

Akademischer Lebenslauf

Professor Dr. med. Daniel Patschan



Geburtsjahr: 1973
Professur für: Innere Medizin und Nephrologie
Universitätsklinikum Brandenburg an der Havel
MHB Eintrittsdatum: 09/2017
Stellenumfang: 100% Klinik

Ausbildung und berufliche Stationen

10/1993 - 09/1995	Freie Universität, Berlin
10/1995 - 05/2000	Humboldt-Universität, Berlin
05/2000 - 09/2001	Charité Berlin, Abteilung für Rheumatologie und klinische Immunologie (Abteilungsleiter: Prof. Dr. med. G. R. Burmester)
10/2001 - 01/2005	Universitätsklinikum Essen, Abteilung für Nieren- und Hochdruckkrankheiten (Abteilungsleiter: Prof. Dr. med. Th. Philipp)
01/2005 - 04/2007	<i>Renal Research Institute, New York Medical College, USA</i> (Abteilungsleiter: Prof. Dr. M. Goligorsky)
07/2007 - 03/2010	Assistenz- und Facharztstätigkeit, Universitätsklinikum Göttingen, Klinik für Nephrologie & Rheumatologie (Abteilungsleiter: Prof. Dr. med. G. A. Müller)
04/2010 - 07/2017	Oberarztstätigkeit, Universitätsklinikum Göttingen, Klinik für Nephrologie & Rheumatologie (Abteilungsleiter: Prof. Dr. med. G. A. Müller)
ab 09/2017	Universitätsklinikum Brandenburg an der Havel, Medizinische Hochschule Brandenburg
2002	Promotion an der Humboldt-Universität, Berlin, Titel: „Die Expression des humanen Zelladhäsionsrezeptors LI-Cadherin im Gastrointestinaltrakt unter physiologischen und pathologischen Bedingungen“. Doktorvater: Prof. Dr. med. Rudolf Tauber (Institut für Laboratoriumsmedizin, Klinische Chemie und Pathobiochemie, Virchow-Klinikum Berlin, Note: „Magna cum laude“)
01/2011	Habilitation, Georg-August-Universität Göttingen, Thema „Pathophysiologische Bedeutung und therapeutische Wertigkeit endothelialer Vorläuferzellen bei akutem ischämischen Nierenversagen“
08/2015	Ernennung zum außerplanmäßigen Professor, Universitätsmedizin Göttingen
09/2017	Universitätsprofessur für Innere Medizin und Nephrologie, Medizinische Hochschule Brandenburg

Stipendien, Ehrungen und ggf. Patente

2005	Forschungsstipendium der Jackstädt-Stiftung
2006	Forschungsstipendium der Deutschen Forschungsgemeinschaft (DFG)
2006	Grant der International Society of Nephrology (ISN)
2006	Grant des Kuratoriums der Gesellschaft für Nephrologie
2007	Sachmittelbeihilfe der Deutschen Forschungsgemeinschaft (DFG)
2007	Rückkehrstipendium der Deutschen Forschungsgemeinschaft
2008	Fakultätsförderung der Universitätsmedizin Göttingen
2008	Sachmittelbeihilfe der Jackstädt-Stiftung
2009	Sachmittelbeihilfe der Jackstädt-Stiftung
2011	Sachmittelbeihilfe der Jackstädt-Stiftung
2012	Sachmittelbeihilfe der Jackstädt-Stiftung
2009	Sachmittelbeihilfe der Else Kröner-Fresenius-Stiftung
2011	Sachmittelbeihilfe der Else Kröner-Fresenius-Stiftung
2013	Sachmittelbeihilfe der Deutsche Forschungsgemeinschaft (DFG)
2015	Sachmittelbeihilfe der European Foundation for the Study of Diabetes
2015	Sachmittelbeihilfe der Deutsche Forschungsgemeinschaft (DFG)
2019	Sachmittelbeihilfe der Jackstädt-Stiftung

Organisationen von Tagungen und Vortragsreihen in Brandenburg

15.08.2018	„Rheumatologie, Orthopädie und Nephrologie im interdisziplinären Dialog“ – Symposium für niedergelassene und klinische Kolleg:innen, Brandenburg an der Havel
03.04.2019	„Update Kardiologie, Nephrologie und Rheumatologie“ - Symposium für niedergelassene und klinische Kolleg:innen, Brandenburg an der Havel
15.09.2021	„Update Kardiologie, Nephrologie und Rheumatologie“ - Symposium für niedergelassene und klinische Kolleg:innen, Brandenburg an der Havel
14.09.2022	„Update Kardiologie, Nephrologie und Rheumatologie“ - Symposium für niedergelassene und klinische Kolleg:innen, Brandenburg an der Havel

Gutachtertätigkeiten

American Journal of Nephrology
Autophagy
Asian Journal of Andrology
Blood Journal
Critical Care
Experimental Physiology
International Urology and Nephrology
Journal of Cell Communication and Signaling
Journal of Clinical Immunology and Immunopathology Research
Journal of Clinical Medicine
Journal of Pharmaceutical Technology & Drug Research.
Journal of the American Society of Nephrology (JASN)
Kidney International
Life
Life Sciences
Nephrology Dialysis Transplantation (NDT)
Platelets
PLOS One
Urology
Zeitschrift für Rheumatologie

Mitgliedschaften in Gremien (außerhalb der MHB) und Fachgesellschaften

seit 2012	Deutsche Gesellschaft für Nephrologie
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seit 2010 Deutsche Gesellschaft für Innere Medizin

Veröffentlichungen

Best 5:

1. Patschan D, Schwarze K, Tampe B, Becker JU, Hakrrouch S, Ritter O, Patschan S, Müller GA. Constitutive Atg5 overexpression in mouse bone marrow endothelial progenitor cells improves experimental acute kidney injury. *BMC Nephrol.* 2020;21(1):503.
2. Patschan D, Hildebrandt A, Rinneburger J, Wessels JT, Patschan S, Becker JU, Henze E, Krüger A, Müller GA. The hormone melatonin stimulates renoprotective effects of "early outgrowth" endothelial progenitor cells in acute ischemic kidney injury. *Am J Physiol Renal Physiol.* 2012;302(10):F1305-12.
3. Patschan D, Michurina T, Shi HK, Dolff S, Brodsky SV, Vasilieva T, Cohen-Gould L, Winaver J, Chander PN, Enikolopov G, Goligorsky MS. Normal distribution and medullary-to-cortical shift of Nestin-expressing cells in acute renal ischemia. *Kidney Int.* 2007;71(8):744-54.
4. Patschan D, Patschan S, Gobe GG, Chintala S, Goligorsky MS. Uric acid heralds ischemic tissue injury to mobilize endothelial progenitor cells. *J Am Soc Nephrol.* 2007;18(5):1516-24.
5. Patschan D, Krupinca K, Patschan S, Zhang Z, Hamby C, Goligorsky MS. Dynamics of mobilization and homing of endothelial progenitor cells after acute renal ischemia: modulation by ischemic preconditioning. *Am J Physiol Renal Physiol.* 2006;291(1):F176-85.

Alle 'PUBMED'-gelisteten Veröffentlichungen

1. Patschan D, Drubel K, Matyukhin I, Marahrens B, Patschan S, Ritter O. Kidney Replacement Therapy in Cardiorenal Syndromes. *J Clin Med Res.* 2022;14(7):264-72.
2. Patschan D, Marahrens B, Jansch M, Patschan S, Ritter O. Experimental Cardiorenal Syndrome Type 3: What Is Known so Far? *J Clin Med Res.* 2022;14(1):22-7.
3. Seckinger D, Ritter O, Patschan D. Risk factors and outcome variables of cardiorenal syndrome type 1 from the nephrologist's perspective. *Int Urol Nephrol.* 2022;54(7):1591-601.
4. Rzayeva L, Matyukhin I, Ritter O, Patschan S, Patschan D. Health Care Quality in CKD Subjects: A Cross-Sectional In-Hospital Evaluation. *Int J Nephrol.* 2022;2022:9432509.
5. Drubel K, Marahrens B, Ritter O, Patschan D. Kidney-Related Outcome in Cardiorenal Syndrome Type 3. *Int J Nephrol.* 2022;2022:4895434.
6. Erfurt S, Hoffmeister M, Oess S, Asmus K, Patschan S, Ritter O, Patschan D. Soluble IL-33 receptor predicts survival in acute kidney injury. *J Circ Biomark.* 2022;11:28-35.
7. Andresen H, Sasko B, Patschan D, Pagonas N, Ritter O. Effective treatment of electrical storm by a wearable cardioverter defibrillator in a patient with severely impaired left ventricular function after myocardial infarction: a case report. *J Med Case Rep.* 2021;15(1):243.
8. Erfurt S, Hoffmeister M, Oess S, Asmus K, Ritter O, Patschan S, Patschan D. [Not Available]. *J Circ Biomark.* 2021;10:20-5.
9. Marahrens B, Amann K, Asmus K, Erfurt S, Patschan D. Renal replacement therapy-requiring acute kidney injury due to tubulointerstitial nephritis and uveitis syndrome: case report. *J Med Case Rep.* 2021;15(1):629.
10. Asmus K, Erfurt S, Ritter O, Patschan S, Patschan D. AKI Epidemiology and Outcomes: A Retrospective Cohort Study from the Prenefrology Era. *Int J Nephrol.* 2021;2021:5549316.
11. Dihazi H, Schwarze K, Patschan S, Müller GA, Ritter O, Zeisberg M, Patschan D. PAC-Mediated AKI Protection Is Critically Mediated but Does Not Exclusively Depend on Cell-Derived Microvesicles. *Int J Nephrol.* 2021;2021:8864183.

12. Schmalz G, Bartl M, Schmickler J, Patschan S, Patschan D, Ziebolz D. Tooth Loss Is Associated with Disease-Related Parameters in Patients with Rheumatoid Arthritis and Ankylosing Spondylitis-A Cross-Sectional Study. *Journal of clinical medicine*. 2021;10(14).
13. Sasko B, Patschan D, Nordbeck P, Seidlmayer L, Andresen H, Jänsch M, Bramlage P, Ritter O, Pagonas N. Secondary Prevention of Potentially Life-Threatening Arrhythmia Using Implantable Cardioverter Defibrillators in Patients with Biopsy-Proven Viral Myocarditis and Preserved Ejection Fraction. *Cardiology*. 2021;146(2):213-21.
14. Klionsky DJ, Abdel-Aziz AK, Abdelfatah S, Abdellatif M, Abdoli A, Abel S, Abeliovich H, Abildgaard MH, Abudu YP, Acevedo-Arozena A, Adamopoulos IE, et al. Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)(1). *Autophagy*. 2021;17(1):1-382.
15. Schmalz G, Patschan S, Patschan D, Ziebolz D. Oral health-related quality of life in adult patients with end-stage kidney diseases undergoing renal replacement therapy - a systematic review. *BMC Nephrol*. 2020;21(1):154.
16. Schmalz G, Noack S, Patschan S, Patschan D, Müller GA, Rupprecht A, Schmickler J, Haak R, Ziebolz D. Disease activity, morning stiffness and missing teeth are associated with oral health-related quality of life in individuals with rheumatoid arthritis. *Clinical oral investigations*. 2020;24(10):3559-66.
17. Schmalz G, Patschan D, Schmickler J, Bethke N, Scherzinger E, Müller GA, Ziebolz D, Patschan S. Oral health-related quality of life in different rheumatic diseases. *Oral Dis*. 2020;26(8):1783-92.
18. Patschan S, Bothmann L, Patschan D, Henze E, Schmalz G, Ritter O, Ziebolz D. Association of cytokine patterns and clinical/laboratory parameters, medication and periodontal burden in patients with rheumatoid arthritis (RA). *Odontology*. 2020;108(3):441-9.
19. Patschan D, Schwarze K, Tampe B, Becker JU, Hakroush S, Ritter O, Patschan S, Müller GA. Constitutive Atg5 overexpression in mouse bone marrow endothelial progenitor cells improves experimental acute kidney injury. *BMC Nephrol*. 2020;21(1):503.
20. Matyukhin I, Patschan S, Ritter O, Patschan D. Etiology and Management of Acute Metabolic Acidosis: An Update. *Kidney & blood pressure research*. 2020;45(4):523-31.
21. Patschan D, Patschan S, Ritter O. Chronic Metabolic Acidosis in Chronic Kidney Disease. *Kidney & blood pressure research*. 2020;45(6):812-22.
22. Schmalz G, Patschan S, Patschan D, Ziebolz D. Oral-Health-Related Quality of Life in Adult Patients with Rheumatic Diseases-A Systematic Review. *Journal of clinical medicine*. 2020;9(4).
23. Patschan D, Schwarze K, Henze E, Hoffmann JC, Patschan S, Ritter O, Müller GA. Acute Kidney Injury-Associated Systemic Inflammation Is Aggravated in Insulin-Dependent Diabetes Mellitus. *J Clin Med Res*. 2019;11(10):720-3.
24. Patschan D, Patschan S, Buschmann I, Ritter O. Loop Diuretics in Acute Kidney Injury Prevention, Therapy, and Risk Stratification. *Kidney & blood pressure research*. 2019;44(4):457-64.
25. Patschan S, Vogt M, Bakhtiari D, Bramlage CP, Henze E, Müller GA, Krause A, Patschan D. Humoral and Cellular Patterns of Early Endothelial Progenitor Cells in Relation to the Cardiovascular Risk in Axial Spondylarthritis. *J Clin Med Res*. 2019;11(6):391-400.
26. Hoffmann JC, Patschan D, Dihazi H, Müller C, Schwarze K, Henze E, Ritter O, Müller GA, Patschan S. Cytokine profiling in anti neutrophil cytoplasmic antibody-associated vasculitis: a cross-sectional cohort study. *Rheumatol Int*. 2019;39(11):1907-17.
27. Patschan D, Buschmann I, Ritter O. Contrast-Induced Nephropathy: Update on the Use of Crystalloids and Pharmacological Measures. *Int J Nephrol*. 2018;2018:5727309.
28. Patschan D, Buschmann I, Ritter O, Kribben A. Cell-Based Therapies in Acute Kidney Injury (AKI). *Kidney & blood pressure research*. 2018;43(3):673-81.

29. Ziebolz D, Douglas D, Douglas D, Schmickler J, Patschan D, Müller GA, Haak R, Schmidt J, Schmalz G, Patschan S. Periodontal condition is associated with disease duration and motoric disabilities in patients with ankylosing spondylitis: results of a cross-sectional study. *Rheumatol Int.* 2018;38(5):855-63.
30. Schwarze K, Kribben A, Ritter O, Müller GA, Patschan D. Autophagy activation in circulating proangiogenic cells aggravates AKI in type I diabetes mellitus. *Am J Physiol Renal Physiol.* 2018;315(4):F1139-f48.
31. Schmalz G, Douglas D, Douglas D, Patschan S, Patschan D, Müller GA, Haak R, Schmickler J, Ziebolz D. Oral health-related quality of life is associated with disease specific parameters in patients with ankylosing spondylitis. *Clinical oral investigations.* 2018;22(8):2889-96.
32. Korsten P, Mavropoulou E, Wienbeck S, Ellenberger D, Patschan D, Zeisberg M, Vasko R, Tampe B, Müller GA. The "rapid atrial swirl sign" for assessing central venous catheters: Performance by medical residents after limited training. *PLoS One.* 2018;13(7):e0199345.
33. Patschan D, Sugiarto N, Henze E, Mößner R, Mohr J, Müller GA, Patschan S. Early endothelial progenitor cells and vascular stiffness in psoriasis and psoriatic arthritis. *Eur J Med Res.* 2018;23(1):56.
34. Ziebolz D, Rupprecht A, Schmickler J, Bothmann L, Krämer J, Patschan D, Müller GA, Mausberg RF, Schmidt J, Schmalz G, Patschan S. Association of different immunosuppressive medications with periodontal condition in patients with rheumatoid arthritis: Results from a cross-sectional study. *Journal of periodontology.* 2018;89(11):1310-7.
35. Patschan D, Müller GA. [Acute Kidney Injury, AKI - Update 2018]. *Dtsch Med Wochenschr.* 2018;143(15):1094-6.
36. Patschan D, Müller GA. [Diagnostics and Non-Dialytic Management of AKI - Update]. *Dtsch Med Wochenschr.* 2017;142(11):821-4.
37. Schmickler J, Rupprecht A, Patschan S, Patschan D, Müller GA, Haak R, Mausberg RF, Schmalz G, Kottmann T, Ziebolz D. Cross-Sectional Evaluation of Periodontal Status and Microbiologic and Rheumatoid Parameters in a Large Cohort of Patients With Rheumatoid Arthritis. *Journal of periodontology.* 2017;88(4):368-79.
38. Patschan D, Schwarze K, Tampe B, Zeisberg M, Patschan S, Müller GA. Endothelial Colony Forming Cells (ECFCs) in murine AKI - implications for future cell-based therapies. *BMC Nephrol.* 2017;18(1):53.
39. Korsten P, Patschan D, Henze E, Niewold TB, Müller GA, Patschan S. Dynamics of pulse wave velocity and vascular augmentation index in association with endothelial progenitor cells in SLE. *Lupus Sci Med.* 2016;3(1):e000185.
40. Patschan D, Müller GA. Acute Kidney Injury in Diabetes Mellitus. *Int J Nephrol.* 2016;2016:6232909.
41. Patschan D, Schwarze K, Henze E, Patschan S, Müller GA. Endothelial autophagy and Endothelial-to-Mesenchymal Transition (EndoMT) in eEPC treatment of ischemic AKI. *J Nephrol.* 2016;29(5):637-44.
42. Patschan D, Schwarze K, Henze E, Patschan S, Müller GA. The endothelial-to-mesenchymal transition and endothelial cilia in EPC-mediated postischemic kidney protection. *Am J Physiol Renal Physiol.* 2016;310(7):F679-f87.
43. Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adhietty PJ, et al. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy.* 2016;12(1):1-222.
44. Patschan D, Kribben A, Müller GA. Postischemic microvasculopathy and endothelial progenitor cell-based therapy in ischemic AKI: update and perspectives. *Am J Physiol Renal Physiol.* 2016;311(2):F382-94.
45. Patschan S, Tampe D, Müller C, Seitz C, Herink C, Müller GA, Zeisberg E, Zeisberg M, Henze E, Patschan D. Early Endothelial Progenitor Cells (eEPCs) in systemic sclerosis

- (SSc) - dynamics of cellular regeneration and mesenchymal transdifferentiation. *BMC Musculoskelet Disord.* 2016;17:339.
46. Patschan D, Müller GA. Acute kidney injury. *J Inj Violence Res.* 2015;7(1):19-26.
 47. Koziolk MJ, Patschan D, Desel H, Wallbach M, Callizo J. Clozantel Poisoning Treated With Plasma Exchange. *JAMA Ophthalmol.* 2015;133(6):718-20.
 48. Wallbach M, Lehnig LY, Schroer C, Helms HJ, Lüders S, Patschan D, Patschan S, Müller GA, Wachter R, Koziolk MJ. Effects of baroreflex activation therapy on arterial stiffness and central hemodynamics in patients with resistant hypertension. *J Hypertens.* 2015;33(1):181-6.
 49. Patschan D, Heeg M, Brier M, Brandhorst G, Schneider S, Müller GA, Koziolk MJ. CD4+ lymphocyte adenosine triphosphate--a new marker in sepsis with acute kidney injury? *BMC Nephrol.* 2014;15:203.
 50. Patschan D, Schwarze K, Henze E, Patschan S, Scheidemann R, Müller GA. Fibrate treatment of eEOCs in murine AKI. *J Nephrol.* 2014;27(1):37-44.
 51. Patschan S, Nemirovsky K, Henze E, Scholze J, Müller GA, Patschan D. Tocilizumab increases EPC regeneration in rheumatoid arthritis. *Scand J Rheumatol.* 2014;43(6):528-30.
 52. Patschan D, Schwarze K, Henze E, Becker JU, Patschan S, Müller GA. eEOC-mediated modulation of endothelial autophagy, senescence, and EnMT in murine diabetic nephropathy. *Am J Physiol Renal Physiol.* 2014;307(6):F686-94.
 53. Patschan D, Rinneburger J, Idrizi N, Backhaus R, Schwarze K, Henze E, Patschan S, Müller GA. Angiotensin-1 treated early endothelial outgrowth cells (eEOCs) are activated in vitro and reduce renal damage in murine acute ischemic kidney injury (iAKI). *BMC Nephrol.* 2013;14:227.
 54. Fließner EE, Korsten P, Koziolk MJ, Niewold TB, Patschan D, Müller GA, Patschan SA. Successful treatment of a mycophenolate mofetil-refractory proliferative lupus nephritis with Belimumab in a 19-year-old woman. *Lupus.* 2013;22(14):1523-5.
 55. Patschan S, Patschan D, Potulski M, Henze E, Scholze J, Müller GA. Endothelial progenitor cells in systemic lupus erythematosus. *J Nephrol.* 2013;26(6):1065-72.
 56. Patschan D, Backhaus R, Elle HJ, Schwarze K, Henze E, Becker JU, Patschan S, Müller GA. Angiotensin-2 modulates eEOC-mediated renoprotection in AKI in a dose-dependent manner. *J Nephrol.* 2013;26(4):667-74.
 57. Heeg M, Mertens A, Ellenberger D, Müller GA, Patschan D. Prognosis of AKI in malignant diseases with and without sepsis. *BMC Anesthesiol.* 2013;13(1):36.
 58. Patschan D, Schwarze K, Lange A, Meise N, Henze E, Becker JU, Patschan S, Müller GA. Bone morphogenetic protein-5 and early endothelial outgrowth cells (eEOCs) in acute ischemic kidney injury (AKI) and 5/6-chronic kidney disease. *Am J Physiol Renal Physiol.* 2013;305(3):F314-22.
 59. Patschan D, Patschan S, Müller GA. Inflammation and microvasculopathy in renal ischemia reperfusion injury. *J Transplant.* 2012;2012:764154.
 60. Patschan D, Hildebrandt A, Rinneburger J, Wessels JT, Patschan S, Becker JU, Henze E, Krüger A, Müller GA. The hormone melatonin stimulates renoprotective effects of "early outgrowth" endothelial progenitor cells in acute ischemic kidney injury. *Am J Physiol Renal Physiol.* 2012;302(10):F1305-12.
 61. Patschan S, Patschan D, Henze E, Blaschke S, Wessels JT, Müller GA. Impairment and Differential Expression of PR3 and MPO on Peripheral Myelomonocytic Cells with Endothelial Properties in Granulomatosis with Polyangiitis. *Int J Nephrol.* 2012;2012:715049.
 62. Patschan D, Patschan S, Müller GA. Microvasculopathy in ischemic acute kidney injury: consequences and therapeutic implications. *Panminerva Med.* 2012;54(1):45-52.
 63. Patschan D, Korsten P, Behlau A, Vasko R, Heeg M, Sweiss N, Müller GA, Koziolk M. Idiopathic combined, autoantibody-mediated ADAMTS-13/factor H deficiency in thrombotic thrombocytopenic purpura-hemolytic uremic syndrome in a 17-year-old woman: a case report. *J Med Case Rep.* 2011;5:598.

64. Patschan SA, Patschan D, Temme J, Korsten P, Wessels JT, Koziolok M, Henze E, Müller GA. Endothelial progenitor cells (EPC) in sepsis with acute renal dysfunction (ARD). *Crit Care*. 2011;15(2):R94.
65. Patschan D, Patschan S, Müller GA. Endothelial progenitor cells in acute ischemic kidney injury: strategies for increasing the cells' renoprotective competence. *Int J Nephrol*. 2011;2011:828369.
66. Patschan D, Patschan S, Wessels JT, Becker JU, David S, Henze E, Goligorsky MS, Müller GA. Epac-1 activator 8-O-cAMP augments renoprotective effects of syngeneic [corrected] murine EPCs in acute ischemic kidney injury. *Am J Physiol Renal Physiol*. 2010;298(1):F78-85.
67. Koziolok MJ, Müller GA, Zapf A, Patschan D, Schmid H, Cohen CD, Koschnick S, Vasko R, Bramlage C, Strutz F. Role of CX3C-chemokine CX3C-L/fractalkine expression in a model of slowly progressive renal failure. *Nephrol Dial Transplant*. 2010;25(3):684-98.
68. Goligorsky MS, Patschan D, Kuo MC. Weibel-Palade bodies--sentinels of acute stress. *Nat Rev Nephrol*. 2009;5(7):423-6.
69. Goligorsky MS, Kuo MC, Patschan D, Verhaar MC. Review article: endothelial progenitor cells in renal disease. *Nephrology (Carlton)*. 2009;14(3):291-7.
70. Patschan D, Patschan S, Henze E, Wessels JT, Koziolok M, Müller GA. LDL lipid apheresis rapidly increases peripheral endothelial progenitor cell competence. *J Clin Apher*. 2009;24(5):180-5.
71. Chen J, Li H, Addabbo F, Zhang F, Pelger E, Patschan D, Park HC, Kuo MC, Ni J, Gobe G, Chander PN, et al. Adoptive transfer of syngeneic bone marrow-derived cells in mice with obesity-induced diabetes: selenoorganic antioxidant ebselen restores stem cell competence. *Am J Pathol*. 2009;174(2):701-11.
72. Stoessel A, Paliege A, Theilig F, Addabbo F, Ratliff B, Waschke J, Patschan D, Goligorsky MS, Bachmann S. Indolent course of tubulointerstitial disease in a mouse model of subpressor, low-dose nitric oxide synthase inhibition. *Am J Physiol Renal Physiol*. 2008;295(3):F717-25.
73. Shi H, Patschan D, Dietz GP, Bähr M, Plotkin M, Goligorsky MS. Glial cell line-derived neurotrophic growth factor increases motility and survival of cultured mesenchymal stem cells and ameliorates acute kidney injury. *Am J Physiol Renal Physiol*. 2008;294(1):F229-35.
74. Patschan S, Chen J, Polotskaia A, Mendeleev N, Cheng J, Patschan D, Goligorsky MS. Lipid mediators of autophagy in stress-induced premature senescence of endothelial cells. *Am J Physiol Heart Circ Physiol*. 2008;294(3):H1119-29.
75. Kuo MC, Patschan D, Patschan S, Cohen-Gould L, Park HC, Ni J, Addabbo F, Goligorsky MS. Ischemia-induced exocytosis of Weibel-Palade bodies mobilizes stem cells. *J Am Soc Nephrol*. 2008;19(12):2321-30.
76. O'Riordan E, Orlova TN, Mendeleev N, Patschan D, Kemp R, Chander PN, Hu R, Hao G, Gross SS, Iozzo RV, Delaney V, et al. Urinary proteomic analysis of chronic allograft nephropathy. *Proteomics Clin Appl*. 2008;2(7-8):1025-35.
77. Patschan D, Michurina T, Shi HK, Dolff S, Brodsky SV, Vasilieva T, Cohen-Gould L, Winaver J, Chander PN, Enikolopov G, Goligorsky MS. Normal distribution and medullary-to-cortical shift of Nestin-expressing cells in acute renal ischemia. *Kidney Int*. 2007;71(8):744-54.
78. O'Riordan E, Mendeleev N, Patschan S, Patschan D, Eskander J, Cohen-Gould L, Chander P, Goligorsky MS. Chronic NOS inhibition actuates endothelial-mesenchymal transformation. *Am J Physiol Heart Circ Physiol*. 2007;292(1):H285-94.
79. Shi H, Patschan D, Epstein T, Goligorsky MS, Winaver J. Delayed recovery of renal regional blood flow in diabetic mice subjected to acute ischemic kidney injury. *Am J Physiol Renal Physiol*. 2007;293(5):F1512-7.
80. Witzke O, Wiemann J, Patschan D, Wu K, Philipp T, Saller B, Mann K, Reinhardt W. Differential T4 degradation pathways in young patients with preterminal and terminal renal failure. *Horm Metab Res*. 2007;39(5):355-8.

81. Patschan D, Patschan S, Gobe GG, Chintala S, Goligorsky MS. Uric acid heralds ischemic tissue injury to mobilize endothelial progenitor cells. *J Am Soc Nephrol.* 2007;18(5):1516-24.
82. Elitok S, Brodsky SV, Patschan D, Orlova T, Lerea KM, Chander P, Goligorsky MS. Cyclic arginine-glycine-aspartic acid peptide inhibits macrophage infiltration of the kidney and carotid artery lesions in apo-E-deficient mice. *Am J Physiol Renal Physiol.* 2006;290(1):F159-66.
83. Patschan D, Plotkin M, Goligorsky MS. Therapeutic use of stem and endothelial progenitor cells in acute renal injury: ça ira. *Curr Opin Pharmacol.* 2006;6(2):176-83.
84. Patschan D, Kribben A, Pietruck F, Lutz J, Binek M, Philipp T, Heemann U, Witzke O. OKT3 therapy in addition to tacrolimus is associated with improved long-term function in patients with steroid refractory renal allograft rejection. *Nephron Clin Pract.* 2006;103(3):c94-9.
85. Patschan D, Krupincza K, Patschan S, Zhang Z, Hamby C, Goligorsky MS. Dynamics of mobilization and homing of endothelial progenitor cells after acute renal ischemia: modulation by ischemic preconditioning. *Am J Physiol Renal Physiol.* 2006;291(1):F176-85.
86. Patschan S, Li H, Brodsky S, Sullivan D, De Angelis DA, Patschan D, Goligorsky MS. Probing lipid rafts with proximity imaging: actions of proatherogenic stimuli. *Am J Physiol Heart Circ Physiol.* 2006;290(6):H2210-9.
87. Patschan S, Dolff S, Kribben A, Dürig J, Patschan D, Wilde B, Specker C, Philipp T, Witzke O. CD134 expression on CD4+ T cells is associated with nephritis and disease activity in patients with systemic lupus erythematosus. *Clin Exp Immunol.* 2006;145(2):235-42.
88. Patschan D, Witzke O, Dührsen U, Erbel R, Philipp T, Herget-Rosenthal S. Acute myocardial infarction in thrombotic microangiopathies--clinical characteristics, risk factors and outcome. *Nephrol Dial Transplant.* 2006;21(6):1549-54.
89. Pietruck F, Kribben A, Van TN, Patschan D, Herget-Rosenthal S, Janssen O, Mann K, Philipp T, Witzke O. Rosiglitazone is a safe and effective treatment option of new-onset diabetes mellitus after renal transplantation. *Transpl Int.* 2005;18(4):483-6.
90. Reinhardt W, Patschan D, Pietruck F, Philipp T, Janssen OE, Mann K, Jockenhövel F, Witzke O. Free androgen index is superior to total testosterone for short-term assessment of the gonadal axis after renal transplantation. *Horm Res.* 2005;64(5):248-52.
91. Witzke O, Baumann M, Patschan D, Patschan S, Mitchell A, Treichel U, Gerken G, Philipp T, Kribben A. Which patients benefit from hemodialysis therapy in hepatorenal syndrome? *J Gastroenterol Hepatol.* 2004;19(12):1369-73.
92. Witzke O, Patschan D, Dürig J, Lindemann M, Wenzel RR, Philipp T, Grosse-Wilde H, Kribben A. A patient without monocytes who had pulmonary renal syndrome. *American journal of kidney diseases : the official journal of the National Kidney Foundation.* 2004;44(3):556-8.
93. Grötzinger C, Kneifel J, Patschan D, Schnoy N, Anagnostopoulos I, Faiss S, Tauber R, Wiedenmann B, Gessner R. LI-cadherin: a marker of gastric metaplasia and neoplasia. *Gut.* 2001;49(1):73-81.
94. Patschan D, Loddenkemper K, Buttgerit F. Molecular mechanisms of glucocorticoid-induced osteoporosis. *Bone.* 2001;29(6):498-505.