger G, Perkmann T, Wahrmann M, Kainz A, Ristl R, Halleck F, Bond G, Chong E, Jilma B, Bohmig GA. A Randomized Clinical Trial of Anti-IL-6 Antibody Clazakizumab in Late Antibody-Mediated Kidney Transplant Rejection. *J Am Soc Nephrol.* 2021;32(3):708-722. doi:10.1681/ASN.2020071106
39. Charbonneau P, Kolbel T, Rohlfes F, Eilenberg W, Planche O, Bechstein M, Ristl R, Greenhalgh R, Haulon S. Silent Brain Infarction After Endovascular Arch Procedures: Preliminary Results from the STEP Registry. *Eur J Vasc Endovasc Surg.* 2021;61(2):239-245. doi:10.1016/j.ejvs.2020.11.021
40. Burger AL, Schmidinger H, Ristl R, Pezawas T. Appropriate and inappropriate therapy in patients with single- or multi-chamber implantable cardioverter-defibrillators. *Hellenic J Cardiol.* 2020;61(6):421-427. doi:10.1016/j.hjc.2020.03.001
41. Erhart J, Unger E, Trulson I, Hagmann M, Ristl R, Trulson A, Hajdu S, Schefzig P, Gormasz A, Mayr W. Pull-out forces of headless compression screws in variations of synthetic bone models imitating different types of scaphoid fractures in good bone quality. *J Mater Sci Mater Med.* 2020;31(11):92. doi:10.1007/s10856-020-06445-y
42. Bernardi MH, Ristl R, Neugebauer T, Hiesmayr MJ, Druml W, Lassnigg A. Very early changes in serum creatinine are associated with 30-day mortality after cardiac surgery: A cohort study. *Eur J Anaesthesiol.* 2020;37(10):898-907. doi:10.1097/EJA.0000000000001214
43. Eibensteiner F, Laml-Wallner G, Thanhaeuser M, Ristl R, Ely S, Jilma B, Berger A, Haiden N. ELBW infants receive inadvertent sodium load above the recommended intake. *Pediatr Res.* 2020;88(3):412-420. doi:10.1038/s41390-020-0867-9
44. Erhart J, Unger E, Schefzig P, Varga P, Hagmann M, Ristl R, Hajdu S, Gormasz A, Sadoghi P, Mayr W. Wrist movements induce torque and lever force in the scaphoid: an ex vivo study. *J Orthop Surg Res.* 2020;15(1):368. doi:10.1186/s13018-020-01897-y
45. Quint T, Brunner PM, Sinz C, Steiner I, Ristl R, Vigil K, Kimeswenger S, Neubauer K, Pirkhammer D, Zikeli M, Hoetzenecker W, Reider N, Bangert C. Dupilumab for the Treatment of Atopic Dermatitis in an Austrian Cohort-Real-Life Data Shows Rosacea-Like Folliculitis. *J Clin Med.* 2020;9(4). doi:10.3390/jcm9041241

46. Hodmoser S, Winkelmayr WC, Zee J, Pecoits-Filho R, Pisoni RL, Port FK, Robinson BM, Ristl R, Krenn S, Kurnikowski A, Lewandowski M, Ton A, Carrero JJ, Schernhammer ES, Hecking M. Sex differences in chronic kidney disease awareness among US adults, 1999 to 2018. *PLoS One*. 2020;15(12):e0243431. doi:10.1371/journal.pone.0243431
47. 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
48. 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 IgG(4) response. *EBioMedicine*. 2019;50:421-432. doi:10.1016/j.ebiom.2019.11.006
49. Bernardi MH, Wahrman M, Dworschak M, Kietabl 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
50. 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
51. 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
52. 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
53. 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
54. 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
55. 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
56. Kainz A, Berner C, Ristl R, Simon A, Stamm T, Zitt E, Kramar R, Antlanger M, Kautzky-Willer A, Schmaldienst 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
57. Pils S, Paternostro C, Bekos C, Hager M, Ristl R, Ott J. Prognostic Laboratory Parameters in Placental Abruption: A Retrospective Case-Control Study. *J Clin Med*. 2019;8(4). doi:10.3390/jcm8040482
58. 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
59. Schwaiger E, Burghart L, Signorini L, Ristl R, Kopecky C, Tura A, Pacini G, Wrba T, Antlanger M, Schmaldienst 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
60. 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
61. Handisurya A, Rumpold T, Caucig-Lutendorf 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

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63. 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
64. 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
65. 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
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- Publications as co-author at the University of Natural Resources and Life Sciences Vienna:
119. 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
120. Zarschler K, Janesch B, Kainz B, Ristl R, Messner P, Schaffer C. Cell surface display of chimeric glycoproteins via the S-layer of *Paenibacillus alvei*. *Carbohydr Res*. 2010;345(10):1422-1431. doi:10.1016/j.carres.2010.04.010

Projects

- Responsible for the statistical study design and analysis of numerous academic studies at the Medical University of Vienna (see publication list).
- 2019 to 2021: 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 conceptualization 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: Hochschuljubiläumstiftung 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"

Other Relevant Information