

# CURRICULUM VITAE

## PERSONAL DATA

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**Name:** Dr. Julia Wilflingseder  
**Date of birth:** 1<sup>st</sup> January 1982  
**Place of birth:** Ried i. I.  
**Marital status:** single  
**Nationality:** Austria  
**Address:** 1090 Vienna  
Währingergürtel 18-20  
**Telephone:** +43650 / 4675029  
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## EDUCATION

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**1988-1992** Primary School, Weibern  
**1992-1996** High school, specialisation in music, Haag a. H.  
**1996-2001** Commercial academy (HAK), Ried i. I.  
**2001-2005** University of Applied Science, Wels– Biotechnology and Environment  
Engineering  
**07/2005** Graduation in Biotechnology, Diploma Thesis: *Use of qRT-PCR to measure relative transcript levels in kernel mRNA following RNase H-mediated transcript reductions*  
**2006-2010** PhD program, Department of Biophysics, Johannes Kepler University Linz  
**03/2010** Graduation in Natural Sciences (Doctoral Programme), PhD Thesis: *Functional Genomics in Renal Transplantation and Chronic Kidney Disease*

## INTERNSHIPS

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- 2002 and 2003 summer VTA Weibern  
Microbiological analysis of activated sludge from sewage treatment plants, Microscopy and FISH
- July - December 2004  
Pioneer Hi-Bred Int'l Inc., Des Moines, Iowa, USA  
  
qRT-PCR and assay design, Genexpression profiling with microarrays, MPSS, Northern-Blot  
  
Diploma thesis: *Use of qRT-PCR to measure relative transcript levels in kernel mRNA following RNase H-mediated transcript reductions*

## JOB POSITION

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- October 2005 – April 2006  
SOLAN-Krafftutterwerk Schmalwieser GmbH, 4672 Bachmanning, OÖ  
Quality Manager, Quality Management System - ISO 9001
- since May 2006  
Science group of Prof. Oberbauer, KH der Elisabethinen, Linz and Medical University of Vienna  
PhD student and PostDoc

## OTHER WORK EXPERIENCE

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- October 2001 – July 2002  
Student representative at the University of Applied Science, Upper Austria,

## PATENT APPLICATION

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WO/2009/127644 MARKERS OF ACUTE KIDNEY FAILURE

Int. Application No. PCT/EP2009/054439

Int. Filing date: 15.04.2009

Inventors: R. Oberbauer, B. Mayer, P. Perco, J. Wilflingseder, A. Kainz,

## AWARDS

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July 2012

Talent award from the federal state government Upper Austria

November 2011

Sanofi-aventis Award from the Medical University of Vienna

October 2007

Roche Young Investigator Award for the best clinical work in the area of Transplantation

## PUBLICATIONS

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### Publications:

1<sup>st</sup> Author or Co- 1<sup>st</sup> Author:

1. **Wilflingseder J**, Regele H, Perco P, Kainz A, Soleiman A, Mühlbacher F, Mayer B, Oberbauer R. miRNA Profiling Discriminates Types of Rejection and Injury in Human Renal Allografts. *Transplantation* 2012, in submission (IF 3.568)
2. Amatschek S, **Wilflingseder J**, Pones M, Kainz A, Bodingbauer M, Mühlbacher F, Langer RM, Gerlei Z, Oberbauer R. The effect of steroid pretreatment of deceased organ donors on liver allograft function: a blinded randomized placebo controlled trial. *J Hepatol.* 2012; Jun;56(6):1305-9 (IF 9.334).
3. Kristo I, **Wilflingseder J**, Kainz A, Marschalek J, Wekerle T, Mühlbacher F, Oberbauer R, Bodingbauer M. Effect of intraportal infusion of tacrolimus on ischaemic reperfusion injury in orthotopic liver transplantation: a randomized controlled trial. *Transpl Int.* 2011; 24(9):912-219. (IF 3.211)
4. Kainz A, **Wilflingseder J**, Mitterbauer C, Haller M, Burghuber C, Perco P, Langer RM, Heinze G, Oberbauer R. Steroid Pretreatment of Organ Donors to Prevent Postischemic Renal Allograft Failure. A Randomized, Controlled Trial. *Ann Int Med* 2010; 153:222-230 (IF 16.729)
5. Korbély R, **Wilflingseder J**, Perco P, Kainz A, Langer RM, Mayer B, Oberbauer R. Molecular biomarker candidates of acute kidney injury in zero-hour renal transplant needle biopsies. *Transpl Int* 2011; 24(2):143-9 (IF 3.211)
6. **Wilflingseder J**, Kainz A, Mühlberger I, Perco P, Langer R, Kristo I, Mayer B, Oberbauer R. Impaired metabolism in donor kidney grafts after steroid pretreatment. *Transpl Int* 2010; 23:796-804 (IF 3.211)
7. **Wilflingseder J**, Kainz A, Perco P, Mayer B, Oberbauer R. Biocompatibility of Peritoneal Dialysis Solutions Determined by Genomics of Human Leukocytes: A Cross-over study. *Nephrol Dial Transplant plus* 2009, (Advance Access published September 19, 2009) letter to the editor
8. **Wilflingseder J**, Kainz A, Perco P, Korbely R, Mayer B, Oberbauer R. Molecular predictors for anaemia after kidney transplantation. *Nephrol Dial Transplant* 2009, 24:1015-1023 (IF 3.568)
9. **Wilflingseder J**, Perco P, Kainz A, Mayer B, Oberbauer R. Biocompatibility of Hemodialysis Membranes Determined by Differential Gene Expression Analysis of Human Leukocytes: A randomized Cross-over Study. *Eur J Clin Invest* 2008, 38: 918–924 (IF 2.784)

Co-Author:

10. Haller M, Amatschek S, **Wilflingseder J**, Kainz A, Bielesz B, Pavik I, Serra A, Mohebbi N, Biber J, Wagner CA, Oberbauer R. "Sirolimus Induced Phosphaturia is Not Caused by Inhibition of Renal Apical Sodium Phosphate Cotransporters." *PLoS One* 2012 7(7): e39229 (IF 4.411)

11. Kainz A, **Wilflingseder J**, Függer R, Kramar R, Oberbauer R. Hemoglobin variability after renal transplantation is associated with mortality. *Transplant Int* 2012; Mar;25(3):323-7 (IF 3.211).
12. Mühlberger I, **Wilflingseder J**, Bernthaler A, Fehete R, Lukas A, Perco P. Computational analysis workflows for Omics data interpretation. *Methods Mol Biol.* 2011;719:279-97. [book chapter](#)
13. Perco P, Kainz A, **Wilflingseder J**, Soleiman A, Mayer B, Oberbauer R. Histogenomics: Association of gene expression patterns with histological parameters in kidney biopsies. *Transplantation* 2009, 87:290-295 (IF 3.816)
14. Perco P, **Wilflingseder J**, Bernthaler A, Wiesinger M, Rudnicki M, Wimmer B, Mayer B, Oberbauer R. Biomarker candidates for cardiovascular disease and bone metabolism disorders in chronic kidney disease: A systems biology perspective. *J Cell Mol Med* 2008, 12:1177-1187 [review](#)

## PRESENTATIONS

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### Talks:

Austrotransplant St. Wolfgang Okt. 2007	A multicenter RCT of deceased organ donor pre-treatment with corticosteroids for the prevention of postischemic acute renal failure
ASN San Francisco Nov. 2007	A multicenter RCT of deceased organ donor pre-treatment with corticosteroids for the prevention of postischemic acute renal failure
TTS Sydney Aug. 2008	A multicenter RCT of deceased organ donor pre-treatment with corticosteroids for the prevention of postischemic acute renal failure
Austrotransplant Seefeld in Tirol Oct. 2009	Steroid donor pretreatment does not restore impaired metabolism in donor kidney allografts
Austrotransplant Seefeld in Tirol Oct. 2009	Molecular biomarker candidates of acute kidney injury in zero-hour renal transplant needle biopsies
ATC San Diego May 2010	miRNA Regulation of Delayed Graft Function in Zero-Hour Deceased Organ Donor Biopsies
TTS Vancouver Aug. 2010	miRNA Regulation of acute rejection in post-transplant kidney biopsies
Austrotransplant Villach Oct. 2010	MiRNA regulation of acute rejection and delayed graft function in post-transplant kidney biopsies
Austrotransplant Graz Oct. 2011	Unique miRNA Signature in Ischemic and Alloimmune Injury of the Renal Allograft
ASN Philadelphia Nov. 2011	Unique miRNA Signature in Ischemic and Alloimmune Injury of the Renal Allograft
TTS Berlin July 2012	miRNA Profiling Discriminates Types of Rejection and Injury in Human Renal Allografts

### Posters:

ASN San Francisco	A Systems Biology Approach To Identify Novel Biomarkers for
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Nov. 2007	Cardiovascular Disease and Bone Metabolism Disorders in Chronic Kidney Disease
ASN San Francisco Nov. 2007	Randomized Cross over Trial of PBMCs Genomics <i>In Vivo</i> Using Different Dialyzer Membranes
TTS Sydney Aug. 2008	Systems biology in donor kidneys of recipients with post-transplant anemia
Austrotransplant Zell am See Okt. 2008	Biocompatibility of Peritoneal Dialysis Solutions Determined by Genomics of Human Leukocytes: A Cross-over study
Austrotransplant Zell am See Okt. 2008	Systems biology in donor kidneys of recipients with post-transplant anemia
Austrotransplant Zell am See Okt. 2008	Biocompatibility of Hemodialysis Membranes Determined by Differential Gene Expression Analysis of Human Leukocytes: A randomized Cross-over Study
ASN Philadelphia Nov. 2008	Molecular predictors of anemia after kidney transplantation
ESOT Paris Aug. 2009	A multicenter RCT of deceased organ donor pre-treatment with corticosteroids: Risk factors for DGF in steroid pre-treated donors
WCN Vancouver April 2011	miRNA Regulation of acute rejection in post-transplant kidney biopsies
ATC Boston June 2012	Renal allograft rejection and delayed graft function regulated by miRNAs
ATC Boston June 2012	The Effect of Steroid Pretreatment of Deceased Organ Donors on Liver Allograft Function: A Blinded Randomized Placebo Controlled Trial

Vienna, August 2012

Dr. Julia Wilflingseder