

Curriculum Vitæ

Ing. Christopher Cédric Kaltenecker, BSc (Hons.)

1) Contact

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2) Education

2013-2014 Emergency Medical Technician, Austrian Red Cross, District of Lower Austria

2010-2011 Civil Service, Austrian Red Cross, District of Lower Austria

2009-2010 Bachelor of Science (Honours), Dublin Institute of Technology, Dublin, Ireland

2008-2009 Bachelor of Science, Dublin Institute of Technology, Dublin, Ireland

2004-2008 A-Levels, Institute for Industrial Chemistry, Rosensteingasse, Vienna, Austria

3) Training, Academic and Professional Appointments

since 2012 PhD student, Medical University of Vienna, Austria

2011–2012 Laboratory technician, Medical University of Vienna, Austria

2008 4 months internship, Seibersdorf Labor GmbH, Austria

2005, 2006 3 months internship, Intercell AG, Vienna, Austria

4) Continuing education

2019 Machine Learning in der Medizin course

2017 Basics of scientific writing and presentation course

2014 Immediate Life Support (ILS) course

2013 Ethics and Good Scientific Practice course

2013 Clinical studies course

2013 Intellectual property rights and project management course

2013 Biomedical studies in animal course

2013 Medical Biostatistics course

2012 Scientific software and databases course

5) Scientific awards

2017 YSA PhD Symposium poster presentation award

2016 ÖGH Posterpreis

2015 Best Science | Art Award (YSA of the Medical University of Vienna)

6) Congress participation

2016 Gordon Research Seminar, Italy (Oral)

2015 Austrotransplant, Austria (Oral)

2015 Österreichische Gesellschaft für Nephrologie, Austria (Poster)

2015 PhD Symposium of the MUW Young Scientist Association, Austria (Oral)

2015 25th European meeting on hypertension and cardiovascular protection, Italy (Poster)

2013 50th ERA-EDTA Congress, Turkey (Poster)

7) Memberships of the scientific community

Since 2015 YSA of the Medical University of Vienna

2013–2018 Austrian society for Transplant, Transfusion and Genetics

8) Publications

- Kovarik JJ, Kaltenecker CC, Kopecky C, Domenig O, Antlanger M, Werzowa J, Eskandary F, Kain R, Poglitsch M, Schmaldienst S, Böhmig GA, Säemann MD. Intrarenal Renin-Angiotensin-System Dysregulation after Kidney Transplantation. *Sci Rep.* 2019 Jul 5;9(1):9762.
- Kopecky C, Lytvyn Y, Domenig O, Antlanger M, Kovarik JJ, Kaltenecker CC, Poglitsch M, Perkins BA, Rye K-A, Cherney DZI & Säemann MD (2019) Molecular regulation of the renin-angiotensin system by sodium-glucose cotransporter 2 inhibition in type 1 diabetes mellitus. *Diabetologia* 62: 1090–1093

- Werzowa JM, Säemann MD, Mohl A, Bergmann M, Kaltenecker CC, Brozek W, Thomas A, Haidinger M, Antlanger M, Kovarik JJ, Kopecky C, Song PXX, Budde K, Pascual J & Hecking M (2018) A randomized controlled trial-based algorithm for insulin-pump therapy in hyperglycemic patients early after kidney transplantation. *PLoS One* 13: e0193569
- Eskandary F, Regele H, Baumann L, Bond G, Kozakowski N, Wahrmann M, Hidalgo LG, Haslacher H, Kaltenecker CC, Aretin M-B, Oberbauer R, Posch M, Staudenherz A, Handisurya A, Reeve J, Halloran PF & Bohmig GA (2018) A Randomized Trial of Bortezomib in Late Antibody-Mediated Kidney Transplant Rejection. *J Am Soc Nephrol* 29: 591–605
- Kopecky C, Ebtehaj S, Genser B, Drechsler C, Krane V, Antlanger M, Kovarik JJ, Kaltenecker CC, Parvizi M, Wanner C, Weichhart T, Säemann MD & Tietge UJF (2017) HDL Cholesterol Efflux Does Not Predict Cardiovascular Risk in Hemodialysis Patients. *J Am Soc Nephrol* 28: 769–775
- Eskandary F, Bond G, Kozakowski N, Regele H, Marinova L, Wahrmann M, Kikic Z, Haslacher H, Rasoul-Rockenschaub S, Kaltenecker CC, König F, Hidalgo LG, Oberbauer R, Halloran PF & Bohmig GA (2017) Diagnostic Contribution of Donor-Specific Antibody Characteristics to Uncover Late Silent Antibody-Mediated Rejection-Results of a Cross-Sectional Screening Study. *Transplantation* 101: 631–641
- Antlanger M, Domenig O, Kovarik JJ, Kaltenecker CC, Kopecky C, Poglitsch M & Säemann MD (2017) Molecular remodeling of the renin-angiotensin system after kidney transplantation. *J Renin Angiotensin Aldosterone Syst* 18: 1470320317705232
- Antlanger M, Bernhofer S, Kovarik JJ, Kopecky C, Kaltenecker CC, Domenig O, Poglitsch M & Säemann MD (2017) Effects of direct renin inhibition versus angiotensin II receptor blockade on angiotensin profiles in non-diabetic chronic kidney disease. *Ann Med* 49: 525–533
- Kovarik JJ, Antlanger M, Domenig O, Kaltenecker CC, Hecking M, Haidinger M, Werzowa J, Kopecky C & Säemann MD (2015) Molecular regulation of the renin-angiotensin system in haemodialysis patients. *Nephrol Dial Transplant* 30: 115–123
- Domenig O, Manzel A, Grobe N, Königshausen E, Kaltenecker CC, Kovarik JJ, Stegbauer J, Gurley SB, van Oyen D, Antlanger M, Bader M, Motta-Santos D, Santos RA, Elased KM, Säemann MD, Linker RA & Poglitsch M (2016) Neprilysin is a Mediator of Alternative Renin-Angiotensin-System Activation in the Murine and Human Kidney. *Sci Rep* 6: 33678
- Kovarik JJ, Kopecky C, Antlanger M, Domenig O, Kaltenecker CC, Werzowa J, Hecking M, Mahr S, Grommer M, Wallner C, Aumayr K, Kain R, Zuckermann A, Poglitsch M & Säemann MD (2017) Effects of angiotensin-converting-enzyme inhibitor therapy on the regulation of the plasma and cardiac tissue renin-angiotensin system in heart transplant patients. *J Heart Lung Transplant* 36: 355–365
- Kopecky C, Haidinger M, Birner-Grunberger R, Darnhofer B, Kaltenecker CC, Marsche G, Holzer M, Weichhart T, Antlanger M, Kovarik JJ, Wer-

zowa J, Hecking M & Säemann MD (2015) Restoration of renal function does not correct impairment of uremic HDL properties. *J Am Soc Nephrol* 26: 565–575

- Kopecky C, Genser B, Drechsler C, Krane V, Kaltenecker CC, Hengstschlager M, März W, Wanner C, Säemann MD & Weichhart T (2015) Quantification of HDL proteins, cardiac events, and mortality in patients with type 2 diabetes on hemodialysis. *Clin J Am Soc Nephrol* 10: 224–231
- Katholnig K, Kaltenecker CC, Hayakawa H, Rosner M, Lassnig C, Zlabinger GJ, Gaestel M, Muller M, Hengstschlager M, Hörl WH, Park JM, Säemann MD & Weichhart T (2013) *p38alpha* senses environmental stress to control innate immune responses via mechanistic target of rapamycin. *J Immunol* 190: 1519–1527