

CURRICULUM VITAE

MIKLOS Z. MOLNAR M.D., Ph.D., FASN

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Education: Graduate Training

1991-1995 June 7, 1995	High School, Budapest High School Diploma
09/1995-08/2001 September 8, 2001	Medicine, Semmelweis University of Medicine, School of Medicine, Budapest, Hungary M.D. degree School of Medicine, Semmelweis University of Medicine, Budapest, Hungary
2002-2005 July 11, 2005	Postgraduate PhD education, Faculty of General Medicine, Semmelweis University of Medicine, Budapest, Hungary Ph.D. degree in Clinical Medicine, Semmelweis University, Budapest, Hungary; Thesis: "The effect of sleep disorders and anemia on quality of life in patients with chronic kidney failure"

Post-Graduate Training

09/2001-12/2006 December 20, 2006	Residency (in Internal Medicine), Semmelweis University, 1st Department of Internal Medicine, Budapest, Hungary Internal Medicine Board exam
01/2007-04/2010 April 15, 2010	Nephrology Fellowship, Semmelweis University, Department of Transplantation and Surgery/1 st Department of Internal Medicine, Budapest, Hungary Nephrology Board exam
July 1, 2010-June 30, 2012	Post-Doctoral Research Fellow, Harold Simmons Center for Chronic Disease Research & Epidemiology, Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center, Torrance, CA, USA

July 1, 2012-June 30, 2014 Advanced Clinical Fellowship in Nephrology and Kidney Transplantation (including 6 months transplant nephrology fellowship of the American Society of Transplantation)
 Dept. of Medicine, Division of Nephrology,
 University Health Network, University of Toronto,
 Toronto, Ontario, Canada

Positions:

1996-1997	Moonlighting as a nurse (while a medical student); Szent Istvan Hospital, Budapest, Hungary
2000-2004	Moonlighting as an emergency dispatch physician (while an internal medicine resident) at the Hungarian National Emergency and Ambulance Service, Hungary
09/2001-12/2006	Resident in training (internal medicine); Semmelweis University of Medicine, Budapest, Hungary, 1st Department of Internal Medicine, Budapest, Hungary
2002-2005	Graduate Student Assistant as Ph.D. student, Semmelweis University, Budapest, Hungary
09/2003-01/2004	Visiting Post-Doctoral Fellow; Humber River Regional Hospital, Toronto, Ontario, Canada
04/2004-12/2008	Moonlighting as Dialysis Physician at the Fresenius MC, Semmelweis University, 1 st Department of Internal Medicine, Budapest, Hungary
01/2007-01/2009	Nephrology Fellow at Semmelweis University; 1 st Department of Internal Medicine, Budapest, Hungary
02/2009-04/2010	Transplantation Fellow at Semmelweis University; Department of Transplantation and Surgery (Address: Baross street 23, Budapest, H-1082, Hungary, performing approximately 160 kidney transplantations a year) <i>In charge of living kidney transplant program</i> <i>Member of kidney transplant selection committee</i>
05/2010-06/2010	Transplant Nephrologist, Transplant Center of Semmelweis University; Department of Transplantation and Surgery (Address: Baross street 23, Budapest, H-1082, Hungary, performing approximately 160 kidney transplantations a year) <i>In charge of living kidney transplant program</i> <i>Member of kidney transplant selection committee</i>
07/2010-06/15/2013	Junior Assistant Professor of Medicine Institute of Pathophysiology,

Semmelweis University,
Budapest, Hungary

07/01/2010-06/30/2014 Research Associate and Post-Doctoral Fellow in Nephrology and Kidney Transplantation, Harold Simmons Center for Chronic Disease Research & Epidemiology, Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center

07/01/2012-06/30/2014 Clinical Fellow in Clinical Nephrology and Kidney Transplantation, Dept. of Medicine, Division of Nephrology, University Health Network, University of Toronto, Toronto, Ontario, Canada

**07/01/2014- Associate Professor of Medicine
Division of Nephrology, Department of Medicine,
University of Tennessee Health Science Center,
Memphis, TN, USA**

Mentoring: PhD mentees:

Past:

1, Anett Lindner (2007-2012), Semmelweis University, PhD diploma data: Clinical medicine, 10/27/2012, No: 1737/2012, "cum laude"

Current:

2, Akos Ujszaszi (2010-), Semmelweis University

ACTIVE RESEARCH SUPPORT IN UNITED STATES OF AMERICA

R21 AG047036 **Molnar MZ & Kalantar-Zadeh K** (*multiple PI*) 09/30/2013-06/30/2015
NIH/NIA/NINR \$424,250 3 CM

Comparative Effectiveness of Home Hemodialysis and Kidney Transplantation in the Elderly

The goals of this pilot award are to compare contemporary dialysis treatments (home and nocturnal hemodialysis) vs. deceased donor transplantation on the survival of transplant wait-listed elderly.

Non-US Grants, Scholarships, Awards:

09/2001	Scholarship of the Hungarian Kidney Foundation
11/2001	"Excellent Student Researcher of Semmelweis University" grant
06/2002	Congress grant: 16 th Congress of the European Sleep Research Society
04/2003	International RLS Study Group Travel Award
2003-2005	Research Council of the Ministry of Health, Hungary (218/2003) (Sleep, mood disorders and quality of life in patients after kidney transplantation)
2003	EKRA-ERA fellow grant: The 10 th Anniversary Course of the Budapest Nephrology School

2005	Research Foundation, Hungarian Society of Nephrologists (500.000 HUF)
2006	Best publication of the year; Hungarian Society of Nephrologists
2006	New Investigators Scholarship; 13 th Annual Conference of the International Society for Quality of Life Research
2007	Recipient of the Hungarian Eotvos Scholarship
2007	44 th Congress of ERA-EDTA in Barcelona: Travel Grant (Best abstracts presented by young authors).
2007-2010	Research Council of Hungarian Scientific Research Fund, Hungary (OTKA F68841) (Role of malnutrition-inflammation complex syndrome in pathophysiology after kidney transplantation)
2007	“Taraba István” Award of the Hungarian Kidney Foundation
2008-2011	Hungarian Academy of Sciences “Bolyai János” Research Award
2008	Best publication of the year; Hungarian Society of Nephrologists
2008	Honourable mention of the chief of the Hungarian Academy of Sciences Department of Medicine
2008	Research Foundation, Hungarian Society of Hypertension
2009	World Congress of Nephrology 2009 in Milan: Travel Grant (Best abstracts presented by young authors).
2009	Unregistred grant from TEVA: Mucsi I, Czira M, Kosa J, Molnar M: Supplementation of vitamin D and cardiovascular risk in kidney transplanted patients (700.000 HUF)
2009	Research Foundation, Hungarian Society of Nephrologists (500.000 HUF)
2010	Recipient of the Hungarian Eotvos Scholarship
2010	Scholarship of the Hungarian Kidney Foundation
2010-2012	Research Council of Hungarian Scientific Research Fund, Hungary (HUMAN MB08-A 81231) (Nutrition and quality of life in end stage renal disease minorities)
2012	Recipient of the Hungarian Eotvos Scholarship
2012	Bolyai Plaque, Hungarian Academy of Sciences

Educational trainings:

11/2000	TUDOR Evidence Based Health Care “Train the trainers” training
03/2001	Clinical Epidemiology training
06/2003	World Congress of Nephrology Training Course 2003
08/2003	Budapest Nephrology Summer School
10/2004	10 th Dialysis Academy, Heidelberg, Germany
04/2005	Nephrology Course, CME, Boston, USA
10/2005	Introductory Course of Epidemiology, Würzburg, Germany
05/2006	15 th International Vicenza Course on Peritoneal Dialysis, Vicenza, Italy

Areas of Expertise:

Transplant Nephrology
 General nephrology
 Kidney Transplant outcomes
 Inflammation and Malnutrition in patients with ESRD and
 Kidney transplantation

Anemia in kidney transplant recipients
 "Psychonephrology" research
 Sleep Medicine research in Kidney transplant recipients
 Quality of life research

Membership in Professional Organizations:

2002 - Hungarian Society of Nephrology
 2007 - Hungarian Society of Hypertension
 2007 - Hungarian Society of Transplantation
 2009 - European Society for Organ Transplantation
 2011- European Renal Association-European Dialysis and Transplant Association
 2012 - American Society of Nephrology (2014- Fellow of the American Society of Nephrology)

Leadership and Executive Membership in Professional Organizations:

2013- Chair of Young Nephrologists' Platform's Board, European Renal Association-European Dialysis and Transplant Association
 2012- Young Nephrologists' Platform, European Renal Association-European Dialysis and Transplant Association

Leadership and Executive Membership in Course or Congress

President - 1st Course of Young Nephrologists' Platform of ERA-EDTA, titled: "Landmark Studies in Kidney Transplantation", Budapest, Hungary, August 24th - 25th, 2014

Teaching Activity:

2000-2001: medical students at Institute of Behavioral Sciences, Semmelweis University of Medicine, Budapest, Hungary
 2001-2009: medical student and residents at 1st Department of Internal Medicine, Semmelweis University, Budapest, Hungary
 2009-2010: nephrology fellows at Department of Transplantation and Surgery, Semmelweis University, Budapest, Hungary

Member of Editorial Board

1. Frontiers in Medicine (05/2014-)
2. Nephrology Dialysis Transplantation (06/2013-)
3. Journal of Renal Nutrition (07/2013-)
4. International Urology and Nephrology (11/2011-)
5. ISRN Nephrology (04/2012-)
6. (World Journal of Nephrology)
7. (World Journal of Clinical Urology)

Ad hoc- peer reviewer activity:

1. Journal of the American Medical Association (JAMA)
2. American Journal of Transplantation
3. Clinical Journal of the American Society of Nephrology
4. American Journal of Kidney Disease
5. Nephrology Dialysis Transplantation
6. Nature Reviews Nephrology
7. International Urology and Nephrology
8. Journal of Renal Nutrition
9. PLOS ONE
10. American Journal of Nephrology
11. Journal of Psychosomatic Research
12. Journal of Circadian Rhythms
13. Hemodialysis International
14. Clinical Neurophysiology
15. Annals of Transplantation
16. BMC Nephrology
17. International Journal of Nephrology
18. Journal of Cachexia, Sarcopenia and Muscle
19. Kidney International
20. Nutrition Research
21. Journal of the Neurological Sciences
22. Transplantation
23. British Journal of Nutrition
24. Clinical Kidney Journal
25. ISRN Nephrology
26. Renal Failure
27. Peritoneal Dialysis International

Opponent in PhD thesis:

2009- Peter Torzsa, MD – Semmelweis University
 2010- Szilveszter Dolgos, MD – Semmelweis University
 2010- Tímea Gombos, MD – Semmelweis University

Other Activities:

1997-2000	technician; MH Budai Veterian Hospital, Centre of Sleep Research
12/1998	organizer; First Congress of Hungarian Sleep Society
05/2000	member of the Psychonephrology Research Group; Semmelweis University, Institute of Behavioral Sciences
09/2001	Affiliated researcher, Psychonefrology Study Group, Institute of Behavioral Sciences, Semmelweis University.

PUBLICATIONS

Impact factor: 515.967

Citation number: 1934

Number of per-reviewed publications: 129

First or last authorship: 60

Hirsch-index: 27 (Google Scholar)

***these authors contributed equally to manuscript**

ORIGINAL RESEARCH PAPERS (PEER REVIEWED):

A. Original Research Papers - Peer-Reviewed (Published, Medline cited):

1. Kovesdy CP, Lu JL, Molnar MZ, Ma JZ, Canada RB, Streja E, Kalantar-Zadeh K and Bleyer AJ. Observational Modeling of Strict vs Conventional Blood Pressure Control in Patients With Chronic Kidney Disease. JAMA Intern Med. 2014;174:1442-9. IF: 13.246
2. Dukkupati R*, Molnar MZ*, Park J, Jing J, Kovesdy CP, Kajani R and Kalantar-Zadeh K. Association of vascular access type with inflammatory marker levels in maintenance hemodialysis patients. Semin Dial. 2014;27:415-23. IF: 2.070
3. Streja E*, Lau WL*, Goldstein L, Sim JJ, Molnar MZ, Nissenson AR, Kovesdy CP and Kalantar-Zadeh K. Hyperphosphatemia is a combined function of high serum PTH and high dietary protein intake in dialysis patients. Kidney Int Suppl (2011). 2013;3:462-468. IF: 0.606
4. Molnar MZ*, Kumpers P*, Kielstein JT, Schiffer M, Czira ME, Ujszaszi A, Kovesdy CP and Mucsi I. Circulating Angiopoietin-2 levels predict mortality in kidney transplant recipients: a 4-year prospective case-cohort study. Transpl Int. 2014;27:541-52. IF: 3.120
5. Mucsi I, Ujszaszi A, Czira ME, Novak M and Molnar MZ. Red cell distribution width is associated with mortality in kidney transplant recipients. Int Urol Nephrol. 2014;46:641-51. IF: 1.293
6. Shapiro BB, Streja E, Rhee CM, Molnar MZ, Kheifets L, Kovesdy CP, Kopple JD and Kalantar-Zadeh K. Revisiting the association between altitude and mortality in dialysis patients. Hemodial Int. 2014;18:374-83. IF: 1.363
7. Veber O, Lendvai Z, Ronai KZ, Dunai A, Zoller R, Lindner AV, Turanyi CZ, Szocs JL, Keresztes K, Tabak AG, Novak M, Molnar MZ and Mucsi I. Obstructive sleep apnea and heart rate variability in male patients with metabolic syndrome: cross-sectional study. Metab Syndr Relat Disord. 2014;12:117-24. IF: 1.916
8. Streja E*, Wang HY*, Lau WL, Molnar MZ, Kovesdy CP, Kalantar-Zadeh K and Park J. Mortality of combined serum phosphorus and parathyroid hormone concentrations and their changes over time in hemodialysis patients. Bone. 2014;61C:201-207. IF: 4.461

9. Molnar MZ, Kalantar-Zadeh K, Lott EH, Lu JL, Malakauskas SM, Ma JZ, Quarles DL and Kovesdy CP. Angiotensin-converting enzyme inhibitor, Angiotensin receptor blocker use, and mortality in patients with chronic kidney disease. *J Am Coll Cardiol*. 2014;63:650-8. IF: 15.343
10. Molnar MZ, Foster CE, 3rd, Sim JJ, Remport A, Krishnan M, Kovesdy CP and Kalantar-Zadeh K. Association of pre-transplant blood pressure with post-transplant outcomes. *Clin Transplant*. 2014;28:166-76. IF: 1.486
11. Park J, Ahmadi SF, Streja E, Molnar MZ, Flegal KM, Gillen D, Kovesdy CP and Kalantar-Zadeh K. Obesity Paradox in End-Stage Kidney Disease Patients. *Prog Cardiovasc Dis*. 2014;56:415-425. IF: 2.443
12. Rattanasompattikul M*, Molnar MZ*, Lee ML, Dukkhipati R, Bross R, Jing J, Kim Y, Voss AC, Benner D, Feroze U, Macdougall IC, Tayek JA, Norris KC, Kopple JD, Unruh M, Kovesdy CP and Kalantar-Zadeh K. Anti-Inflammatory and Anti-Oxidative Nutrition in Hypoalbuminemic Dialysis Patients (AIONID) study: results of the pilot-feasibility, double-blind, randomized, placebo-controlled trial. *Journal of cachexia, sarcopenia and muscle*. 2013;4:247-57. IF: 7.413
13. Lertdumrongluk P, Rhee CM, Park J, Lau WL, Moradi H, Jing J, Molnar MZ, Brunelli SM, Nissenson AR, Kovesdy CP and Kalantar-Zadeh K. Association of serum phosphorus concentration with mortality in elderly and nonelderly hemodialysis patients. *J Ren Nutr*. 2013;23:411-21. IF: 2.548
14. Hatamizadeh P, Ravel V, Lukowsky LR, Molnar MZ, Moradi H, Harley K, Pahl M, Kovesdy CP, Kalantar-Zadeh K. Iron indices and survival in maintenance hemodialysis patients with and without polycystic kidney disease. *Nephrol Dial Transplant*. 2013;28:2889-2898. IF: 3.488
15. Harley KT, Streja E, Rhee CM, Molnar MZ, Kovesdy CP, Amin AN, Kalantar-Zadeh K. Nephrologist caseload and hemodialysis patient survival in an urban cohort. *J Am Soc Nephrol*. 2013;24:1678-1687. IF: 9.466
16. Kovesdy CP, Bleyer AJ, Molnar MZ, Ma JZ, Sim JJ, Cushman WC, Quarles LD, Kalantar-Zadeh K. Blood pressure and mortality in u.S. Veterans with chronic kidney disease: A cohort study. *Annals of internal medicine*. 2013;159:233-242. IF: 16.104
17. Park J, Mehrotra R, Rhee CM, Molnar MZ, Lukowsky LR, Patel SS, Nissenson AR, Kopple JD, Kovesdy CP, Kalantar-Zadeh K. Serum creatinine level, a surrogate of muscle mass, predicts mortality in peritoneal dialysis patients. *Nephrol Dial Transplant*. 2013;28:2146-2155. IF: 3.488
18. Kim Y*, Park JC*, Molnar MZ, Shah A, Benner D, Kovesdy CP, Kopple JD, Kalantar-Zadeh K. Correlates of low hemoglobin a1c in maintenance hemodialysis patients. *International urology and nephrology*. 2013;45:1079-1090. IF: 1.293
19. Kovesdy CP, Quarles LD, Lott EH, Lu JL, Ma JZ, Molnar MZ, Kalantar-Zadeh K. Survival advantage in black versus white men with ckd: Effect of estimated gfr and case mix. *Am J Kidney Dis*. 2013;62:228-235. IF: 5.756

20. Rattanasompattikul M*, Molnar MZ*, Zaritsky JJ, Hatamizadeh P, Jing J, Norris KC, Kovesdy CP, Kalantar-Zadeh K. Association of malnutrition-inflammation complex and responsiveness to erythropoiesis-stimulating agents in long-term hemodialysis patients. *Nephrol Dial Transplant*. 2013;28:1936-1945. IF: 3.488
21. Ravel VA, Molnar MZ, Streja E, Kim JC, Victoroff A, Jing J, Benner D, Norris KC, Kovesdy CP, Kopple JD, Kalantar-Zadeh K. Low protein nitrogen appearance as a surrogate of low dietary protein intake is associated with higher all-cause mortality in maintenance hemodialysis patients. *The Journal of nutrition*. 2013;143:1084-1092. IF: 4.227
22. Li J*, Molnar MZ*, Zaritsky JJ, Sim JJ, Streja E, Kovesdy CP, Salusky I, Kalantar-Zadeh K. Correlates of parathyroid hormone concentration in hemodialysis patients. *Nephrol Dial Transplant*. 2013;28:1516-1525. IF: 3.488
23. Hatamizadeh P, Molnar MZ, Streja E, Lertdumrongluk P, Krishnan M, Kovesdy CP, Kalantar-Zadeh K. Recipient-related predictors of kidney transplantation outcomes in the elderly. *Clinical transplantation*. 2013;27:436-443. IF: 1.486
24. Ujszaszi A, Molnar MZ, Czira ME, Novak M, Mucsi I. Renal function is independently associated with red cell distribution width in kidney transplant recipients: A potential new auxiliary parameter for the clinical evaluation of patients with chronic kidney disease. *British journal of haematology*. 2013;161:715-725. IF: 4.959
25. Park J, Jin DC, Molnar MZ, Dukkipati R, Kim YL, Jing J, Levin NW, Nissenson AR, Lee JS, Kalantar-Zadeh K. Mortality predictability of body size and muscle mass surrogates in asian vs white and african american hemodialysis patients. *Mayo Clinic proceedings*. 2013;88:479-486. IF: 5.812
26. Hoshino J, Mehrotra R, Rhee CM, Yamagata K, Ubara Y, Takaichi K, Kovesdy CP, Molnar MZ, Kalantar-Zadeh K. Using hemoglobin a1c to derive mean blood glucose in peritoneal dialysis patients. *American journal of nephrology*. 2013;37:413-420. IF: 2.646
27. Kovesdy CP, Lott EH, Lu JL, Malakauskas SM, Ma JZ, Molnar MZ, Kalantar-Zadeh K. Outcomes associated with microalbuminuria: Effect modification by chronic kidney disease. *Journal of the American College of Cardiology*. 2013;61:1626-1633. IF: 15.343
28. Zeb I, Ahmadi N, Molnar MZ, Li D, Shantouf R, Hatamizadeh P, Choi T, Kalantar-Zadeh K, Budoff MJ. Association of coronary artery calcium score and vascular dysfunction in long-term hemodialysis patients. *Hemodialysis international*. International Symposium on Home Hemodialysis. 2013;17:216-222 IF: 1.363
29. Hoshino J, Molnar MZ, Yamagata K, Ubara Y, Takaichi K, Kovesdy CP, Kalantar-Zadeh K. Developing an hba1c-based equation to estimate blood glucose in maintenance hemodialysis patients. *Diabetes care*. 2013;36:922-927. IF: 8.570
30. Alam A, Molnar MZ, Czira ME, Rudas A, Ujszaszi A, Kalantar-Zadeh K, Rosivall L, Mucsi I. Serum adiponectin levels and mortality after kidney transplantation. *Clin J Am Soc Nephrol*. 2013;8:460-467. IF: 5.250

31. Vashistha T, Kalantar-Zadeh K, Molnar MZ, Torlen K, Mehrotra R. Dialysis modality and correction of uremic metabolic acidosis: Relationship with all-cause and cause-specific mortality. *Clin J Am Soc Nephrol*. 2013;8:254-264. IF: 5.250
32. Molnar MZ, Kovesdy CP, Bunnapradist S, Streja E, Krishnan M, Mucsi I, Norris KC, Kalantar-Zadeh K. Donor race and outcomes in kidney transplant recipients. *Clinical transplantation*. 2013;27:37-51. IF: 1.486
33. Kim Y, Molnar MZ, Rattanasompattikul M, Hatamizadeh P, Benner D, Kopple JD, Kovesdy CP, Kalantar-Zadeh K. Relative contributions of inflammation and inadequate protein intake to hypoalbuminemia in patients on maintenance hemodialysis. *International urology and nephrology*. 2013;45:215-227. IF: 1.293
34. Isakova T*, Xie H*, Messinger S, Cortazar F, Scialla JJ, Guerra G, Contreras G, Roth D, Burke GW, 3rd, Molnar MZ, Mucsi I, Wolf M. Inhibitors of mtor and risks of allograft failure and mortality in kidney transplantation. *Am J Transplant*. 2013;13:100-110. IF: 6.190
35. Rattanasompattikul M, Feroze U, Molnar MZ, Dukkupati R, Kovesdy CP, Nissenson AR, Norris KC, Kopple JD, Kalantar-Zadeh K. Charlson comorbidity score is a strong predictor of mortality in hemodialysis patients. *International urology and nephrology*. 2012;44:1813-1823. IF: 1.325
36. Molnar MZ, Kovesdy CP, Mucsi I, Salusky IB, Kalantar-Zadeh K. Association of pre-kidney transplant markers of mineral and bone disorder with post-transplant outcomes. *Clin J Am Soc Nephrol*. 2012;7:1859-1871. IF: 5.068
37. Miller JE, Molnar MZ, Kovesdy CP, Zaritsky JJ, Streja E, Salusky I, Arah OA, Kalantar-Zadeh K. Administered paricalcitol dose and survival in hemodialysis patients: A marginal structural model analysis. *Pharmacoepidemiology and drug safety*. 2012;21:1232-1239. IF: 2.897
38. Molnar MZ, Kovesdy CP, Rosivall L, Bunnapradist S, Hoshino J, Streja E, Krishnan M, Kalantar-Zadeh K. Associations of pre-transplant anemia management with post-transplant delayed graft function in kidney transplant recipients. *Clinical transplantation*. 2012;26:782-791. IF: 1.634
39. Lievense H, Kalantar-Zadeh K, Lukowsky LR, Molnar MZ, Duong U, Nissenson A, Krishnan M, Krediet R, Mehrotra R. Relationship of body size and initial dialysis modality on subsequent transplantation, mortality and weight gain of esrd patients. *Nephrol Dial Transplant*. 2012;27:3631-3638. IF: 3.371
40. Torlen K, Kalantar-Zadeh K, Molnar MZ, Vashistha T, Mehrotra R. Serum potassium and cause-specific mortality in a large peritoneal dialysis cohort. *Clin J Am Soc Nephrol*. 2012;7:1272-1284. IF: 5.068
41. Molnar MZ, Bunnapradist S, Huang E, Krishnan M, Nissenson AR, Kovesdy CP, Kalantar-Zadeh K. Association of pre-transplant erythropoiesis-stimulating agent responsiveness with post-transplant outcomes. *Nephrol Dial Transplant*. 2012;27:3345-3351. IF: 3.371

42. Ujszaszi A, Czira ME, Fornadi K, Novak M, Mucsi I, Molnar MZ. Quality of life and protein-energy wasting in kidney transplant recipients. *International urology and nephrology*. 2012;44:1257-1268. IF: 1.325
43. Shah A*, Molnar MZ*, Lukowsky LR, Zaritsky JJ, Kovesdy CP, Kalantar-Zadeh K. Hemoglobin level and survival in hemodialysis patients with polycystic kidney disease and the role of administered erythropoietin. *American journal of hematology*. 2012;87:833-836. IF: 4.003
44. Molnar MZ, Streja E, Kovesdy CP, Hoshino J, Hatamizadeh P, Glasscock RJ, Ojo AO, Kalantar-Zadeh K. Estimated glomerular filtration rate at reinitiation of dialysis and mortality in failed kidney transplant recipients. *Nephrol Dial Transplant*. 2012;27:2913-2921. IF: 3.396
45. Lukowsky LR, Molnar MZ, Zaritsky JJ, Sim JJ, Mucsi I, Kovesdy CP, Kalantar-Zadeh K. Mineral and bone disorders and survival in hemodialysis patients with and without polycystic kidney disease. *Nephrol Dial Transplant*. 2012;27:2899-2907. IF: 3.371
46. Park J, Lertdumrongluk P, Molnar MZ, Kovesdy CP, Kalantar-Zadeh K. Glycemic control in diabetic dialysis patients and the burnt-out diabetes phenomenon. *Current diabetes reports*. 2012;12:432-439. IF: 3.165
47. Lindner A, Fornadi K, Lazar AS, Czira ME, Dunai A, Zoller R, Veber O, Szentkiralyi A, Kiss Z, Toronyi E, Mucsi I, Novak M, Molnar MZ. Periodic limb movements in sleep are associated with stroke and cardiovascular risk factors in patients with renal failure. *Journal of sleep research*. 2012;21:297-307. IF: 3.043
48. Kalantar-Zadeh K*, Molnar MZ*, Kovesdy CP, Mucsi I, Bunnapradist S. Management of mineral and bone disorder after kidney transplantation. *Current opinion in nephrology and hypertension*. 2012;21:389-403. IF: 3.964
49. Molnar MZ, Langer RM, Remport A, Czira ME, Rajczy K, Kalantar-Zadeh K, Kovesdy CP, Novak M, Mucsi I, Rosivall L. Roma ethnicity and clinical outcomes in kidney transplant recipients. *International urology and nephrology*. 2012;44:945-954. IF: 1.325
50. Molnar MZ*, Streja E*, Kovesdy CP, Shah A, Huang E, Bunnapradist S, Krishnan M, Kopple JD, Kalantar-Zadeh K. Age and the associations of living donor and expanded criteria donor kidneys with kidney transplant outcomes. *Am J Kidney Dis*. 2012;59:841-848. IF: 5.294
51. Feroze U, Kalantar-Zadeh K, Sterling KA, Molnar MZ, Noori N, Benner D, Shah V, Dwivedi R, Becker K, Kovesdy CP, Raj DS. Examining associations of circulating endotoxin with nutritional status, inflammation, and mortality in hemodialysis patients. *J Ren Nutr*. 2012;22:317-326. IF: 1.750
52. Kalantar-Zadeh K, Streja E, Molnar MZ, Lukowsky LR, Krishnan M, Kovesdy CP, Greenland S. Mortality prediction by surrogates of body composition: An examination of the obesity paradox in hemodialysis patients using composite ranking score analysis. *American journal of epidemiology*. 2012;175:793-803. IF: 4.780

53. Fornadi K, Lindner A, Czira ME, Szentkiralyi A, Lazar AS, Zoller R, Turanyi CZ, Veber O, Novak M, Mucsi I, Molnar MZ. Lack of association between objectively assessed sleep disorders and inflammatory markers among kidney transplant recipients. *International urology and nephrology*. 2012;44:607-617. IF: 1.325
54. Ricks J*, Molnar MZ*, Kovesdy CP, Shah A, Nissenson AR, Williams M, Kalantar-Zadeh K. Glycemic control and cardiovascular mortality in hemodialysis patients with diabetes: A 6-year cohort study. *Diabetes*. 2012;61:708-715. IF: 7.895
55. Molnar MZ, Mehrotra R, Duong U, Bunnapradist S, Lukowsky LR, Krishnan M, Kovesdy CP, Kalantar-Zadeh K. Dialysis modality and outcomes in kidney transplant recipients. *Clin J Am Soc Nephrol*. 2012;7:332-341. IF: 5.068
56. Kovesdy CP, Lott EH, Lu JL, Malakauskas SM, Ma JZ, Molnar MZ, Kalantar-Zadeh K. Hyponatremia, hypernatremia, and mortality in patients with chronic kidney disease with and without congestive heart failure. *Circulation*. 2012;125:677-684. IF: 15.202
57. Duong U*, Kalantar-Zadeh K, Molnar MZ*, Zaritsky JJ, Teitelbaum I, Kovesdy CP, Mehrotra R. Mortality associated with dose response of erythropoiesis-stimulating agents in hemodialysis versus peritoneal dialysis patients. *American journal of nephrology*. 2012;35:198-208. IF: 2.623
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F. Editorial Articles: Peer-Reviewed Journals (PubMed cited+others):

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1. M Novak, MZs Molnar, I Mucsi: Sleep disorders in patients with chronic renal failure. In: TE Andreoli, E Ritz, L Rosivall (eds): Nephrology, Hypertension, Dialysis, Transplantation. State Printing Company, Budapest, 2006, pp 477-485
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Invited speaker:

1. Molnar MZ: Malnutrition-Inflammation Syndrome in kidney transplant recipients. IV SIMPOSIUM DE NUTRICIÓN EN ENFERMEDAD RENAL CRÓNICA. Hospital Universitario de la Princesa, Madrid 20-21/11/2009
2. Molnar MZ: Sleep disorders, quality of life and mortality in kidney transplant recipients and in patients on maintenance dialysis. XX Congress of the Italian Association of Sleep Medicine. 03-06/10/2010
3. Molnar MZ: Timing of Dialysis Initiation in Transplant-Naïve and Failed Transplant Patient. Nephrology Grand Rounds at Harbor-UCLA Medical Center, Torrance, California, USA; April 9, 2012.
4. Molnar MZ: Introduction of the Young Nephrologist Platform: aims and possibilities. We are here, join us! 50th ERA-EDTA Congress, Istanbul, Turkey, May 18-May 21, 2013
5. Molnar MZ: Result of our first survey: what do the members of ERA-EDTA expect from YNP? 50th ERA-EDTA Congress, Istanbul, Turkey, May 18-May 21, 2013

6. Molnar MZ: Predictors of Transplant Outcomes in Wait-Listed Dialysis Patients. The 5th Annual UC Irvine Health Transplant and Nephrology Conference: "Optimizing Access to Transplantation". Orange, California, June 8th, 2013
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8. Molnar MZ: Do the Risk Factors of Dialysis Patients Have Impact on the Outcome After Kidney Transplantation? 20th Budapest Nephrology School. Budapest, Hungary, August 28th, 2013
9. Molnar MZ: Sleep disorders and depression in kidney transplant recipients. Renal Grand Rounds, Division of Nephrology and Hypertension, University of California, Irvine, VA Long Beach Health Care System, Long Beach, CA, USA. March 03/2014
10. Molnar MZ: Acid-base balance and cardiovascular mortality in chronic kidney disease. 51st ERA-EDTA Congress, Amsterdam, The Netherlands, May 31-June 3, 2014
11. Molnar MZ: Inflammation and inadequate protein intake: risk factors in haemodialysis and transplant recipients. 51st ERA-EDTA Congress, Amsterdam, The Netherlands, May 31-June 3, 2014
12. Molnar MZ: YNP Activities and Future Plans. 51st ERA-EDTA Congress, Amsterdam, The Netherlands, May 31-June 3, 2014
13. Molnar MZ: Do the Risk Factors of Dialysis Patients Have Impact on the Outcome After Kidney Transplantation? 1st Course of YNP of ERA-EDTA, titled: "Landmark Studies in Kidney Transplantation", Budapest, Hungary, August 24th, 2014
14. Molnar MZ: Impact of Recipients' Obesity on the Outcome of Kidney Transplantation. 21th Budapest Nephrology School. Budapest, Hungary, August 29th, 2014

Presentations:

1. M. Molnár, I. Mucsi, M. Novák: Sleep complaints and illness intrusiveness in haemodialysis patients. 10th European Symposium of the Association of European Psychiatrists, 2000. April 6-8., Budapest.
2. M. Novak, M Molnar: Sleep problems after kidney transplantation (Provincewide Sleep Rounds, Toronto Western Hospital, Toronto, Canada), 2003.12.06.
3. I Mucsi, Cs Ambrus, M Novak, L Szeifert, A Kovacs, J Pap, A Remport, M Zs Molnar: Anemia is prevalent and largely undertreated in patients after kidney transplantation. Accepted for XLI ERA-EDTA Congress (Lisbon, Portugal - May 15-18, 2004)

4. MZ. Molnar, Cs Ambrus, L Szeifert, A Koczy, AZ Kovacs, I Mucsi, M Novak: Depression Predicts Mortality in Kidney Transplanted Patients. American Psychiatric Association, Annual Meeting Toronto, Canada, May 20 - 25, 2006.

5. MZ Molnar, ZA Kovacs, C Ambrus, A Szentkiralyi, E Vamos, L Szeifert, A Koczy, M Czira, A Lindner, M Novak, I Mucsi: Renal function is associated with health related quality of life in kidney transplanted patients. 2006 International Society for Quality of Life Research meeting abstracts {www.isoqol.org/2006mtgabstracts}. The QRL Journal, A-68, Abstract #1170

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