

## ***Curriculum Vitae***

### **Andreas Tiran, MD**

#### ***Personal data***

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Name Dr. Andreas Tiran  
Date / Place of Birth: September 2<sup>nd</sup>, 1960, Graz, Austria  
Nationality: Austrian  
Marital status: married (two daughters)

#### ***Professional Experience***

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Since 2011 Managing Director of Vienna Biocenter Core Facilities GmbH  
(founded as Campus Science Support Facilities GmbH)  
Vienna Biocenter, Austria  
2004 – 2010 Director of the Center for Medical Research (ZMF), Medical  
University of Graz, Austria  
2001-2004 Department Head at the Clinical Institute of Medical and  
Chemical Laboratory Diagnostics, University of Graz, Austria  
1996-2001: Senior physician, deputy head, Department of Laboratory  
Medicine, University of Graz  
1994 - 1996 Postdoc at the Department of Clinical Immunology, University  
Hospital of Groningen, The Netherlands  
1990 - 1994 Fellow in Internal Medicine and Medical and Chemical  
Laboratory Diagnostics, Department of Internal Medicine,  
University of Graz  
1989 – 1990 Fellow in Medical and Chemical Laboratory Diagnostics,  
Institute for Medical Biochemistry, University of Graz

#### ***Academic Education***

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2001 European Clinical Chemist of the European Communities  
Confederation of Clinical Chemistry (EC4)  
2001 Associate Professor of Medical and Chemical Laboratory  
Diagnostics, University of Graz  
1995: Board certification Medical and Chemical Laboratory  
Diagnostics  
10/1988 Graduation from Medical School, University of Graz, Austria

## ***Leadership / Management Experience***

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11 years of experience in the top management of research institutions; excellent management and leadership skills; special experience and skills in strategy development, project management and implementation of quality management system in research environments;

Successful planning, implementation and operation of central research infrastructure and support services at ZMF (2004-2010) and CSF (since 2011) covering a wide range of different core facilities including molecular biology, light and electron microscopy, mass spectrometry, preclinical imaging and phenotyping, biostatistics and bioinformatics, protein technologies, plant phenotyping, ...

Management of animal facilities, institutionalized biobank services and bioresource centers

Experience in the management of large research project consortia (e.g. scientific director of K-project BIOPERSMED 2010-2011)

## ***Main research interests***

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Biomarker research, investigation of humoral and cellular immune response with recombinant proteins

Role of infectious agents (Cytomegalovirus, *Chlamydia pneumoniae*) in atherogenesis

Cell biology of *chlamydia pneumoniae* infection, role of cellular transcription

## ***Awarded research grants***

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1994-1995: FWF (J0918-MED): Recombinant Cytomegalovirus Antigens and Host Immune Response

1995-1996: FWF (J01105-MED): Human Cytomegalovirus Infection and Host Immune Response in Coronary Restenosis

1997-1999: ÖNB: (6375): *Chlamydia pneumoniae*-Infektion und Atherosklerose

1999-2001: FWF (P13401-MED): Influence of infection with *Chlamydia pneumoniae* on structure, function and interaction of vascular cells and its relation to atherogenesis

2001-2002: ÖNB: (9040): *Chlamydia pneumoniae* infection, atherosclerosis and interaction with LDL metabolism

## **List of published papers**

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EC Reisinger, F Allerberger, A Tiran, MP Dierich

Antimikrobieller Effekt des HIV-Therapeutikums Diethyldithiocarbamat (ImuthiolR)

Mitt Österr Ges Tropenmed Parasitol 1990, 12: 285-290

B Eber, P Schnider, A Tiran, M Marak, M Samitz, W Domej, F Aglas

Differential diagnostic considerations in eosinophilia with reference to a 19-year-old patient with Löffler endocarditis

Acta Med Austriaca 1992, 19:35-39 (IF 0,158)

B Tiran, A Tiran, W Petek, E Rossipal, O Wawschinek

Selenium status of healthy children and adults in Styria (Austria) - Investigation of a possible undersupply in the styrian population

Trace Elem Med 1992,9:75-79 (IF 0,653)

M Schumacher, B Eber, A Tiran, H Toplak, O Luha, R Gasser, W Klein

Fibrinogen values in patients with and without restenosis following percutaneous transluminal coronary angioplasty

Cardiology 1992, 80:345-348 (IF 0,678)

MM Wilders-Truschnig, G Leb, H Warnkroß, W Langsteger, O Eber, P Dimal, HP Brezinschek, R Brezinschek, A Tiran, MT den Hartog, JJM de Vijlder, GJ Krejs, HA Drexhage

Involvement of the immune system in iodine deficient goiter

Thyroidology 1992, 4:53-55

B Tiran, A Tiran, E Rossipal, O Lorenz

Simple decomposition procedure for determination of selenium in whole blood, serum and urine by hydride generation atomic absorption spectroscopy.

J Trace Elem Electrolytes Health Dis 1993, 7:211-216 (IF 1,032)

MM Wilders-Truschnig, H Warnkroß, G Leb, W Langsteger, O Eber, A Tiran, H Dobnig, A Passath, HA Drexhage

The effect of treatment with levothyroxine or iodine on thyroid size and thyroid growth stimulating immunoglobulins in endemic goiter patients

Clin Endocrinol Oxf 1993, 39:281-286 (IF 2,992)

G Halwachs, R Zach, H Poggitsch, H Holzer, A Tiran, F Iberer, A Wasler, HP Tscheliessnigg, G Lanzer, B Fölsch, MM Wilders-Truschnig.

A rapid immunocytochemical assay for CMV detection in peripheral blood of organ transplanted patients in clinical practice

Transplantation 1993, 56:338-342 (IF 4,035)

B Tiran, O Lorenz, A Tiran, W Buchinger, O Eber

Comparison of direct versus indirect determination of zinc concentration in erythrocytes in euthyroid and hyperthyroid subjects

Eur J Clin Chem Clin Biochem 1993, 31:239-244 (IF 1,744)

H Stöger, MM Wilders-Truschnig, H Samonigg, M Schmid, T Bauernhofer, A Tiran, M Tas, HA Drexhage

The presence of immunosuppressive "p15E-like" factors in the serum and urine of patients suffering from malign and benign breast tumours

Clin Exp Immunol 1993, 93: 437-441 (IF 2,544)

A Tiran, B Tiran, S Hojas, GM Kostner, MM Wilders-Truschnig

Immunoquantification of Lp(a): Comparison of Nephelometry with Electroimmunodiffusion.

J Clin Lab Anal 1993, 7:256-262 (IF 0,991)

B Tiran, E Karpf, A Tiran, S Lax, O Eber, O Lorenz

Untersuchungen zum Jodgehalt von Schilddrüsengewebe in der steirischen Bevölkerung.

Acta Med Austriaca 1993, 20:6-8 (IF 0,158)

A Tiran, G Halwachs, M Danda, H Rosegger, M Wilders-Truschnig

Problems in diagnosis of perinatal cytomegalovirus disease: Two case reports.

Il Friuli Medico 1993, XLVIII:191-195

G Halwachs, A Zach, H Poggitsch, A Tiran, F Iberer, A Wasler, KH Tscheliessnigg, M Wilders-Truschnig

Clinical experience with rapid immunohistochemical assay for CMV detection on peripheral polymorphonuclear cells in organ transplanted patients with and without CMV hyperimmunoglobulinophylaxis.

Il Friuli Medico 1993, XLVIII: 281-286

B Tiran, E Rossipal, A Tiran, O Lorenz

Selenium and iodine supply of newborns in Styria, Austria, fed with human milk and milk formulas.

Trace Elem Med 1993, 10:104-107 (IF 0,653)

B Tiran, E Rossipal, A Tiran, E Karpf, O Lorenz

Burden of cadmium and lead content in human milk and milk formulas in Styria, Austria - a moderate industrialized area.

Trace Elem Med 1994, 11:42-45 (IF 0,653)

A Tiran, T Pieber, B Tiran, G Halwachs-Baumann, H Dobnig, H Grubelnig, MM Wilders-Truschnig

Automated determination of glycated hemoglobin: Comparative evaluation of 5 assay systems.

J Clin Lab Anal 1994, 8:128-134 (IF 0,991)

A Tiran, T Pieber, B Tiran, G Halwachs-Baumann, H Dobnig, H Grubelnig, MM Wilders-Truschnig

Sofort verfügbare HbA1c-Werte: Evaluation eines neuen Analysengerätes für die Praxis.

Dtsch Med Wochenschr 1994, 119:833-836 (IF 0,788)

G Halwachs, A Tiran, EC Reisinger, R Zach, K Sabin, B Fölsch, H Lanzer, H Holzer, M Wilders-Truschnig

Serum levels of the soluble receptor for tumor necrosis factor in patients with renal disease

Clin Investig 1994, 72: 473-476 (IF 3,445)

B Tiran, E Karpf, A Tiran, O Lorenz

Age dependency of selenium and cadmium content in human liver, kidney, and thyroid.

Arch Environ Health 1995, 50:242-246 (IF 1,613)

P Sedlmayr, A Blaschitz, M Wilders-Truschnig, A Tiran, G Dohr

Platelets contain interleukin-1 alpha and beta which are detectable on the cell surface after activation.

Scand J Immunol 1995, 42:209-214 (IF 1,777)

G Halwachs, F Iberer, T Pieber, H Müller, KH Tscheliessnigg, A Tiran, K Sabin, M Wilders-Truschnig

Troponin T as a marker for posttransplantation adaptational problems of the donor heart.

J Heart Lung Transplant 1996, 15:451-455 (IF 2,526)

DF Westra, KL Glazenburg, MC Harmsen, A Tiran, AJ Scheffer, GW Welling,

TH The, S Welling-Wester

Glycoprotein H of Herpes simplex virus type 1 requires glycoprotein L for transport to the cell surface of insect cells.

J Virol 1997, 71(3): 2285-91 (IF 5,930)

MC Harmsen, P Heeringa, YM van der Geld, MG Huitema, A Klimp, A Tiran, CGM Kallenberg

Recombinant proteinase-3 (Wegener's antigen) expressed in Pichia pastoris is functionally active and is recognised by patient sera.

Clin Exp Immunol 1997, 110(2): 257-64 (IF 2,544)

A Tiran, R Tio, E Oostenveld, MC Harmsen, B Tiran, P den Heijer, SHJ Monnick, MM Wilders-Truschnig, TH The

Prior cytomegalovirus infection does not predict clinical outcome after percutaneous transluminal coronary angioplasty (PTCA)

Cardiology 1998, 90:263-8 (IF 0,678)

A Tiran, RA. Tio, E Oostenveld, MC Harmsen, B Tiran, P den Heijer, SHJ Monnick, MM Wilders-Truschnig, TH The.

Humoral Immune Response to Human Cytomegalovirus in Patients Undergoing Percutaneous Transluminal Coronary Angioplasty.

Clin Diagn Lab Immunol 1999, 6(1):45-9 (IF 1,796)

H Samonigg, M Wilders-Truschnig, H Stöger, H Loibner, R Plot, A Rot, I Kuss, G Werner, A Tiran, M Wrann, D Herlyn, H Koprowsky

A double-blind randomized phase II trial comparing immunization with anti-idiotypic goat antibody vaccine SCV 106 versus unspecific goat antibodies in patients with metastatic colorectal cancer.

J Immunotherapy 1999, 22(6):481-488 (IF 3,027)

A Tiran, RA Tio, JM Ossewaarde, B Tiran, P den HEijer, TH THE, MM Wilders-Truschnig  
Coronary Angioplasty Induces Rise in Chlamydia pneumoniae-Specific Antibodies”  
J Clin Microbiol 1999, 37(4):1013-17 (IF 3,503)

JM Roob, G Khoschsorur, A Tiran, JH Horina, H Holzer, BM Winklhofer-Roob  
Vitamin E attenuates oxidative stress induced by intravenous  
iron in patients on hemodialysis.  
J Am Soc Nephrol 2000, 11:539-549 (IF 5,745)

B Caramelli, D Ikeoka, B Tiran, A Tiran  
Infection and Inflammation on the genesis of coronary artery disease  
Rev Soc Cardiol Estado de Sao Paulo 2000, 2:170-175

S Appel, U Köller, M Krieg, D Neumeier, H Rodt, W Stein, A Tiran, W Vogt  
Art, Umfang und Inhalt der laborärztlichen Leistung  
J Lab Med 2000, 24(9):424-427

W Vogt, S Appel, R Asper, O Henker, U Köller, D Neumeier, H Rodt, W Stein, A Tiran  
Mit Kennzahlen führen – Controlling by financial and non-financial measures  
J Lab Med 2002, 26:245-253

A Tiran, S Appel, R Asper, O Henker, U Köller, D Neumeier, H Rodt, W Stein, W Vogt  
Controlling im Medizinischen Labor  
J Lab Med 2002, 26:254-260

O Stanger, B Tiran, HJ Semmelrock, A Braumueller, A Meinitzer, B Rigler, A Tiran  
Hyperhomocyst(e)inemia Is Associated with Chlamydia pneumoniae IgG Seropositivity in Patients with  
Coronary Artery Disease  
Atherosclerosis 2002, 162:157-162 (IF 3,386)

A Tiran, H-J Gruber, WF Graier, AH Wagner, M Wilders-Truschnig, B Tiran  
Aspirin inhibits *Chlamydia pneumoniae*-induced NF- $\kappa$ B Activation, Cytokine Expression and Bacterial  
Development in Human Endothelial Cells  
Arterioscler Thromb Vasc Biol 2002,22:1075-1080 (IF 5,111)

HW Auner, C Tinchon, RI Brezinschek, M Eibl, S Sormann, W Linkesch, R Schmon-Kampel, C  
Maizen, F Quehenberger, A Tiran, H Sill  
Monitoring of cardiac function by serum cardiac troponin T levels, ventricular repolarisation indices,  
and echocardiography after conditioning with fractionated total body irradiation and high-dose  
cyclophosphamide.  
Eur J Haematol 2002, 69:1-6 (IF 1,670)

Tiran A, Tiesenhausen K, Karpf E, Orfila J, Koch G, Tsybrovskyy O, Tiran B  
Association of seropositivity to chlamydial lipopolysaccharide with the endovascular presence of *C. pneumoniae* in carotid artery disease. *Atherosclerosis*, in *Atherosclerosis* 2004; 173(1): 47-54 (IF 3,3)

HW Auner, C Tinchon, W Linkesch, A Tiran, F Quehenberger, H Link, H Sill  
Prolonged monitoring of troponin T for the detection of anthracycline cardiotoxicity in adults with hematological malignancies  
*Ann Haematol* 2003, 82:218-222

S Kern, M Hubmann, H.-J. Semmelrock, A Tiran  
Ein Modell zur Lieferantenbewertung im Medizinischen Laboratorium  
*J Lab Med* in press

W März, H Scharnagl, K Winkler, A Tiran, M Nauck, BO Boehm, BR Winkelmann  
Low density lipoprotein triglycerides associated with low grade systemic inflammation, adhesion molecules and angiographic coronary disease (The Ludwigshafen Risk and Cardiovascular Health Study), *Circulation*. 2004; 110(19):3068-3074

A Tiran, M Hubmann, C Schweiger  
Qualitätssichernde Maßnahmen im Rahmen des Point-of-Care-Testing (POCT)  
*J Lab Med* 2004, 28(3):251-255

Dobnig, H; Piswanger-Sölkner, JC; Roth, M; Obermayer-Pietsch, B; Tiran, A; Strele, A; Maier, E; Maritschnegg, P; Sieberer, C; Fahrleitner-Pammer, A  
Type 2 diabetes mellitus in nursing home patients: effects on bone turnover, bone mass, and fracture risk.  
*J Clin Endocrinol Metab*. 2006; 91(9):3355-3363

Dobnig, H; Piswanger-Sölkner, JC; Obermayer-Pietsch, B; Tiran, A; Strele, A; Maier, E; Maritschnegg, P; Riedmüller, G; Brueck, C; Fahrleitner-Pammer, A  
Hip and nonvertebral fracture prediction in nursing home patients: role of bone ultrasound and bone marker measurements.  
*J Clin Endocrinol Metab*. 2007; 92(5): 1678-1686.

Ikeoka, DT; Vieira, CZ; Lemos, PA; Strabelli, TV; da Silva, EER; Perin, MA; Groselj-Strele, A; Tiran, B; Tiran, A; Caramelli, B  
Azithromycin does not prevent six-month myointimal proliferation but attenuates the transient systemic inflammation occurring after coronary stenting.  
*CLIN RES CARDIOL*. 2009; 98(1): 44-51