

Konrad Hoetzenecker

- Education:** graduated 1998 at the Bundesrealgymnasium Aufhof with distinction
Anton Bruckner University for music, drama, and dance
10/1998 – 05/2002 (Teaching certificate for classical piano 5/2002)
Medical University of Vienna
10/2003 – Present
- Language skills:** Native German Speaker
Proficient in English
- Additional training:** Austrotransplant 2005, Alpbach, Austria
Österreichischer Chirurgenkongress 2006, Wien, Austria
Austrotransplant 2006, Hof, Austria
Kardiovaskuläre Forschungstage 2007, Weissensee, Austria
ISHLT, 27th Annual Meeting 2007, San Francisco, USA
Medical University of Vienna, Core Unit for Medical Statistics and Informatics, Section of Clinical Biometrics
 Biometrie I: Beschreibung und Visualisierung medizinischer Daten
 Biometrie II: Statistische Tests und Lebensdaueranalyse bei medizinischen Fragestellungen
Österreichischer Chirurgenkongress 2007, Graz, Austria
Austrotransplant 2007, St.Wolfgang, Austria
ÖGAI 2007, Alpbach, Austria
EAACI-GA2LEN Davos Meeting 2008, Pichl, Austria
TEE, peri-operative Echokardiographie – Basiskurs 2008, Hernstein, Austria
TEE, peri-operative Echokardiographie – Aufbaukurs 2008, Hernstein, Austria
EACTS meeting on Cardiac & Pulmonary Regeneration 2008, Bern, Switzerland
- Memberships:** Austrian Transplant Society
International Society for Heart & Lung Transplantation
Austrian Society of Allergology and Immunology
- Grants:** Stipend of the Medical University of Vienna for outstanding study performance 2003/04
Stipend of the Medical University of Vienna for outstanding study performance 2004/05
Stipend of the Medical University of Vienna for the CMV hyperimmunoglobuline study 2006
Stipend of the Medical University of Vienna for outstanding study performance 2005/06
Stipend of the Medical University of Vienna for outstanding study performance 2006/07
Stipend of the Medical University of Vienna for outstanding study performance 2007/08
Stipend of the Medical University of Vienna for outstanding study performance 2008/09
- Research Fellows:** Nickl Stefanie (2008-ongoing)
Mitterbauer Andreas (2008-ongoing)
Janig Florian (2008-ongoing)
Wressnegger Alexander (2008-ongoing)
Kortüm Benedikt (2008-ongoing)

Roth GA, Moser B, Krenn C, Roth-Walter F, Hetz H, Richter S, Brunner M, Jensen-Jarolim E, Wolner E, Hoetzenecker K, Boltz-Nitulescu G, Ankersmit HJ.

Heightened levels of circulating 20S proteasome in critically ill patients.

Eur J Clin Invest. 2005 Jun;35(6):399-403.

IF: 2.701 [01/2009]

Szerafin T, Brunner M, Horvath A, Szentgyorgyi L, Moser B, Boltz-Nitulescu G, Peterffy A, Hoetzenecker K, Steinlechner B, Wolner E, Ankersmit HJ.

Soluble ST2 protein in cardiac surgery: a possible negative feedback loop to prevent uncontrolled inflammatory reactions.

Clin Lab. 2005;51(11-12):657-63.

IF: 1.523 [07/2009]

Ankersmit HJ, Ullrich R, Moser B, Hoetzenecker K, Hacker S, German P, Krenn C, Horvat R, Grimm M, Wolner E, Zuckermann A.

Recovery from giant cell myocarditis with ECMO support and utilisation of polyclonal antithymocyte globulin: a case report.

Thorac Cardiovasc Surg. 2006 Jun;54(4):278-80.

IF: 0.741 [01/2009]

Szerafin T, Horvath A, Moser B, Hacker S, Hoetzenecker K, Steinlechner B, Brunner M, Roth G, Boltz-Nitulescu G, Peterffy A, Wolner E, Ankersmit HJ.

Apoptosis-specific activation markers in on- versus off-pump coronary artery bypass graft (CABG) patients.

Clin Lab. 2006;52(5-6):255-61.

IF: 1.523 [01/2009]

Ankersmit HJ, Hacker S, Hoetzenecker K, Moser B, Wolner E.

The impact of hypogammaglobulinemia on infection outcome in patients undergoing ventricular assist device implantation.

J Heart Lung Transplant. 2006 Nov;25(11):1387-8.

IF: 3.087 [01/2009]

Adlbrecht C*, Hoetzenecker K*, Posch M, Steiner S, Kopp C, Hacker S, Auer J, Horvath R, Moser B, Roth G, Wolner E, Lang IM, Ankersmit HJ.

Elevated levels of interleukin-1beta-converting enzyme and caspase-cleaved cytokeratin-18 in acute myocardial infarction.

Eur J Clin Invest. 2007 May;37(5):372-80.

IF: 2.701 [01/2009]

*both authors contributed equally – shared first authorship

Hetz H, Hoetzenecker K, Hacker S, Faybik P, Pollreisz A, Moser B, Roth G, Hoetzenecker W, Lichtenauer M, Klinger M, Krenn CG, Ankersmit HJ.

Caspase-cleaved cytokeratin 18 and 20 S proteasome in liver degeneration.

J Clin Lab Anal. 2007;21(5):277-81.

IF: 0.955 [01/2009]

Hoetzenecker K, Hacker S, Hoetzenecker W, Sadeghi K, Sachet M, Pollreisz A, Mangold A, Wlisczak T, Bielek E, Muehlbacher F, Klepetko W, Ankersmit HJ.

Cytomegalovirus hyperimmunoglobulin: Mechanisms in Allo-Immune Response in vitro.

Eur J Clin Invest. 2007 Dec;37(12):978-86.

IF: 2.701 [01/2009]

Szerafin T*, Hoetzenecker K*, Hacker S, Horvath A, Pollreisz A, Peterffy A, Mangold A, Wlisczak T, Moser B, Seitelberger R, Wolner E, Ankersmit HJ.

Heat Shock Proteins (HSP27/60/70/90 α) and 20S Proteasome in On- versus Off-Pump Coronary Artery Bypass Graft (CABG) Patients.

Ann Thorac Surg. 2008 Jan;85(1):80-7.

IF: 2.022 [01/2009]

*both authors contributed equally – shared first authorship

Hoetzenecker W, Zipfel M, Hoetzenecker K, Röcken M.

Vasculitic leg ulcers in a patient with mixed myelodysplastic and myeloproliferative syndrome.

J Eur Acad Dermatol Venereol. 2008 Jan;22(1):110-2.

IF: 1.437 [01/2009]

Pollreisz A, Assinger A, Hacker S, Hoetzenecker K, Lang G, Wolfsberger M, Steinlechner B, Bielek E, Lalla E, Klepetko W, Volf I[#], Ankersmit HJ[#].

- Intravenous immunoglobulins induce CD32-mediated platelet aggregation in vitro.**
Br J Dermatol. 2008 Sep;159(3):578-84. IF: 3.503 [01/2009]
 # both authors contributed equally – shared last authorship
- Ankersmit HJ, Hacker S, Hoetzenecker K, Grimm M.
Gigantic coronary fistula.
Wien Klin Wochenschr. 2008;120(5-6):152. IF: 0.885 [01/2009]
- Hoetzenecker K, Ankersmit HJ, Bonderman D, Hoetzenecker W, Seitelberger R, Klepetko W, Lang IM.
ASD repair after a 10-month treatment with bosentan in a patient with severe pulmonary arterial hypertension: a case report.
JTCVS. 2008 ahead of print IF: 3.354 [01/2009]
- Hoetzenecker K, Ankersmit HJ, Aigner C, Lichtenauer M, Kreuzer S, Hacker S, Hoetzenecker W, Lang G, Klepetko W.
Consequences of a Wait-and-See Strategy for Benign Metastasizing Leiomyomatosis of the Lung.
Ann Thorac Surg. 2009 Feb;87(2):613-614. IF: 2.022 [01/2009]
- Soleiman A, Lukschal A, Hacker S, Aumayr K, Hoetzenecker K, Lichtenauer M, Moser B, Untersmayr E, Horvat R, Ankersmit HJ.
Myocardial lipofuscin-laden lysosomes contain the apoptosis marker caspase-cleaved cytokeratin-18.
Eur J Clin Invest. 2008 Oct;38(10):708-12. IF: 2.701 [01/2009]
- Hoetzenecker K, Adlbrecht C, Hacker S, Hoetzenecker W, Lichtenauer M, Mangold A, Moser B, Lang IM, Muehlbacher F, Klepetko W, Ankersmit HJ.
Levels of sCD40, sCD40L, TNF α and TNF-RI in the Culprit Coronary Artery During Myocardial Infarction.
free communication. Jul 2008
- Szerafin T*, Niederpold T*, Mangold A*, Hoetzenecker K, Hacker S, Moser B, Roth G, Pollreisz A, Lichtenauer M, Dworschak M, Wolner E, Ankersmit HJ.
Secretion of Soluble ST2 – Possible Explanation for Systemic Immunosuppression after Heart Surgery.
Thorac Cardiovasc Surg. 2009 Feb;57(1):25-9. IF: 0.741 [01/2009]
 *authors contributed equally – shared first authorship
- Lambers C*, Hacker S*, Posch M, Hoetzenecker K, Pollreisz A, Lichtenauer M, Klepetko W, Ankersmit HJ.
T-cell Senescence and Contraction of T-cell Repertoire diversity in Patients with Chronic Obstructive Pulmonary Disease.
Clin Exp Immunol. 2009 Mar;155(3):466-75. IF: 2.599 [01/2009]
 *both authors contributed equally – shared first authorship
- Hacker S, Lambers C, Hoetzenecker K, Pollreisz A, Aigner C, Mangold A, Lichtenauer M, Taghavi S, Klepetko W, Ankersmit HJ.
Elevated HSP27, HSP70 and HSP90 α in Chronic Obstructive Pulmonary Disease: Markers of Immune Activation and Tissue Destruction.
Clin Labl. 2008 ahead of print IF: 1.523 [01/2009]
- Roth GA, Faybik P, Hetz H, Hoetzenecker K, Ankersmit HJ, Bacher A, Thalhammer T, Krenn CG.
MCP-1 and MIP3-alpha serum levels in acute liver failure and MARS treatment - a pilot study.
Scand J Gastroenterol. 2009 Feb 26:1-7. IF: 1.758 [01/2009]
- Ankersmit HJ, Hoetzenecker K, Dietl W, Soleiman A, Wolfersberger C, Gerner C, Hacker S, Mildner M, Moser B, Lichtenauer M, Podesser BK.
Irradiated cultured apoptotic peripheral blood mononuclear cells regenerate infarcted myocardium.
Eur J Clin Invest. 2009 ahead of print IF: 2.701 [01/2009]

Manuscripts submitted (2):

Hacker S, Lambers C, Pollreisz A, Hoetzenecker K, Mangold A, Niederpold T, Lichtenauer M, Hacker A, Lang G, Klepetko W, Ankersmit HJ.

Increased Soluble Serum Markers ICE, ST2, Caspase-Cleaved Cytokeratin-18 and Histones Indicate Apoptotic Turnover and Chronic Immune Response in COPD.

Lichtenauer M, Nickl S, Hoetzenecker K, Mangold A, Moser B, Zimmermann M, Hacker S, Niederpold T, Mitterbauer A, Ankersmit HJ.

Phosphate buffered saline containing calcium and magnesium elicits increased secretion of Interleukin-1 receptor antagonist

Manuscripts in preparation (1):

Hoetzenecker W, Guenova E, Hoetzenecker K, Echtenacher B, Woelbing F, Brueck J, Biedermann T, Ghoreschi K, M. Röcken.

The transcription factor ATF3 causes susceptibility to sepsis and posttraumatic immune suppression.

National Co-operations:

Christopher Adlbrecht, Dept. of Cardiology, Medical University of Vienna

Claus Krenn, Dept. of Anesthesiology and General Intensive Care, Medical University of Vienna

Afschin Soleiman, Clinical Institute for Pathology, Medical University of Vienna

Michael Mildner, Dept. of Dermatology, Medical University of Vienna

Georg Roth, Dept. of Anesthesiology and General Intensive Care, Medical University of Vienna

Barbara Steinlechner, Dept. of Anesthesiology and General Intensive Care, Medical University of Vienna

International Co-operations:

Wolfram Hoetzenecker, Dept. of Dermatology, Medical University Tübingen, Germany

Urs Eriksson, Dept. of Cardiology, Medical University of Basel, Switzerland

Academic Teaching:

VO AHA Guidelines in der Cardiovasculären Chirurgie 2007 – invited lecture

VO+SE Vom Textbuch der Herzchirurgie zur PowerPoint-Präsentation 2007 – invited lecture

MedSuccess 2008: IVIG und Thrombozytenaggregation - Hyperviskosität als Ausrede?

Books/Book Chapters:

Hoetzenecker K (2008). **Tolerance Inducing Effects of CMV Hyperimmunoglobulin Containing Drugs**. Saarbruecken, Germany. VDM.

Hoetzenecker K, Hacker S, Hoetzenecker W, Lichtenauer M, Moser B and Ankersmit HJ (2009). **The Role of Caspase-cleaved Cytokeratin-18 in the Development of Ischemic Cardiomyopathy**. In: Bruno PH and Giordano MT (Eds.), *Cardiomyopathies: Causes, Effects and Treatment*. New York, USA. Nova Science Publishers.

Clinical Investigations:

Hoetzenecker K coordinated the Viennese Site (Dept. of Cardiothoracic Surgery – Prof. Seitelberger) of a clinical investigation “**Multi-center, double-blind, randomized, placebo-controlled, parallel-group study to assess the efficiency, safety and tolerability of tezosentan in patients with pre-operative pulmonary hypertension, due to left heart disease, undergoing cardiac surgery**” assigned by Actelion 2007-2008

Review activity:

American Journal of Transplantation since 2007