

Literaturverzeichnis (Wissenschaftliche und Übersichtsarbeiten) von Prof. Dr. Klaus Kisters, Klinik für Innere Medizin, St. Anna-Hospital Herne

Alzheimer: Prävention mit dem Kochtopf
Uwe Gröber, Klaus Kisters, Jörg Spitz
OM – Zs. f. Orthomol. Med. 2015; 2: 15-18

Provoked metabolic- and Mg changes in CFS patients and in a healthy Mg substituted group – a quantitative survey
Sepp Porta, Harald Stossier, Harald Gell, Michael Moser, Norbert Pamminer and Klaus Kisters
Trace Elements and Electrolytes 2015; Vol. 32 – No. 3: 105-111

Changes in ionized Mg and blood gases in smokers by moderate excitement – a staff health survey
Norbert Pamminer, Sepp Porta, Harald Gell, Helga Fabian, Harald Stossier and Klaus Kisters; Trace Elements and Electrolytes 2015; Vol. 32 – No. 2: 86-90

Natriuretic Peptides, Hypertension, Heart Insufficiency and Magnesium
K Kisters, B Gremmler and U Gröber
Adv Tech Biol Med 2015; S2: 1-2

Magnesium in Prevention and Therapy
Uwe Gröber, Joachim Schmidt and Klaus Kisters; Nutrients 2015; 7, 8199-8226

Vitamin K: an old vitamin in a new perspective
U Gröber, J Reichrath, MF Holick and K Kisters
Dermato-Endocrinology 2014/2015; 6: 1-6, (e-pub)

Vitamin K: an old vitamin in a new perspective.
Gröber U, Reichrath J, Holick MF, Kisters K. Dermatoendocrinology 2015; 6 (1): E 968490

Jobs with mostly mental workload may lead to difficulties in oxygen and magnesium liberation into tissues – a staff health survey.
Pamminer N, Porta S, Gell H, Fabian H, Stossier H, Kisters K. Trace Elements and Electrolytes 215; 32 (1):1-7

Magnesium and vitamin D are synergistic – vitamin D resistance in magnesium deficiency in hypertension and diabetes mellitus.
Kisters K, Baraliakos X, Tokmak F, Gremmler B, Gröber U. Trace Elem and Electrolytes 2015; 32 (1): 42

Vitamin B12 Mangel.
Kisters, K. Der Allgemeinsarzt 2015; 6: 4-12

Gehirndoping mit Vitaminen und anderen Mikronährstoffen?
Gröber U, Kisters K. Pharmakon 2015; 3: 2-8

Selenium supplementation in radiotherapy patients: do we need to measure selenium levels in serum or blood regularly prior radiotherapy?
Mücke R, Micke O, Schomburg L, Kisters K, Büntzel J, Hübner J, Kriz J. Radiat Oncol. 2014 Dec 16;9 (1): 289

Magnesium und kardiovaskuläre Erkrankungen: Update 2015.

Kisters K, Gremmler B, Tokmak F, Classen HG, Gröber U. Nieren- und Hochdruckkrkh 2014; 43 (12): 507-513

Korrelative Stoffwechsel-, Elektrolyt- und Blutdruckmessungen erlauben frühe Diagnosen und schützen vor Beurteilungsartefakten.

Porta S, Moser M, Pichlkastner K, Gell H, Sadjak A, Gremmler B, Baraliakos X, Kisters K. Nieren- und Hochdruckkrkh 2014; 43 (3): 119-125

Vitamin D stärkt gesunde Knochen nicht – wirklich? Trotz Meta-Analyse auf dem Holzweg!
Gröber U, Barvencik F, Reichrath J, Kisters K, Holick MF. Nieren- und Hochdruckkrkh 2014; 43 (1): 23-26

Magnesium, Vitamin D und Interleukin-Spiegel bei Patienten mit Hypertonie und Diabetes mellitus Typ IIb.

Kisters K, Gremmler B, Tokmak F, Kask B, Baraliakos X, Hausberg M, Gröber U. Nieren- und Hochdruckkrkh 2013 ; 42 (11): 483-488

Rückgang der hochdruckbedingten diastolischen Relaxationsstörung durch Ranolazin – die Rolle der Hemmung des späten Natriumeinstroms.

Gremmler B, Kisters K. Nieren- und Hochdruckkrkh 2013; 42 (4): 182-187

Magnesium und Interleukine.

Baraliakos X, Kask B, Karakostas P, Braun J, Kisters K. Nieren- und Hochdruckkrkh 2013; 42 (1): 27-28

Magnesium and blood pressure in critically ill.

Kisters K, Gremmler B, Tokmak F, Gröber U, Hausberg M. Trace Elem Electrolyt 2014; 31 (3): 14

Magnesium in head and neck cancer – update 2013.

Büntzel J, Kisters K, Mücke R, Hunger R, Micke O. Trace Elem Electrolyt 2014; 31 (2): 82-83

Magnesium, interleukins, and vitamin D deficiency in patients with diabetes mellitus type IIb and hypertension.

Kisters K, TGremmler B, Gröber U, Hausberg M. Trace Elem Electrolyt 2014; 31 (2): 84

Nutritional support for head and neck cancer patients before irradiation – a pilot project for malnutrition risk group.

Büntzel J, Büntzel H, Micke O, Mücke R, Kisters K, Hübner J, Schäfer U, Böhme R, Öhler W. Trace Elem Electrolyt 2014; 31 (1): 1-5

Gehirndoping mit Vitaminen und anderen Mikronährstoffen?

Gröber U, Kisters K, Schmidt J. Zs. f. Orthomol. Med. 2014; 4: 5-10

Micronutrients in Diabetology: complementary medicine update 2014.

Gröber U, Kisters K, Schmidt J. Med Monatsschr Pharm. 2014 Aug; 37 (8): 284-292

Die Bedeutung von Magnesium für Insulinresistenz, metabolisches Syndrom und Diabetes mellitus – Empfehlungen der Gesellschaft für Magnesium-Forschung e.V.

von Ehrlich B, Barbagallo M, Classen HG, Guerrero Romero F, Mooren FC, Rodriguez-Moran , Vierling W, Vormann J, Kisters K. Diabetologie u. Stoffwechsel 2014; 9: 96-100

Multicenter, phase III trial comparing selenium supplementation with observation in gynecologic radiation oncology; follow-up analysis of the survival data 6 years after cessation of randomization.

Mücke R, Micke O, Schomburg L, Glatzel M, Eichl B, Kisters K, Schaefer U, Hübner J, Eich HT, Fakharian K, Adamitz IA, Büntzel J; German Working Group Trace Elements and electrolytes in Oncology-AKTE. *Integr Cancer Ther.* 2014 Nov; 13 (6): 473-467

Vitamine C und D, Selen und Carnitin.

Gröber U, Holzhauser P, Kisters K. *Deutsche Apotheker Zeitung* 2014; 154 (13): 40-44

Mikronährstoffe während der Krebstherapie.

Gröber U, Holzhauser P, Kisters K. *Deutsche Zeitschrift für Onkologie* 2014; 46: 104-111

Hypercalcämie am Lebensende.

Büntzel J, Büntzel H, Kisters K. *Deutsche Zeitschrift für Onkologie* 2014; 46: 134-137

Vitamin B12 Mangel.

Kisters K. *Der Allgemeinarzt* 2014; 36 (10): 51-58

Neurologische Erkrankungen unter dem Aspekt des Vitamin B12 Mangels.

Gröber U, Kisters K. *Die Naturheilkunde* 2014; 4: 21-23

Dünger für die Intelligenz?

Gröber U, Kisters K. *Deutsche Apothekerzeitung* 2014; 154 (32): 64-69

Die Herzhelfer.

Gröber U, Kisters K. *Deutsche Heilpraktikerzeitung* 2014; 4: 34-37

Ein altes Vitamin in neuem Licht.

Gröber U, Kisters K. *Deutsche Apothekerzeitung* 2014; 144 (21): 56-60

Achtung, Lippenherpes.

Gröber U, Kisters K. *PTAheute* 2014; 8: 68-73

Elektrolyte und Hypertonie.

Kisters K. Fortbildungsveranstaltung der Deutschen Hypertonie-Akademie 2013; 1: 2-35

(Un)nötige Vitamin D Gabe.

Gröber U, Holick MF, Kisters K, Barvencik F. *Deutsche Apothekerzeitung* 2013; 153 (47): 38-41

Multitalent Magnesium.

Gröber U, Kistes K. *PTAheute* 2013; 20: 72-76

Magnesium in der Prävention und Therapie von Herz-Kreislauf-Erkrankungen – Update 1013.

Kisters K, Gröber U. *Zs. f. Orthomol. Med.* 2013; 3: 12-15

Individuelle Stoffwechselreaktionen.

Porta S, Lercher P, Gell H, Pichelkastner K, Stocker H, Kastner A, Kisters K. *Sport- u. Präventivmedizin* 2013; 2: 19-23

Mangelernährung.

Gisinger C, Gröber U, Kisters K, Maier M, Rebhandl E, Wolfrum E. ADAJournal 2013; 121 (5): 6-8

Komplementärer Einsatz von Antioxidanzien und Mikronährstoffen in der Onkologie. Update 2013.

Gröber U, Mücke R, Adamietz IA, Holzhauer P, Kisters K, Büntzel J, Micke O. Der Onkologie 2013; 2: 136-143

Mangelernährung?

Gröber U, Kisters K. ADAJournal 2013; 5: 6-7

Evidence of progress and success of Mg substitution by correlating Mg dynamics and metabolic parameters.

Porta S, Gell H, Pichelkastner K, Porta J, von Ehrlich B, Vormann J, Rinner E, Nievoll J, Kisters K. Trace Elem Electrolyt. 2013; 30 (3): 87-93

A system of changes of ionized blood Mg through sports and supplementation.

Porta S, Gell H, Pichelkastner K, Porta J, von Ehrlich B, Vormann J, Stossier H, Kisters K. Trace Elem Electrolyt. 2013; 30 (3): 105-107

Vitamin D: Update 2013: From rickets prophylaxis to general preventive healthcare.

Gröber U, Spitz J, Reichrath J, Kisters K, Holick MF. Dermatoendocrinol. 2013 Jun 1; 5 (3): 331-347

Vitamin D: Update 2013.

Gröber U, Spitz J, Holick FM, Kisters K. Deutsche Apotheker Zeitung 2013; 153 (15): 28-36

Magnesium in health and disease.

Kisters K, Gröber U. Plant Soil 2013; 368: 155-165

Neuroenhancement with vitamin B-12-underestimated neurological significance.

Gröber U, Kisters K, Schmidt J. Nutrients 2013 Dec 12; 5 (12): 5031-5045

Effect of aliskiren on post-discharge outcomes among diabetic and non-diabetic patients hospitalized for heart failure: insights from the ASTRONAUT trial.

Maggioni AP, Greene SJ, Fonarow GC, Böhm M, Zannad F, Solomon SD, Lewis EF, Kisters K (investigator), Baschiera F, Hua TA, Gimpelewicz CR, Lesogor A, Gheorghiadu M; ASTRONAUT Investigators and Coordinators. Eur Heart J. 2013 Oct; 34 (40): 3117-3127

Lowered magnesium in hypertension.

Kisters K, Gröber U. Hypertension. 2013 Oct; 62 (4): e19.

What is the correct magnesium supplement?

Kisters K. Magnes Res. 2013 Jan-Febr; 26 (1) : 41-42

Reduction of hypertension induced diastolic relaxation disorder by Ranolazine – role of late sodium influx inhibition.

Gremmler B, Kisters K. Trace Elem Electrolyt 2013 ; 30 (2) : 66-69

The effects of antioxidative treatment upon electrolyte and metabolic reactions of a chronically stressed group.

Stossier H, Porta S, Gell H, Porta J, Kisters K. Trace Elem Electrolyt 2013 ; 30 (1) : 1-6

Magnesium deficiency and therapy in cardiac arrhythmias: recommendations of the German Society for Magnesium Research.

Vierling W, Liebscher DH, Micke O, von Ehrlich B, Kisters K. Dtsch Med Wochenschr. 2013 Mai; 138 (22): 1165-1171

Micronutrients in oncology. Current data about vitamin D, selenium, L-carnitine and vitamin C.

Gröber U, Mücke R, Holzhauser P, Kisters K. Med Monatsschr Pharm. 2013 Apr; 36 (4): 133-143.

Selenium and hypertension: do we need to reconsider selenium supplementation in cancer patients?

Micke O, Schomburg L, Kisters K, Güntzel J, Hübner J, Mücke R. J Hypertens. 2013 May; 31 (5): 1049-1050.

Impact of treatment planning target volumen (PTV) size on radiation induced diarrhoea following selenium supplementation in gynecologic radiation oncology- a subgroup analysis of a multicenter. Phase III treat.

Mücke R, Micke O, Schomburg L, Büntzel J, Glatzel M, Baaske D, Berndt-Skorka R, Prott FJ, Reichl B, Kisters K, Schäfer U, Hübner J, Eich HAT, Kundt G, Adamietz IA. Radiat Oncol. 2013 Mar 25; 8: 82

Effect of aliskiren on postdischarge mortality and heart failure readmissions among patients hospitalized for heart failure: the ASTRONAUT randomized trial.

Gheorghiade M, Böhm M, Greene SJ, Fonarow GC, Lewis EF, Zannad F, Solomon SD, Baschiera F, Botha J, Hua TA, Gimpelewicz CR, Jaumont X, Lesogor A, Maggioni AP; ASTRONAUT Investigators (Kisters K) and Coordinators. Jama. 2013 Mar 20; 309 (11): 1125-1135

Blockade of the NMDA receptor, regulation of the calcium flux.

Pollet S, Ermidou Pollet S, Jarolim-Maudanz M, Baraliakos X, Kisters K. Trace Elem Electrolyt. 2013; 30 (2): 59-65

Tubulointerstitial nephritis witz uveitis (TINU) syndrome. A relatively rare rheumatological differential diagnosis with unexplained uveitis.

Häusler U, Guminski B, Helmchen U, Kisters K, Heinz C, Braun J. Z Rheumatol. 2013 May; 72 (4): 393-397

Autotransplantation for the treatment of severe renal artery stenosis in a solitary kidney after repeated percutaneous transluminal angioplasty: a case report.

Quang MN, Krüger B, Wenning M, Krüger CD, Tokmak F, Kisters K, Wunsch A, Schenker P, Viebahn R, Krämer BK. Clin Nephrol. 2012 Nov; 78 (5): 418-422

Neues Sedierungsverfahren bei der TEE (Hypertensive Herzerkrankung) – i.v. Gabe von Lormetazepam.

Cziborra M, Krüper A, Kisters K. Nieren- und Hochdruckkrkh 2012; 41 (7); 322-323

Magnesium und Endothelfunktion.

Kisters K, Wessels F, Brass H. Nieren- und Hochdruckkrkh 2012; 41 (5): 199-200

Magnesium und Endothelfunktion.

Kisters K, Blanke H, Hausberg M. Nieren- und Hochdruckkrkh 2012; 41 (5): 209-213

Magnesium und Vitamin D bei Hypertonie.

Gröber U, Kisters K, Holick MF. Nieren- und Hochdruckkrkh 2012; 41 (2): 78-80

Magnesium in der Onkologie: neue Aspekte eines vergessenen Kations.

Micke O, Büntzel J, Hunger R, Mücke R, Adamietz IA, Kisters K. Nieren- und Hochdruckkrkh 2012; 41 (1): 18-24

Diagnostic and prognostic role of the Ca/Mg (ion.) quotient in sport.

Porta S, Gell H, Holzer J, Porta J, Gasser R, Kisters K. Trace Elem Electrolyt 2012; 29 (4): 227-231

Metabolic changes in Mg-deficient village counsellors after a session.

Porta S, Gell H, Kastner A, Durnig A, Porta J, Kisters K. Trace Elem Electrolyt 2012; 29 (3): 194-200

Metabolic changes and hypomagnesaemia.

Porta S, Gell H, Sadjak A, Bacher H, Kisters K. Trace Elem Electrolyt 2012; 29 (3): 206-211

Magnesium therapy in borderline hypertension.

Kisters K, Wessels F, Nguyen MQ, Mitchell A, Gremmler B, Funke C, Baraliakos X, Kask B, Hausberg M, Hunger R, Liebscher DH, Liebscher U, Tokmak F. Trace Elem Electrolyt 2012; 29 (2): 113-116

Nutritional status and prognosis of head and neck cancer disease.

Büntzel J, Krauß T, Büntzel H, Küttner K, Fröhlich D, Öhler W, Glatzel M, Wackes M, Putziger J, Micke O, Kisters K, Mücke R. Trace Elem Electrolyt 2012; 29 (2): 132-136

Treatment of hot flushes in tumor patients with hormonal deprivation by magnesium – new aspects of a forgotten cation in oncology.

Micke O, Hunger R, Büntzel J, Mücke R, Glatzel M, Kisters K. Trace Elem Electrolyt 2011; 28 (3) 139-142

Influence of erythropoietin on arterial stiffness and endothelial function in renal transplant recipients.

Bartels V, Hillebrand U, Kosch M, Hausberg M, Kisters K, Di Marco GS, Reiermann S, Pavenstaedt H, Lang D. Am J Nephrol. 2012; 36 (4): 355-361

Drug-induced magnesium deficiency.

Classen HG, Gröber U, Kisters K. Med Monatsschr Pharm. 2012 Aug; 35 (8): 274-280

Influence of drugs on vitamin D and calcium metabolism.

Gröber U, Kisters K. Dermatoendocrinol. 2012 April 1; 4 (2): 158-66.

Vitamin D und Arzneimittel.

Gröber U, Kisters K. Schweizer Zeitschrift für Ernährungsmedizin 2012; 5: 35-41

Nutritional parameters for patients with head and neck cancer.

Micke O, Kisters K, Mücke R. Antacancer Res. 2012 May; 32 (5): 2119-2123

Vitamin D und Mg bei Hypertonie.

Gröber U, Kisters K. Deutsche Apothekerzeitung 2012; 152 (11): 4900-4901

Magnesium-Stoffwechselkorrelationen als Diagnose und Prognose beim Sport und bei Hypertonikern.

Porta S, Gell H, von Ehrlich B, Porta J, Walzl M, Kisters K. J Hyperton 2012; 16 (4): 18-22

Der Einfluss von Arzneimitteln auf den Vitamin D Haushalt.

Gröber U, Kisters K. Forum aktuell 2012; 3: 4-5

Seleneinsatz in der gynäkologischen Onkologie.

Mücke R, Adamietz I.A, Micke O, Gröber U, Holzhauser P, Kisters K, Hübner J, Prött F.J, Schäfer U, Büntzel J. Frauenarzt 2012; 53 (9): 840-845

Diabetes und Vitamin D.

Gröber U, Kisters K. Deutsche Apothekerzeitung 2012; 152 (31): 3000-3003

Vitamin D and drugs.

Gröber U, Holick MF, Kisters K. Med Monatsschr Pharm. 2011 Oct; 34 (10): 388-387

Selenium in radiation oncology – experiences and prospects.

Mücke R, Micke O, Schomburg L, Büntzel J, Kisters K, Adamietz IA. Trace Elem Electrolyt 2011; 28 (3): 168-177

The role of ionized magnesium in metabolic changes during 54 hours of exhaustive sleep deprivation a case report.

Porta S, Walzl M, Kisters K, Korisek G, Pichlkastner K, Gell H, Porta J. Trace Elem Electrolytes 2011; 28 (2): 83-87

Selenium substitution during radiotherapy of solid tumors.

Büntzel J, MNicke O, Kisters K, Bruns F, Glatzel M, Schönekaes, Kundt G, Schäfer U, Mücke R. Trace Elem Electrolyt 2011; 28 (2): 101-104

Stable plasma magnesium and potassium status in essential hypertensive patients with normal renal function under therapy with the renin inhibitor aliskiren.

Kistes K, Gremmler B, Nguyen MQ, Tokmak F. Trace Elem Electrolytes 2011; 28 (2): 113-115

Trace elements and tumor markers in relation to tumor volume of head and neck cancer patients.

Büntzel J, Knolle U, Micke O, Mücke R, Schäfer U, Kisters K. Trace Elem Electrolyt 2011; 28 (2): 121-123

Differences in electrolyte mismanagement between normotonic and hypertonic Type 2 diabetics detectable by correlative capillary blood evaluation.

Porta S, Kisters K, Korisek G, Desch G, Porta J, Gell H. Trace Elem Electrolyt 2011; 28 (1): 31-36

Complementary and alternative medicine (CAM) use in terminally ill patients.

Büntzel J, Büntzel H, Micke O, Kisters K, Bruns F, Glatzel M, Mücke R, Schönekaes KG, Schäfer U. Trace Elem Electrolyt 2011; 28 (1): 49-51

Magnesium metabolism and cardiovascular diseases.

Kisters K, Al-Tayar H, Nguyen MQ, Liebscher H, Wessels F, Büntzel J, Micke O, Mücke R, Gremmler, Hausberg M, Tokmak F. Trace Elem Electrolyt 2011; 28 (1): 70-73

Vitamin D und Arzneimittel.

Gröber U, Kisters K. Schweizer Zeitschrift für Ernährungsmedizin 2011; 5: 1-8

Oral magnesium supplementation improves borderline hypertension.

Kisters K. Magnes Res. 2011 Mar; 24 (1): 17

Magnesium und Vitamin D bei Hypertonie.

Gröber U, Kisters K. Zs. f. Orthomol. Med 2010 ; 4: 1-3

Die Bedeutung von Magnesium bei Diabetes mellitus.

Kisters K. Zs. f. Orthomol. Med. 2011 ; 4 : 2-3

What about magnesium substitution in radiation oncology?

Micke O, Hunger R, Büntzel J, Mücke R, Kisters K. Magnes Res. 2011 Mar; 23 (1): 57-58

Essentielle Spurenelemente in der Betreuung von Tumorpatienten.

Büntzel J, Mücke R, Kisters K, Micke O. Onkologische Pharmazie 2011; 13 (1): 8-12

Positiver Effekt einer oralen Magnesiumtherapie bei Grenzwerthypertonie.

Kisters K, Funke C, Cziborra M, Baraliakos X, Sprenger J, Platzek M, Weber A, Gremmler B, Tokmak F. Nieren- und Hochdruckkrkh 2011: 40 (12) 513-517

Magnesiummangel und –therapie bei ADHS.

Nieren- und Hochdruckkrkh 2011: Weigert A, Kisters K. Nieren- und Hochdruckkrkh 2011:40 (3): 1123-128

Bedeutung eines intakten Magnesiumhaushaltes.

Kisters K, Micke O, Weigert A, Tokmak F, Hausberg M. Nieren- und Hochdruckkrkh 2010; 39 (5): 175-176

Eine neue Möglichkeit zur Erfassung Erklärung von Stoffwechselbesonderheiten bei hypertonen Typ-2-Diabetikern.

Porta S, Desch W, Korisek G, Kisters K, Porta J, Gell H, Bratu MM. Nieren- und Hochdruckkrkh 2010; 39 (5): 220-230

Arterielle Hypertonie.

Hausberg M, Kisters K. Nieren- und Hochdruckkrkh 2010; 39 (2): 39-40

Renovasculäre Hypertonie.

Kisters K, Hausberg M. Nieren- und Hochdruckkrkh 2010; 39 (2): 41-51

Neue Wirkprinzipien in der Therapie der arteriellen Hypertonie. Reninhibitoren und Impfstoffe gegen Angiotensin II.

Hausberg M, Kisters K. Nieren- und Hochdruckkrkh 2010; 39 (2): 70-76

Magnesium Update 2010.

Kisters K, Gröber U. Deutsche Apotheker Zeitung 2010 ; 25: 46-54

Arthritis of atlanto-axial joint with inflammatory neck pain as a primary manifestation of seronegative rheumatoid arthritis.

Häusler U, Dybowski F, Wittkämper TA, Kisters, K, Godolias G, Braun J. Dtsch Med Wochenschr. 2010 Sep; 135 (36): 1720-1732

Selenium substitution during radiotherapy in head and neck cancer.

Büntzel J, Micke O, Glatzel M, Schäfer U, Riesenbeck D, Kisters K, Bruns F, Schönekaes KG, Dawczynski H, Mücke R. Trace Elem Electrolyt 2010; 27 (4): 235-239

Trace elements selenium and zinc as tumor markers in patients with advanced head and neck cancer.

Büntzel J, Knolle U, Garayev A, Mücke R, Schäfer U, Kisters K, Schönekaes KG, Hunger R, Bruns F, Glatzel M, Micke O. Trace Elem Electrolyt 2010; 28 (4): 246-249

Selenium in oncology – an update.

Micke O, Schomburg L, Büntzel J, Kisters K, Mücke R. Trace Elem Electrolyt 2010; 28 (4): 250-257

Changes in electrolyte and metabolic interactions below the hypomagnesemic threshold in type 2 diabetics.

Porta S, Korisek G, Machan B, Gaggl H, Desch G, Porta J, Schappacher G, Kisters K. Trace Elem Electrolyt 2010; 27 (3): 119-124

Blood selenium status in tumor patients.

Mücke R, Schomburg L, Büntzel J, Kisters K, Micke O. Trace Elem Electrolyt 2010; 27 (3): 181-184

A case of congenital adrenogenital syndrome with disordered magnesium metabolism.

Kisters K, Brylak S, Gremmler B, Nguyen MQ, Krämer B, Cziborra M, Tokmak F. Trace Elem and Electrolyt 2010; 27 (1): 46

Limited effects of selenium substitution in the prevention of radiation-associated toxicities. results of a randomized study in head and neck cancer patients.

Büntzel J, Riesenbeck D, Glatzel M, Berndt-Skorka R, Riedel T, Mücke R, Kisters K, Schönekaes KG, Schäfer U, Bruns F, Micke O. Anticancer Res. 2010 May; 30 (5): 1829-1832

Selenium substitution during radiotherapy of solid tumours – laboratory data from two observation studies in gynaecological and head and neck cancer patients.

Büntzel J, Micke O, Kisters K, Bruns F, Glatzel M, Schönekaes K, Kundt G, Schäfer U, Mücke R. Anticancer Res. 2010 May; 30 (5): 1783-1786

Selenium or no selenium – that is the question in tumor patients: a new controversy.

Mücke R, Schomburg L, Büntzel J, Kisters K, Micke O; German Working Group Trace Elements and Electrolytes in Oncology. Integr Cancer Ther. 2010 Jun; 9 (2): 136-141

A 58-year-old hypertensive patient with primary hyperaldosteronism and renal artery stenosis.

Nguyen Quang M, Krüger B, Krüger CD, Walberer A, Schenck B, Kisters K, Wenning M, Krämer BK. Med Kl in (Munich). 2010 Apr; 105 (4): 276-280

Ulticenter, phase 3 trial comparing selenium supplementation with observation in gynecologic radiation oncology.

Mücke r, Schomburg L, Glatzel M, Berndt-Skorka R, Baaske D, Büntzel J, Kundt G, Prott FJ, Devries A, Stoll G, Kisters K, Bruns F, Schäfer U, Willich N, Mücke O; German Working Group Trace Elements and Electrolytes in Oncology-AKTE. Int J radiat Oncol Biol Phys. 2010; 42: 198-205

Complementary and alternative medicine in lung cancer patients: a neglected phenomenon?
Micke O, Buntzel J, Kisters K, Schäfer U, Micke P, Mücke R. *Front Radiat Ther Oncol.* 2010; 42: 198-205

Der Magnesiumhaushalt in der Inneren und Intensivmedizin.

Kisters K, Cziborra M, Funke C, Kozińska J, Nguyen MQ, Tokmak F, Krämer B, Gremmler B, Hausberg M, Micke O, Buntzel J, Mücke R, Liebscher DH. *Nieren- und Hochdruckkrkh* 2010; 39 (5): 182-194

Limited effects of selenium substitution in the prevention of radiation-associated toxicities. Results of a randomized study in head and neck cancer patients.

Buntzel J, Riesenbeck D, Glatzel M, Berndt-Skorka R, Riedel T, Mücke R, Kisters K, Schönekaes K, Schäfer U, Bruns F, Micke O. *Anticancer Res.* 2010; 30 (5); 1829-1832

Selenium substitution during radiotherapy of solid tumours – laboratory data from two observation studies in gynaecological and head and neck cancer patients.

Buntzel J, Micke O, Kisters K, Bruns F, Glatzel M, Schönekaes K, Kundt G, Schäfer U, Mücke R. *Anticancer Res.* 2010; 30 (5); 1783-1786

Selenium or no selenium – that is the question in tumor patients: a new controversy.

Mücke R, Schomburg L, Buntzel J, Kisters K, Micke O; German Working Group Trace Elements and Electrolytes in Oncology. *Integr Cancer Ther.* 2010; 9 (2): 136-141

What about magnesium substitution in radiation oncology?

Micke O, Hunger R, Buntzel J, Mücke R, Kisters K. *Magnes Res* 2010; 105 (4): 57-58

Multicenter, phase 3 trial comparing selenium supplementation with observation in gynecologic radiation oncology.

Mücke R, Schomburg L, Glatzel M, Berndt-Skorka R, Baaske D, Reichl B, Buntzel J, Kundt G, Prott FJ, Devries A, Stoll G, Kisters K, Bruns F, Schäfer U, Willich N, Micke O; German Working Group Trace Elements and Electrolytes in Oncology-AKTE. *Int J Radiat Oncol Biol Phys.* 2010; 78 (3); 828-835

Complementary and alternative medicine in lung cancer patients: a neglected phenomenon?
Micke O, Buntzel J, Kisters K, Schäfer U, Micke P, Mücke R. *Front Radiat Ther Oncol.* 2010; 42: 198-205

Leitlinie Magnesium und Diabetes.

von Ehrlich B, Barbagallo M, Classen HG, Guerrero-Romero F, Kisters K, Rodriguez-Moran M, Vormann J, Weigert A, Vierling W. *Nieren- und Hochdruckkrkh* 2009; 38 (12): 633-635

Lead, smoking and peripheral vascular function.

Kisters K, Gremmler B, Hausberg B. *Hypertension* 2008

Relationship between sympathetic activity and inflammation.

Hausberg M, Kisters K, Hillebrand U. *Journal of Hypertension* 2008

Hypertension, magnesium deficiency and an increased carotid intima media thickness.

Kisters K, Al-Tayar H, Liebscher H, Cziborra M, Wesse F, Buntzel J, Q-Nuygen M, Micke O, Tokmak F, Gremmler B, Hausberg M. *Trace Elements and Electrolytes* 2008; 25 (1): 41-44

Disturbed magnesium transporters in hypertension.

Kisters K, Gremmler B, Hausberg M. Journal of Hypertension 2008

Erhöhte intrazelluläre Calcium- und Natriumkonzentrationen in glatten Gefäßmuskelzellen junger spontan hypertensiver Ratten (SHR).

Kisters K, Gremmler B, Cziborra M, Funke C, Hausberg M, Büntzel J, Tokmak F. Nieren- und Hochdruckkrankheiten 2008; 37 (7): 311-316

Improvement of hypertension-induced diastolic dysfunction under sustained released dipyridamole.

Gremmler B, Kisters K, Hausberg M, Kunert M, Ulbricht LJ. Trace Elements and Electrolytes 2008; 25 (1): 31-34

Renovasculäre Hypertonie – Update und neue Studien.

Hausberg M, Lang D, Köhler M, Kisters K, Hillebrand U. Der Internist 2008; 49 (3): 18-24

Addressing sympathetic overactivity in major depressive disorder.

Hausberg M, Hillebrand U, Kisters K. Journal of Hypertension 2007; 25 (10): 2004-2005

Stable plasma magnesium status in essential hypertensive patients treated with angiotensin II antagonists (A follow-up study).

Kisters K, Rempel V, Kabar I, Cziborra M, Funke C, Wessels F, Tokmak F, Gremmler B, Büntzel J, Liebscher H, Hausberg M. Trace Elements and Electrolytes 2007; 24 (4): 244-247

Decreased mineral metabolism parameters (magnesium and phosphate) and elevated pulse pressure in hypertension (Letter).

Kisters K, Gremmler B, Tokmak F, Cziborra M, Funke C, Hausberg C. Clinical Nephrology 2007; 68 (2): 130-131

Linked increased calcium and sodium in SHR of young age versus age-matched WKY.

Kisters K, Krefting ER, Gremmler B, Cziborra M, Hausberg M, Tokmak F. Trace Elements and Electrolytes 2007; 24 (3): 173-177

The clinical importance of a magnesium deficiency (Letter).

Kisters K, Cziborra M, Funke C, Liebscher A, Liebscher DH. Trace Elements and Electrolytes 2007; 24(4): 254

Positive effect of N-acetylcysteine in theophylline intoxication (Letter).

Kisters K, Cziborra M, Funke C, Tokmak F, Hausberg M. Clinical Nephrology 2007; 68 (4): 266

Bedeutung des Magnesiumhaushaltes für den sportlich aktiven Hypertoniker.

Kisters K, Chevreux W. Nieren- und Hochdruckkrankheiten 2007; 36 (11) 540-543

A case of pheochromocytoma symptomatic after delivery.

Kisters K, Franitza P, Hausberg M. Journal of Hypertension 2007; 25 (9): 1977

Bedeutung der Elektrolyte in der Onkologie.

Kisters K, Büntzel J. Deutsche Zeitschrift für Onkologie 2007; 39: 65-74

Effects of several AT1-receptor antagonists in the therapy of ACE-inhibitors pretreated patients with severe heart failure.

Gremmler B, Kisters K, Kunert M, Schleiting H, Ulbricht LJ. Acta Cardiologica 2007; 62 (4): 321-328

Zinc concentrations in serum during head and neck cancer progression.

Büntzel J, Bruns F, Glatzel M, Garayjev A, Mücke R, Kisters K, Schäfer U, Schönekaes K, Micke O. Anticancer Research 2007; 27 (4a): 1941-1943

Some clinical aspects on selenium in radiation oncology.

Micke O, Mücke R, Bruns F, Kisters K, Büntzel J. Strahlentherapie und Onkologie 2007; 183 (6): 344-345

Magnesium deficiency and diabetes mellitus (Letter).

Kisters K, Gremmler B, Koziánka J, Hausberg M. Clinical Nephrology Jan, 2006; 65 (1): 77-8

Magnesium and arterial stiffness (Letter).

Kisters K, Gremmler B, Hausberg M. Hypertension Feb, 2006; 47 (2): e3 (E pub)

Preventing pregnancy-induced hypertension: the role of calcium and magnesium (Letter).

Kisters K, Gremmler B, Hausberg M. Journal of Hypertension. Jan; 2006; 24 (1)

Adiponectin, magnesium and arteriell stiffness (Letter).

Kisters K, Liebscher H, Gremmler B, Hausberg M. Trace Elements and Electrolytes 2006; (3): 230

Sport für Sportmuffel.

Kisters K. Druckpunkt 2006; 3: 22-24

Der Magnesiumhaushalt.

Kisters K, Funke C, Franitzka P, Tokmak F, Gremmler B, Liebscher H, Hunger R, Hausberg M, Büntzel J. Nieren- und Hochdruckkrankheiten 2006; 35 (5): 191-197

Hypertonie, Magnesiummangel und Intima-media-Dicke.

Kisters K, Al-Tayar H, Koziánka J, Funke C, Franitzka P, Gremmler B, Wessels F, Liebscher H, Tokmak F, Hausberg M, Büntzel J. Nieren- und Hochdruckkrankheiten 2006; 35 (3): 99-102

Candesartan in Kombination mit ACE-Hemmern: Kalium- und Kreatinin-Stoffwechsel bei Patienten mit schwerer Herzinsuffizienz oder Hypertonie.

Gremmler B, Kisters K. Nieren- und Hochdruckkrankheiten 2006; 35 (19): 443-447

Magnesium und kardiovaskuläre Erkrankungen.

Kisters K. Zeitschrift für Orthomolekulare Medizin 2: 28-29 (2006)

Hypertonie und der Magnesiumhaushalt

Kisters K, Cziborra M, Funke C, Wessels F, Franitzka P, Hausberg M, Tokmak F, Gremmler B, Hunger R, Liebscher H, Büntzel J. Nieren- und Hochdruckkrankheiten 2006; (11) 499-505

Wirkung von Magnesium bei Hypertonie.

Kisters K. Zeitschrift für Orthomolekulare Medizin 2006; 2: 12-15

Scavenging of free radicals and the late toxicity of radio-chemotherapy in head and neck cancer patients.

Büntzel J, Glatzel M, Mücke R, Bruns F, Kisters K, Micke O. Trace Elements and Electrolytes 2006; 23 (3): 181-185

Selenium as radioprotector in head und nack cancer patients – first clinical results.
Büntzel J, Glatzel M, Kisters K, Mücke R, Bruns F, Schönekaes K, Micke O. Trace Elements and Electrolytes 2006; 23 (3): 178-180

Sodium selenite in gynecologic radiation oncology – results of a prospective randomised observation study.

Mücke R, Glatzel M, Reichl B, Bernd-Skorka R, Büntzel J, Bruns F, Kisters K, Prott FJ, Micke O. Trace Elements and Electrolytes 2006; 23 (3): 173-177

Some clinical results on seleneium in radiation oncology.

Micke O, Mücke R, Bruns F, Kisters K, Büntzel J. Strahlenther Onkol 2006; 182: 693-695

Complementary and alternative medicine experience in radiation oncology patients: first results of a multi-center approach.

Bruns F, Glatzel M, Schönekaes K, Riesenbecke D, Mücke R, Büntzel J, Micke P, Schäfer U, Kisters K, Micke O. Trace Elements and Electrolytes 2006; 23 (4): 318-325

Sympathic nerve activity in renal transplant patients before and after withdrawal of cyclosporine.

Hausberg M, Lang D, Levers A, Suwelack B, Kisters K, Tokmak F, Barenbrock M, Kosch M. Journal of Hypertension 2006; 24 (5): 957-964

Magnesium und Pulsdruck bei Hypertonie.

Kisters K, Hoffmann O, Hausberg M, Funke C, Kozianka J, Gremmler B. Nieren- und Hochdruckkrankheiten 2005; 34 (10): 455-457

Zinc and pyoderma gangrenosum (Letter).

Kisters K. Trace Elements and Electrolytes 2005; 22 (2): 150

Magnesium and arterial stiffness (Letter).

Kisters K, Gremmler B, Hausberg M. Hypertension 5 (E pub) 2005

Angiotensin receptor blockers and magnesium status in essential hypertension (Letter).

Kisters K, Gremmler B, Hausberg M. American Journal of Hypertension 2005; (12 Pt 1): 1636

Magnesium and hypertension.

Kisters K, Hoffmann O, Hausberg M, Qnang-Nguyen M, Micke O, Gremmler B, Büntzel J. Journal of Elementology 2005; 10 (4): 43-35

Early onset of a decreased intracellular magnesium and phosphate concentration in smooth muscle cell of SHR.

Kisters K, Wessels F, Krefting ER, Gremmler B, Quang Nguyen M, Kozianka J, Franitza P, Tokmak F, Hausberg M. Magnesium Research 2005; 18 (4): 207-213

Increased calcium/magnesium ratio in young and old spontaneously hypertensive rats: Pathogenetic factor in the development of hypertension and vascular fibrosis (Letter).

Kisters K, Tokmak F, Gremmler B, Kosch M, Hausberg M. American Journal of Hypertension 2005; 18 (2): 295

Evaluation der Knochendichte bei nierentransplantierten Frauen.

Kisters K, Hillebrand U, Kosch M, Hausberg M. Nieren- und Hochdruckkrankheiten 2005; 34 (5): 195-198

Pulse pressure, plasma magnesium status, and antihypertensive therapy (Letter).

Kisters K, Gremmler B, Hausberg M. American Journal of Hypertension 2005; 18 (8): 1136

NT-pro-BNP values in black and caucasian hypertensive patients (Letter).

Gremmler B, Ulbricht J, Hausberg M, Kisters K. Trace Elements and Electrolytes 2005; 22 (4): 316

Plasma magnesium status and pulse pressure in essential hypertension.

Kisters K, Hoffmann O, Hausberg M, Quang-Nguyen M, Micke O, Gremmler B. Trace Elements and Electrolytes 2005; 22 (4): 254-256

Iron and iron-related parameters in oncology.

Könemann S, Bölling T, Matzkies F, Willich N, Kisters K, Micke O. Trace Elements and Electrolytes 2005; 22 (2): 211-215

Amifostine and selenium during simultaneous radiochemotherapy in head and neck cancer – redox status data.

Büntzel J, Micke O, Mücke R, Glatzel M, Schönekaes KG, Schäfer U, Kisters K, Bruns F. Trace Elements and Electrolytes 2005; 22 (3): 142-149

Does a correlation of NT-pro-BNP-values exist in comparison to pulse pressure-values?

Gremmler B, Kisters K, Kunert M, Schleiting H, Ulbricht LJ. Trace Elements and Electrolytes 2005; 22 (1): 62-65

Trace elements supplementation in radiation oncology – an empirical study assessing the quality of health information for consumers on the World Wide Web in Germany.

Bruns F, Mücke R, Büntzel J, Kisters K, Micke O. Trace Elements and Electrolytes 2005; 22 (4): 311-315

Does a correlation of NT-pro-BNP values exist in comparison to pulse pressure values?

Gremmler B, Kisters K, Kunert M, Schleiting H, Ulbricht LJ. Trace Elements and Electrolytes 2005; 22 (1) 62-65

Reduced bone mineral density in renal transplanted women – a link to high blood pressure and possibly a disturbed calcium handling.

Kisters K, Tokmak F, Hillebrand U, Kosch MA, Dietl KH, Hausberg M. Trace Elements and Electrolytes 2004; 21 (3): 190-193

Early-onset increased calcium and decreased magnesium concentrations and an increased calcium/magnesium ration in SHR versus WKY.

Kisters K, Wessels F, Tokmak F, Krefting ER, Gremmler B, Kosch M, Hausberg M. Magnesium Research 2004; 17 (4): 264-269

Increased calcium and decreased magnesium concentrations and an increased calcium/magnesium ratio in spontaneously hypertensive rats versus Wistar-Kyoto rats: relation to arteriosclerosis.

Kisters K, Wessels F, Küper H, Tokmak F, Krefting ER, Gremmler B, Kosch M, Barenbrock M, Hausberg M. American Journal of Hypertension 2004; 17 (1): 59-62

Selenium in the treatment of head and neck lymphedema.

Bruns F, Büntzel J, Mücke R, Schönekaes K, Kisters K, Micke O. *Med Princ Pract.* 2004; 13 (4): 185-190

Iron and ferritin status in hemodialysis patients under darbepoetin alfa therapy.

Tokmak F, Kisters K, Rattensperger D, Schieren G, Weiner S, Rump LC. *Trace Elements and Electrolytes* 2004; 21(4): 274-276

The role of electrolytes and NT-proBNP determination in cases of severe heart failure drug treatment .

Gremmler B, Kisters K, Funke C, Schleiting H, Kunert M, Ulbricht LJ. *Trace Elements and Electrolytes* 2004; 21(3): 206

Sodium selenite in gynaecologic radiation oncology – first results of a phase III study.

Mücke R, Glatzel M, Riesenbeck D, Bernd-Skorka R, Seifert G, Büntzel J, Schönekaes KG, Bruns F, Kisters K, Micke O. *Trace Elements and Electrolytes* 2004; 21 (2): 78-82

Letter to the Editor, Reply-letter.

Kisters K. *Clinical Nephrology* 2003; 60 (5): 372

Fluvastatin therapy and endothelium-dependent brachial artery vasodilation and electrolytes in patients after kidney transplantation (a 3-years follow-up) (Letter).

Kisters K, Kosch M, Tokmak F, Hausberg M. *Trace Elements and Electrolytes* 2003; 20 (4)

Role of the Na⁺/Mg⁺⁺ exchanger in hypertension (Letter).

Kisters K, Tokmak F, Kosch M, Hausberg M. *American Journal of Hypertension* 2003; 16 (1): 95-96

Combined antihypertensive therapy improves moderate heart failure (Letter).

Gremmler B, Ulbricht L, Kosch M, Hausberg M, Kisters K. *Journal of Hypertension* 2003; 21 (11): 2195

Skeletal status after kidney transplantation by quantitative ultrasound – a 2-year follow-up study.

Tokmak F, Kosch M, Hausberg M, Barenbrock M, Dietl KH, Kisters K. *Trace Elements and Electrolytes* 2003; 20 (4): 249-255

Effects of AT1 receptor antagonist therapy in patients with severe heart failure pretreated with angiotensin-converting enzyme inhibitors.

Gremmler B, Kunert K, Kisters K, Schleiting H, Ulbricht LJ. *Clinical Cardiology* 2003; 8 (4): 193-198

Improvement of haemodynamics by AT1-antagonists-addition to ACE-inhibitor pretreated patients with severe chronic heart failure based on coronary artery disease.

Gremmler B, Kisters K, Kundert M, Schleiting H, Ulbricht LJ. *Monduzzi Editore* 2003; 19-22 (8): 405-408

NT-proBNP values in correlation to re-occlusion rate after PTCA.

Gremmler B, Kunert M, Enxing B, Kisters K, Ulbricht LJ. *Monduzzi Editore* 2003; 19-22 (8): 419-421

Selenium in the treatment of radiation-associated secondary lymphoedema.

Micke O, Bruns F, Mücke R, Schäfer U, Glatzel M, de Vries AF, Schönekaes K, Kisters K, Büntzel J. International Journal of Radiation, Oncology, Biology, and Physics 2003; 56 (1): 40-49

Relation between N-terminal pro-brain natriuretic peptide values and invasively measured left ventricular hemodynamic indices.

Gremmler B, Kunert M, Schleiting H, Kisters K, Ulbricht I. Clinical Cardiology 2003; 8 (2): 91-94

Evolution of bone stiffness in renal transplant patients measured by quantitative ultrasound.

Kosch M, Kisters K, Hausberg M. Clinical Nephrology 2003; 50 (2): 147-148

Dermatofibrosarcoma protuberans with lung metastasis in a patient with progressive systemic sclerosis.

Westermann GW, Bürger H, Kappes U, Matzkies, K. Kisters Southern Medical Journal 2002; 95 (3): 363-365

Effects of candesartan and amlodipine on renal function and electrolytes in renal allograft recipients (Letter).

Kisters K, Tokmak F, Kosch M, Barenbrock M, Hausberg M. Clinical Nephrology 2002; 58 (6): 461-462

The role of increased membrane calcium content in primary hypertension and in hypertension in pregnancy.

Kisters K, Tokmak F, Kosch M, Louwen F, Gremmler B, Ulbricht LJ, Funke C, Wessels F, Hausberg M. Trace Elements and Electrolytes 2002; 19 (4): 197-201

Calcium, hypertension and loss of bone mineral density in women (Letter).

Kisters K. American Journal of Hypertension 2002; 15 (5): 475-476

Early changes in electrolytes after orthotopic liver transplantation in porcine for different graft rearterialization times.

Dietl KH, Schierbaum K, Wolters HH, Höme R, Kisters K, Senninger N, Spiegel HU, Brockmann JG. Trace Elements and Electrolytes 2002; 19 (2): 59-62

Bedeutung des Kalziumantagonisten für die antihypertensive Therapie bei niereninsuffizienten Patienten.

Hausberg M, Barenbrock M, Kosch M, Kisters K, Rahn KH. Nieren- und Hochdruckkrankheiten 2002; 29 (11): 537-544

Einfluss der gestörten Windkesselfunktion des arteriellen Systems auf die kardiovaskuläre Morbidität von Patienten nach Nierentransplantation.

Barenbrock M, Kosch M, Jöster E, Kisters K, Rahn KH, Hausberg M. Nieren- und Hochdruckkrankheiten 2002; 31 (12): 553-560

The course of potassium and creatinine in patients with severe heart failure by use of ACE inhibitors combined with AT1-antagonists either eprosartan either telmisartan.

Gremmler B, Kisters, K, Kunert M, Schleiting H, Ulbricht LJ. Trace Elements and Electrolytes 2002; 19 (1): 1-5

Reduced arterial distensibility is a predictor of cardiovascular disease in patients after renal transplantation.

Barenbrock M, Kosch M, Joster E, Kisters K, Rahn KH. *Journal of Hypertension* 2002; 20 (1): 79-84

Relationship between muscle sympathetic nerve activity and large artery mechanical vessel wall properties in renal transplant patient.

Kosch M, Barenbrock M, Kisters K, Rahn KH, Hausberg M. *Journal of Hypertension* 2002; 20 (3): 501-8

Changes in calcaneal trabecular bone structure assessed with high-resolution MR imaging in patients with kidney transplantation.

Link TM, Saborowski, Kisters K, Kempkes M, Kosch M, Dewitt D, Lu Y, Waldt S, Majumdar S. *Osteoporosis International* 2002; 13 (2): 119-29

Sympathic nerve activity in end-stage renal disease.

Hausberg M, Kosch M, Harmelink P, Barenbrock M, Hohage H, Kisters K, Dietl KH, Rahn KH. *Circulation* 2002; 106 (15): 1974-9

Early changes in electrolytes after orthotopic liver transplantation in porcine for different graft rearterialization times.

Dietl KH, Schierbaum K, Wolters HH, Hömme R, Kisters K, Senninger N, Spiegel HU, Brockmann JG. *Trace Elements and Electrolytes* 2002; 10 (2): 59-62

Hypertension after kidney transplantation.

Hausberg M, Barenbrock M, Kosch M, Kisters K, Suwelack B, Rahn KH. *Review Brazilian Hipertension* 2002; 9 (2): 125-133

Familial hypomagnesemia-hypercalciuria in 2 siblings.

Kuwertz-Bröking E, Frund S, Bulla M, Kleta R, August C, Kisters K. *Clinical Nephrology* 2001; 56 (2): 155-61

Decreased intracellular phosphate and magnesium concentrations in vascular smooth muscle cells from spontaneously hypertensive rats.

Kisters K, Krefting ER, Dietl KH. *International Journal of Angiology* 2001; 10 (1): 50-52

Effect of oral magnesium supplementation on blood pressure, platelet aggregation and calcium handling in deoxycorticosterone acetate-induced hypertensive rats (Letter).

Kisters K, Hausberg M, Kosch M. *Journal of Hypertension* 2001; 19 (1): 161-162

Necrobiotic xanthogranuloma with skin and liver amyloidosis.

Westermann G, August C, Bonsmann G, Rahn KH, Kisters K. *Medizinische Klinik (Munich)* 2001; 15.96 (1): 50-54

Increased membraneous calcium concentrations in primary hypertension: causal links to pathogenesis?

Kosch M, Hausberg M, Barenbrock M, Posadzy-Malaczynska A, Rahn KH, Kisters K. *Journal of Human Hypertension* 2001; 15 (1): 37-40

Alterations in calcium and magnesium content of red cell membranes in patients with primary hypertension.

Kosch M, Hausberg M, Westermann G, Köneke J, Matzkies F, Rahn KH, Kisters K. American Journal of Hypertension 2001; 14 (3): 254-258

Incidence of the novo malignancies in renal transplant patients after anti lymphocytic therapy.

Kosch M, Könecke J, Hausberg M, Kisters K. Clinical Nephrology 2001; 56 (6): 35-36

Plasma-Magnesium-Status bei der Therapie der essentiellen Hypertonie mit verschiedenen Angiotensin-II-Antagonisten.

Kisters K, Wessels F, Franitza P, Tokmak F, Kosch M, Hausberg M. Nieren- und Hochdruckkrankheiten 2001; 30 (7): 318-321

Theoretical considerations of postulated intracellular magnesium calcium antagonism by retraction length measurements.

Hunger R, Hunger RE, Köneke J, Kisters K. Trace Elements and Electrolytes 2001; 18 (1): 30-33

Decreased intracellular phosphate and magnesium concentrations in vascular smooth muscle cells from spontaneously hypertensive rats.

Kisters K, Krefting ER, Dietl KH. International Journal of Angiology 2001; 10 (1): 50-52

Measurements of intracellular chloride concentrations and regulation of the transplasmamembrane chloride influx dependent in the intracellular Ca⁺⁺ pool.

Köneke J, Tepel M, Kisters K. Trace Elements and Electrolytes 2001; 18 (1): 7-12

Traces from Thuringia – Report from the 3rd Meeting of the German Working Group Trace Elements and Electrolytes in Radiation Oncology (AKTE 1/2001), Suhl, Germany, March 25, 2001.

Müller P, Micke O, Mücke R, Büntzel J, Kisters K, Schäfer TU. Trace Elements and Electrolytes 2001; 18 (4): 193-195

Antihypertensive treatment in renal transplant patients – is there a role for ACE inhibitors?

Hausberg M, Kosch M, Hohage H, Suwelack B, Barenbrock M, Kisters K, Rahn KH. Annals of Transplantation 2001; 6 (4): 31-37

Arterial distensibility and pulse wave velocity in patients with primary hyperparathyroidectomy.

Kosch M, Hausberg M, Barenbrock M, Posadzy-Malaczynska A, Kisters K, Rahn KH. Clinical Nephrology 2001; 55 (4): 303-8

Conn's syndrom und bilateral renal artery stenosis in the presence of multiple renal arteries.

Glodny B, Comme S, Wörtler K, Herwig R, Kisters K, Winde G. Journal of Endocrinologic Investigation 2001; 24 (4): 268-73

Acute effects of haemodialysis on endothelial function and large artery elasticity.

Kosch M, Levers A, Barenbrock M, Matzkies F, Schäfer RM, Kisters K, Rahn KH, Hausberg M. Nephrology Dialysis Transplantation 2001; 16 (8): 1663-8

Blurred vision as chief complaint in nephropathia epidemica.

Braun JR, Hertin J, Kisters K, Winterberg B. Clinical Nephrology 2001; 55 (1): 89-90

Renal tolerance of neutral gadolinium chelate (gadobutrol) in patients with chronic renal failure: results of a randomised study.

Tombach B, Bremer C, Reimer P, Kisters K, Schäfer RM, Geens V, Heindel W. *Radiology* 2001; 218 (3): 651-7

Effect of fluvastatin on endothelium-dependent brachial artery vasodilation in patients after renal transplantation.

Hausberg M, Kosch M, Stam F, Scheidenreich S, Kisters K, Rahn KH. *Kidney International* 2001; 59 (4): 1473-9

Antihypertensive treatment in renal transplant patients – is there a role for ACE inhibitors?

Hausberg M, Kosch M, Hohage H, Suwelack B, Barenbrock M, Kisters K, Rahn KH. *Annals of Transplantation* 2001; 6 (4): 31-37

From the radiolysis of water to the role of trace elements in radiobiology and clinical radiation therapy: following a logical chain.

Schüller P, Püttmann S, Mücke R, Senner V, Schäfer U, Kisters K, Micke O. *Trace Elements and Electrolytes* 2001; 18 (4): 186-192

An analysis of complementary/alternative medicine (CAM) use by radiotherapy patients.

Schönekaes K, Schüller P, Micke O, Mücke R, Büntzel J, Brust F, Kisters K, Pranke J, Wagner W. *Trace Elements and Electrolytes* 2001; 18 (4): 181-186

Increased pre-transplant potassium values in hemodialysis patients as a possible predictor for renal allograft function.

Gerhardt U, Kobelt V, Suwelack B, Kisters K, Hohage H. *Trace Elements and Electrolytes* 2001; 18 (1): 13-15

Verlaufsbeobachtung des Kreatinin- und Kaliumspiegels im Serum bei Patienten mit schwerer chronischer Herzinsuffizienz unter Kombinationsbehandlung von ACE-Hemmern und den AT1-Antagonisten Eprosartan und Telmisartan.

Gemmler B, Kisters K, Funke C, Kunert M, Schleiting H, Ulbricht LJ. *Nieren- und Hochdruckkrankheiten* 2001; 30 (11): 499-504

Plasma and intracellular lead concentrations in primary hypertension.

Kosch M, Spieker C, Köneke J, Westermann G, Barenbrock M, Hausberg M, Kisters K. *Journal of Trace and Microprobe Techniques* 2000; 18 (4): 577-582

Zinc and magnesium status in patients with liver disease due to chronic alcoholism.

Kosch M, Nguyen SQ, Tokmak F, Schodjaian K, Hausberg M, Rahn KH, Kisters K. *Journal of Trace and Microprobe Techniques* 2000; 18 (4): 529-533

Importance of serum Zn and Cu, and of plasma and intracellular Mg in healthy and pre-eclamptic pregnancies.

Kisters K, Kosch M, Köneke J, Westermann G, Tokmak F, Hausberg M, Barenbrock M, Louwen F, Witteler R, Rahn KH. *Journal of Trace and Microprobe Techniques* 2000; 18 (4): 535-540

Bedeutung intrazellulärer Na⁺-Konzentrationen in der glatten Gefäßmuskelzelle der spontan hypertensiven Ratte mittels Elektronenmikrostrahltechnik.

Kisters K, Köneke J, Krefting ER, Spieker C, Barenbrock M, Rahn KH, Wessels F. *Nieren- und Hochdruckkrankheiten* 2000; 29 (7): 334-337

Electron-probe X-ray microanalysis of phosphate in vascular smooth muscle cells from spontaneously hypertensive (SHR) and age-matched normotensive rats (WKY).
Kisters K, Krefting ER, Kosch M, Köneke J, Rahn KH. Trace Elements and Electrolytes 2000; 17 (1): 1-3

Plasma, intracellular and membrane magnesium concentrations and deficiency in cirrhotics of liver due to alcoholism.

Tokman F, Schodjajan J, Musch E, Quang Nguyen S, Westermann G, Kosch M, Gerhard U, Rahn KH, Kisters K. Trace Elements and Electrolytes 2000; 17 (1): 4-7

Magnesium in HIV infection

Westermann G, Lang D, Lügering N, Weßling J, Matkies F, Kosch M, Kisters K. Trace Elements and Electrolytes 2000; 17 (4): 180-184

Iron deficiency in radiation oncology.

Matkies KF, Hausberg M, Kosch M, Westermann G, Köneke J, Mickel O, Schäfer RM, Barenbrock M, Kisters K. Trace Elements and Electrolytes 2000; 17 (4): 193

Stable plasma magnesium status in essential hypertensive patients treated with angiotensin II antagonists.

Kisters K, Wessels F, Tokmak F, Hausberg M, Barenbrock M, Kosch M. Magnesium-Bulletin 2000; 22 (4): 92-94

Moderate magnesium deficiency in patients with hyperthyreosis

Köneke J, Kosch M, Schodjaian K, Musch E, Wessels F, Kisters K. Magnesium-Bulletin 2000; 22 (3): 77-79

Classic case of benign recurrent intrahepatic cholestasis (Summerskill Halshe-Tygstrup syndrome)

Westermann G, Lügering N, August C, Rahn KH, Kisters K. Medizinische Klinik (Munich) 2000; 15: 95 (6) 349-354

Importance of decreased intracellular phosphate and magnesium concentrations and reduced ATPase activities in spontaneously hypertensive rats

Kisters K, Krefting ER, Hausberg M, Kohnert KD, Honig A, Bettin D. Magnesium Research 2000; 13 (3): 183-188

Importance of an intact magnesium balance

Kisters K, Schäfer R, Kosch M. Urologe A 2000; 39 (1): 64-70

Red blood cell membranes, lipid peroxidation and magnesium in renal insufficiency (Letter)

Kisters K, Barenbrock M, Westermann G, Rahn KH, Kosch M. Clinical Nephrology 2000; 53 (4): 314-315

Intracellular Mg⁺⁺ concentrations in smooth and striated muscle cells spontaneously hypertensive rats

Kisters K, Krefting ER, Kosch M, Rahn KH, Hausberg M. American Journal of Hypertension 2000; 13 (Pt 1): 427-430

Effect of ethanol on blood pressure – role of magnesium (Letter)

Kisters K, Schodjaian K, Tokmak F, Kosch M, Rahn KH. American Journal of Hypertension 2000; 13 (4 Pt 1): 455-456

Alterations of plasma calcium and intracellular and membrane calcium in erythrocytes of patients with pre-eclampsia

Kosch M, Hausberg M, Louwen F, Barenbrock M, Rahn KH, Kisters K. Journal of Human Hypertension 2000; 14 (5): 33-36

Reduced intestinal epithelial cell brush border membrane calcium transport in spontaneously hypertensive rats (Letter)

Kisters K, Hausberg M, Kosch M. Journal of Hypertension 2000; 18 (5): 643

Diagnosis and therapy of renovascular hypertension

Kisters K, Wortler K, Heindel W, Hausberg M, Kosch M. Medizinische Klinik (Munich) 2000; 15: 95 (5): 293-8

Intracellular and membrane Ca⁺⁺ increase in response to pressure changes (Letter)

Kisters K. Journal of Human Hypertension 2000; 14 (6): 413

Membrane, intracellular, and plasma magnesium and calcium concentration in pre-eclampsia

Kisters K, Barenbrock M, Louwen F, Hausberg M, Rahn KH, Kosch M. American Journal of Hypertension 2000; 13 (7): 765-769

Measurement of skeletal status after renal transplantation by quantitative ultrasound.

Kosch M, Hausberg M, Link T, Kempkes M, Matzkies F, Harmelink P, Rahn KH, Kisters K. Clinical Nephrology 2000; 54 (1): 15-21

Reduced membrane calcium efflux and increased membranous calcium content in primary hypertension (Letter).

Kisters K, Hausberg M, Kosch M. Journal of Hypertension 2000; 18 (5): 643

Magnesium deficiency and increased fractional magnesium excretion in insulin dependent diabetes mellitus – magnesium loading test and blood pressure.

Kisters K, Schildheuer M, Matzkies FK, Köneke J, Bauer A, Dick K, Rob PM. Trace Elements and Electrolytes 2000; 17 (2): 67-70

Alterations of plasma, intracellular and membrane calcium in patients with preeclampsia.

Kosch M, Hausberg M, Louwen F, Barenbrock M, Rahn KH, Kisters K. Journal of Human Hypertension 2000; 14 (5): 333-336

Veränderungen der Mg⁺⁺- und Ca⁺⁺-Konzentrationen im Blutplasma im Intrazellulärraum sowie in der Zellmembran als pathogenetischer Faktor der Präeclampsie.

Köneke J, Hausberg M, Kosch M, Westermann G, Louwen F, Witteler R, Kisters K. Nieren- und Hochdruckkrankheiten 2000; 29 (2): 60-65

Akkumulation von Aluminium in B-Lymphozyten bei chronischer Dialysetherapie – Bedeutung für eine gestörte Immunantwort?

Kosch M, Hausberg M, Lügering N, Dietl KH, Barenbrock M, Rahn KH, Senninger N, Kisters K. Nieren- und Hochdruckkrankheiten 2000; 29 (2): 66-70

Chronic intoxication by doxycycline abuse for more than 12 years.

Westermann GW, Böhm M, Bonsmann G, Rahn KH, Kisters K. Journal of International Medicine 2000; 246 (6): 591-592

Membrane, intracellular, and plasma and magnesium and calcium concentrations in preeclampsia.

Kisters K, Barenbrock M, Louwen F, Hausberg M, Rahn KH, Kosch M. American Journal of Hypertension 2000; 13 (7): 765-769

Plasma, intracellular and membrane magnesium concentrations and deficiency in cirrhosis of liver due to alcoholism.

Tokmak F, Schodjaian K, Musch E, Nguyen SQ, Westermann G, Kosch M, Gerhardt U, Rahn KH, Kisters K. Trace Elements and Electrolytes 2000; 17 (1): 4 - 7

Importance of trace element homeostasis in dermatology.

Köneke J, Matzkies F, Kisters K. Trace Elements and Electrolytes 2000; 17 (2): 60-66

Trace elements and electrolytes in radiation oncology. Report of the 5th Münster Workshop on Trace Elements and Electrolytes in radiation oncology and foundation assembly of the German Working Group "Trace Elements and Electrolytes in Radiation Oncology".

Micke O, Mücke J, Büntzel J, Schönekeas KG, Schüller P, Bruns F, Kisters K. Trace Elements and Electrolytes 2000; 17 (4): 185-186

Plasma, intracellular and cell membrane Mg⁺⁺ and Ca⁺⁺ concentrations in preeclampsia.

Kisters K, Hausberg M, Westermann G, Louwen F, Witteler R, Kappes U, Barenbrock M, Rahn KH, Kosch M. Magnesium Bulletin 2000; 22 (1): 6-9

Altered lipid peroxidation and magnesium in renal insufficiency (Letter).

Kisters K, Barenbrock M, Westermann G, Hausberg M, Kosch M. Trace Elements and Electrolytes 2000; 17 (3): 161-162

Electron-probe X-ray microanalysis of phosphate in vascular smooth muscle cells from spontaneously hypertensive rats (SHR) and age-matched normotensive rats (WKY).

Kisters K, Krefting ER, Köneke J, Rahn KH. Trace Elements and Electrolytes 2000; 17 (1): 1-3

Intracellular Mg⁺⁺ contents in smooth and striated muscle cells in SHR.

Kisters K, Krefting ER, Kosch M, Rahn KH, Hausberg M. American Journal of Hypertension 2000; 13 (4): 427-430

Ein klassischer Fall der benignen rekurrenden intrahepatischen Cholestase (Summerskill-Walshe-Tygstrup-Syndrom).

Westermann GW, Lügering N, August C, Rahn KH, Kisters K. Medizinische Klinik 2000; 95 (6): 349-354

Effect of ethanol on blood pressure – role of magnesium. (Letter).

Kisters K, Schodjaian K, Tokmak F, Kosch M, Rahn KH. American Journal of Hypertension 2000; 13 (4): 455-456

Alterations of arterial vessel wall properties in hyperparathyroidism.

Kosch M, Hausberg M, Kisters K, Barenbrock M. Medizinische Klinik 2000; 95 (5): 267-272

Selenium in the treatment of acute and chronic lymphedema.

Micke O, Bruns F, Schäfer U, Kisters K, Hesselmann S, Willich N. Trace Elements and Electrolytes 2000; 17 (4): 206-209

Reduced iopromide elimination in hemodialysis with cuprophan membranes.

Matzkies FK, Reinecke H, Tombach B, Köneke J, Hohage H, Kisters K, Schäfer RM. *Acta Radiologica* 2000; 41 (6): 651-3

Studies on flow-mediated vasodilation and intima-media thickness of the brachial artery in patients with primary hyperparathyroidism.

Kosch M, Hausberg M, Vormbrock K, Kisters K, Rahn KH, Barenbrock M. *American Journal of Hypertension* 2000; 13 (7): 759-64

Bedeutung der Calciumantagonisten für die antihypertensive Therapie bei niereninsuffizienten Patienten.

Hausberg M, Barenbrock M, Kosch M, Kisters K, Rahn KH. *Nieren- und Hochdruckkrankheiten* 2000; 29 (11): 537-544

Temperaturabhängigkeit der K⁺-Bewegungen zwischen Zellen und Plasma im Vollblut normotensiver und primär hypertensiver junger Männer.

Ledderhos C, Engel K, Schmidt M, Oppermann H, Weber A, Kisters K, Honig A. *Nieren- und Hochdruckkrankheiten* 2000; 29 (12): 54-59

Prevalence of hepatitis G in patients on chronic hemodialysis.

Matzkies FK, Bahner U, Weinegger M, Bartel J, Kisters K, Schäfer RM. *Medical Science Research* 2000

Iron metabolism and diagnostic approach to iron deficiency in inflammatory disease.

Matzkies FK, Kisters K, Schäfer RM. *Trace Elements and Electrolytes* 2000; 17 (2): 55-59

MVAC-therapy for advanced urothelial carcinoma in an anuric renal transplant recipient.

Matzkies FK, Tombach B, Dietrich M, Kisters K, Barenbrock M, Schäfer RM, Berdel WE, Rahn KH. *Nephrology Dialysis Transplantation* 2000; 15: 110-112

Temperature dependence of the K⁺-movements between blood cells and plasma in normotensives and primary hypertensives.

Ledderhos C, Engel K, Schmidt M, Oppermann H, Weber A, Kisters K, Honig A. *Trace Elements and Electrolytes* 2000; 17 (2): 71-75

Studies on flow-mediated vasodilatation and intima-media-thickness of the brachial artery in patients with primary hyperparathyroidism.

Kosch M, Hausberg M, Vormbrock K, Kisters K, Rahn KH, Barenbrock M. *American Journal of Hypertension* 2000; 13 (7): 759-764

Physiologie and Pathophysiologie des Magnesiumhaushalts.

Kisters K. *Spektrum der Nephrologie* 1999; 12 (7/8): 9-15

Trace element and electrolyte distribution in alcoholic liver disease – role of zinc, cadmium, copper and magnesium metabolism.

Kosch M, Schodjaian K, Nguyen SQ, Tokmak F, Westermann G, Hausberg M, Rahn KH, Kisters K. *Medical Science Research* 1999; 27: 739-741

Electron-probe X-ray microanalysis of magnesium and sodium ion content in vascular smooth muscle cells from spontaneously hypertensive and normotensive rats.

Kisters K, Spieker C, Krefting ER, Scholz U, Tepel M, Zidek W, Barenbrock M. *International Journal of Angiology* 1999; 8: 70-72

Erniedrigte Magnesiumkonzentrationen von Erythrozytenmembranen essentieller Hypertoniker.

Westermann G, Köneke J, Hausberg M, Barenbrock M, Kisters K. Nieren- und Hochdruckkrankheiten 1999; 28 (9): 358-364

Einfluss der oralen Magnesiumsubstitution auf eine Grenzwerthypertonie und Hyperlipidämie bei magnesiumdefizienten Patienten.

Kosch M, Hausberg M, Tokmak F, Barenbrock M, Rahn KH, Kisters K. Nieren- und Hochdruckkrankheiten 1999; 28 (11): 441-445

Intracellular and membranous Mg⁺⁺ contents in essential hypertension.

Kisters K, Spieker C, Köneke J, Westermann G, Kosch M, Tokmak F, Hausberg M, Barenbrock M. Medical Science Research 1999; 27: 591-593

The significance of raised total and B lymphocyte aluminum concentrations in chronic haemodialysis patients.

Kisters K, Rahn KH, Lügering N. Medical Science Research 1999; 17: 471-473

Lead and blood pressure. (Letter).

Kisters K. Journal of Human Hypertension 1999; 13: 495

A case with renovascular hypertension.

Kisters K, Reimer P, Kosch M, Lorenz G, Barenbrock M, Vestring T, Rahn KH. Clinical Nephrology 1999; 52 (4): 263-264

Magnesium status and deficiency in cirrhosis of liver due to alcoholism.

Tokmak F, Schodjaian K, Musch E, Hohage H, Kosch M, Rahn KH, Kisters K. Magnesium Bulletin 1999; 21,2: 35-38

Hypomagnesaemia, borderline hypertension and hyperlipidaemia.

Kisters K, Hausberg M, Tokmak F, Köneke J, Westermann G, Rahn KH. Magnesium Bulletin 1999; 21 (2): 31-34

Histiocytic, necrotizing lymphadenitis as rare cause of cervical lymphadenopathy and fever of unknown origin – a case of biopsy proven recurrence over 19 years.

Koch M, Hausberg M, Barenbrock M, Rahn KH, Kisters K. European Journal of Haematology 1999; 62: 282-283

Sodium transport and exchange in spontaneously hypertensive rats (Letter).

Kisters K, Rahn KH. Journal of Hypertension 1999; 17 (5): 715

Stellenwert der Knochendichtebestimmung mittels quantitativer Ultraschallmethode bei Patienten nach Nierentransplantation.

Kosch M, Hausberg M, Dietl KH, Kempkes M, Däweritz C, Rahn KH, Kisters K. Transplantationsmedizin 1999; 11: 1-5

Posttransplant new-onset diabetes mellitus in renal transplantation recipients treated with tacrolimus (FK 506) and reversal after conversion to cyclosporine therapy.

Kosch M, Barenbrock M, Hausberg M, Köster L, Matzkies F, Rahn KH, Kisters KH. Transplantationsmedizin 1999; 11: 45-47

- Brown tumor and tumoral calcinosis 6 years after renal transplantation.
Dietl KH, Rahn KH, Senninger N, Kisters K. *Clinical Nephrology* 1999; 51 (5): 323-324
- Altersabhängiger Magnesium-Verlust in glatten Muskelzellen der spontan hypertensiven Ratte (SHR).
Kisters K, Krefting ER, Rahn KH. *Journal für Hypertonie* 1999; 2: 12-16
- Kombinationstherapie mit ACE-Hemmern und Angiotensin-Rezeptor-Antagonisten.
Kisters K. *Der Internist* 1999; 40: 678-679
- Erniedrigte Membran-Mg⁺⁺-Konzentrationen in einer Untergruppe von Hochdruckkranken – ein Membranmodell für die Pathogenese der primären Hypertonie.
Westermann G, Tokmak F, Rahn KH, Kisters K. *Journal für Hypertonie* 1999; 3: 34-38
- Different intracellular Mg⁺⁺ handling in vascular smooth muscle cells and heart muscle cells from the spontaneously hypertensive rat (SHR).
Kisters K, Krefting ER, Rahn KH. *Trace Elements and Electrolytes* 1999; 16 (2): 73-76
- Intracellular Mg⁺⁺ concentrations in vascular smooth muscle cells and heart muscle cells in SHR.
Kisters K, Krefting ER, Westermann G, Senninger N, Rahn KH, Dietl KH. *Journal of Clinical and Basic Cardiology* 1999; 2: 120-122
- Therapie der essentiellen Hypertonie.
Kisters K. *Nieren- und Hochdruckkrankheiten* 1999; 28 (6): 229-233
- Stellenwert einer Kombinationstherapie (HOT).
Kisters K. *Fortschritte der Medizin* 1999; 14 (5): 35-36
- Erste Ergebnisse der HOT-Studie. ASS-Gabe senkt das Infarktisiko.
Kisters K. *Kardiologische Nachrichten* 1999; 4: 9
- Studies on diurnal blood pressure variation in kidney diseases associated with excessive salt and water retention.
Barenbrock M, Spieker C, Hausberg M, Rahn KH, Zidek W, Kisters K. *Journal of Human Hypertension* 1999; 13: 269-273
- Kikuchi-Fusimoto-Disease: Differentialdiagnose einer zervikalen Lymphadenitis mit rezidivierenden Fieberschüben.
Kosch M, Schmid KW, Hausberg M, Rahn KH, Kisters K. *Deutsche Medizinische Wochenschrift* 1999; 124: 213-216
- Lowered total intracellular Mg⁺⁺ status in a subgroup of hypertensives.
Kisters K, Tokmak F, Kosch M, Dietl KH, Westermann G. *International Journal of Angiology* 1999; 8: 154-156
- Importance of bone aluminum status in renal insufficiency and removal after kidney transplantation with low serum aluminum values.
Kisters K, Winterberg B, Dietl KH, Barenbrock M, Hausberg M, Rahn KH. *Clinical Nephrology* 1999; 51 (3): 191-193
- Mineralstoffwechsel und Osteopathie nach Nierentransplantation – Ursachen und Klinik.
Kisters K, Barenbrock M, Tokmak F, Dietl KH. *Spektrum der Nephrologie* 1999; 12 (2): 3-11

Ausgeprägter Hyperparathyreoidismus mit Ausbildung eines braunen Tumors nach Nierentransplantation.

Dietl KH, Senninger N, Kisters K. Spektrum der Nephrologie 1999; 12 (3): 26-27

Intracellular Mg⁺⁺ concentrations in borderline hypertensive patients with hyperlipidemia.

Kisters K, Hausberg M, Westermann G, Tokmak F, Kosch M, Köneke J, Rahn KH, Barenbrock M. Medical Science Research 1999; 27: 251-253

Na⁺ and Mg⁺⁺ contents in smooth muscle cells in spontaneously hypertensive rats.

Kisters K, Krefting ER, Barenbrock M, Spieker C, Rahn KH. American Journal of Hypertension 1999; 12: 648-652

Diagnostik und Therapie der Störungen des Säure-Basen-Haushalts.

Bahner U, Kisters K, Schäfer RM. Der Urologe 1999; (B) 39: 557-564

Effects of magnesium and vitamin E on late complications of the eyes of streptozotocin – diabetic rats.

Merker HJ, Bauer A, Günther T, Dendorfer A, Kisters K, Rob PM. Magnesium Bulletin 1999; 21, 4: 91-98

Bedeutung der Hypertonie für die altersabhängige Veränderung der arteriellen Distensibilität bei Patienten nach Nierentransplantation.

Kosch M, Hausberg M, Kisters K, Rahn KH, Barenbrock M. Nieren- und Hochdruckkrankheiten 1999; 28 (7): 254-259

Flow-mediated vasodilation and mechanical vessel wall properties in relation to intima-media-thickness of large arteries in mild essential hypertension.

Barenbrock M, Hausberg M, Kosch M, Golubev SA, Kisters K, Rahn KH. American Journal of Hypertension 1999; 12: 973-979

Studies on cardiac sympathovagal balance and large artery distensibility in patients with untreated essential hypertension.

Kosch M, Hausberg M, Barenbrock M, Kisters K, Rahn KH. Journal of Human Hypertension 1999; 13: 315-319

Studies on parathyroid hormone and calcium phosphate metabolism and endothelial function in patients with mild essential hypertension.

Kosch M, Hausberg M, Vormbrock K, Kisters K, Rahn KH, Barenbrock M. Trace Elements and Electrolytes 1999; 16 (2): 67-72

Clearance of iopamide during haemodialysis with high- and lowflux membranes.

Matzkies FK, Tombach B, Kisters K, Schuhmann G, Hohage H, Schäfer RM. Acta Radiologica 1999; 40: 220-223

Iron status in patients with immunodeficiency virus (HIV) infection with focus on zinc protoporphyrin as a marker of iron-deficient erythropoiesis.

Matzkies F, Westermann G, Borys T, Kisters K, Schäfer RM, Rahn KH, Barenbrock M. Trace Elements and Electrolytes 1999; 1: 12-16

Flow-mediated vasodilation and distensibility of the brachial artery in renal allograft recipients.

Hausberg M, Kisters K, Kosch M, Rahn KH, Barenbrock M. *Kidney International* 1999; 55: 1104-1110

Magnesiumgehalt von Plasma, Zytosol und Zellmembranen bei chronischer Niereninsuffizienz.

Westermann GW, Tepel M, Tokmak F, Hausberg M, Rahn KH, Kisters K. *Nieren- und Hochdruckkrankheiten* 1998; 27 (11): 486-490

Mg⁺⁺/Na⁺ exchange und ratio in the spontaneously hypertensive rat (SHR).

Kisters K, Krefting ER, Zidek W, Westermann G, Barenbrock M, Kosch M, Hausberg M, Rahn KH. *Magnesium Bulletin* 1998; 20 (4): 97-100

Sekundärer Hyperparathyreoidismus, Kalziumstörungen und braune Tumoren nach Nierenersatztherapie.

Dietl KH, Rottmann P, Marschall B, Wolters H, Arlt M, Hübschen M, Schierbaum K, Senninger N, Barenbrock M, Hausberg M, Rahn KH, Kisters K. *Nieren- und Hochdruckkrankheiten* 1998; 27 (11): 491-495

Secondary hyperparathyroidism, calcium disorders and brown tumors after renal replacement therapy.

Dietl KH, Rottmann P, Marschall B, Wolters H, Arlt M, Hübschen M, Schierbaum K, Senninger N, Barenbrock M, Rahn KH, Kisters K. *Trace Elements and Electrolytes* 1998; 15 (4): 173-176

Altersabhängiger intracellulärer Mg⁺⁺-Verlust glatter Gefäßmuskelzellen der spontan hypertensiven Ratte (SHR)

Kisters K, Krefting ER, Barenbrock M, Spieker C, Rahn KH. *Nieren- und Hochdruckkrankheiten* 1998; 27 (10): 451-455

Age dependent decreased intracellular Mg⁺⁺ concentrations in vascular smooth muscle cells of the abdominal aorta from normotensive (WKY) and spontaneously hypertensive rats (SHR)

Dietl KH, Krefting ER, Westermann G, Barenbrock M, Senninger N, Rahn KH, Kisters K. *Magnesium Bulletin* 1998; 20 (4): 92-96

Increased intracellular calcium and decreased intracellular magnesium in lymphocytes as a cell model in the pathogenesis of essential hypertension: a possible calcium magnesium antagonism

Kisters K, Welslau R, Tokmak F, Westermann G, Köneke J, Hausberg M, Lang D, Zidek W, Rahn KH. *Trace Elements and Electrolytes* 1998; 3: 116-119

High blood pressure in pregnancy: role of Ca⁺⁺ and Mg⁺⁺. (Letter)

Kisters K, Louwen F, Witteler R, Hausberg M, Barenbrock M, Rahn KH. *Journal of Hypertension* 1998; 16: 1561-1562

W Bone aluminum status after successful kidney transplantation

Kisters K, Dietl KH, Barenbrock M, Rahn KH, Winterberg B. *Transplantationsmedizin* 1998; 10: 143-145

Mg⁺⁺- and Na⁺-Gehalt in glatten Gefäßmuskelzellen normotensiver (WKY) und spontan hypertensiver (SHR) Ratten

Kisters K, Krefting ER, Spieker C, Zidek W, Rahn KH. Nieren- und Hochdruckkrankheiten 1998; 7: 341-344

Decreased cellular and membrane Mg⁺⁺ concentrations in a subgroup of hypertensives – cell models for the pathogenesis of primary hypertension

Kisters K, Köneke J, Tepel M, Tokmak F, Westermann G, Kosch M, Rahn KH, Barenbrock M. Magnesium-Bulletin 1998; 20 (3): 53-58

Electronprobe X-ray microanalysis of sodium ion content in vascular smooth muscle cells from SHR and normotensive rats of different ages

Kisters K, Krefting ER, Barenbrock M, Zidek W. Trace Elements and Electrolytes 1998; 3: 109-110

Renovaskuläre Hypertonie

Kisters K, Vestring T, Schäfer RM, Barenbrock M. Spektrum der Nephrologie 1998; 3: 3-13

Lowered erythrocyte membrane Mg⁺⁺ concentrations in a subgroup of essential hypertensives

Kisters K, Rahn KH, Tokmak F, Westermann G, Köneke J, Hausberg M, Barenbrock M. Trace Elements and Electrolytes 1998; 2: 55-57

Decreased membrane Mg⁺⁺ concentrations in a subgroup of hypertensives: membrane model for the pathogenesis of primary hypertension.

Kisters K, Tepel M, Spieker C, Zidek W, Barenbrock M, Tokmak F, Kosch M, Hausberg M, Rahn KH. American Journal of Hypertension 1998; 11: 1390-1393

Die Zytomegalievirusinfektion.

Kisters K. BDO-Blätter 1997/8; 4/97-1/98: 4

Störungen im Magnesiumhaushalt.

Kisters K. Der Internist 1998; 39 (8): 815-819

Plasma and membrane Ca⁺⁺ concentrations in normal pregnancy and in preeclampsia.

Kisters K, Körner J, Louwen F, Witteler R, Jakisch C, Ott S, Barenbrock M, Spieker C, Zidek W, Rahn KH. Trace Elements and Elektrolytes 1998; 1: 1-4

Plasma and membrane Ca⁺⁺ and Mg⁺⁺ concentrations in normal pregnancy and in preeclampsia.

Kisters K, Körner J, Louwen F, Witteler R, Jakisch C, Zidek W, Ott S, Westermann G, Barenbrock M, Rahn KH. Gynaecologic and Obstetric Investigation 1998; 46: 158-163

Plasma und intracellular magnesium status in alcoholism and essential hypertension.

Kisters K, Schodjaian K, Köneke J, Westermann G, Tokmak F, Rahn KH, Barenbrock M. Magnesium Bulletin 1998; 20 (1): 1-4

Plasma- und intrazellulärer Mg⁺⁺-Status bei Alkoholikern mit einer Steatose oder Leberzirrhose mit und ohne essentielle Hypertonie.

Kisters K, Schodjaian K, Köneke J, Spieker C, Barenbrock M, Rahn KH. Nieren- und Hochdruckkrankheiten 1998; 2: 82-86

Plasma, intracellular and membrane Mg⁺⁺ concentrations in normal pregnancy and in preeclampsia.

Kisters K, Körner J, Louwen F, Witteler R, Spieker C, Zidek W, Barenbrock M, Rahn KH. Hypertension in Pregnancy 1998; 17 (2): 169-178

Increasesd Mg⁺⁺/Na⁺ exchange in vascular smooth muscle cells from SHR.

Kisters K, Krefting ER, Spieker C, Zidek W, Dietl KH, Barenbrock M, Rahn KH. Clinical Science 1998; 95 (5): 583-587

Electron-probe X-ray microanalysis of magnesium and sodium ion content in vascular smooth muscle cells from spontaneously hypertensive and normotensive rats.

Kisters K, Spieker C, Krefting ER, Scholz U, Tepel M, Zidek W, Barenbrock M. International Journal of Angiology 1998; 8: 70-72 (

Beziehung zwischen Calcium-Phosphat-Stoffwechsel und flussvermittelter Gefäßerweiterung der Arteria brachialis bei Patienten nach Nierentransplantation.

Barenbrock M, Hausberg M, Kosch M, Kisters K, Rahn KH. Nieren- und Hochdruckkrankheiten 1998; 27 (12): 515-521

Relation between calcium-phosphate metabolism and flow-medited vasodilation of the brachial artery in patients after renal transplantation.

Barenbrock M, Hausberg M, Kosch M, Kisters K, Rahn KH. Trace Elements and Electrolytes 1998; 15 (4): 168-172

A longitudinal study of vessel wall properties in normotensive and hypertensive renal transplant recipients.

Barenbrock M, Hausberg M, Kosch M, Kisters K, Hoeks APG, Rahn KH. Journal of Human Hypertension 1998; 12: 707-711

Effect of hyperparathyreoidism on arterial distensibility in renal transplant recipients.

Barenbrock M, Hausberg M, Kosch M, Kisters K, Hoeks APG, Rahn KH. Kidney International 1998; 54: 210-215

Die Zytomegalievirusinfektion (CMV).

Kisters K. Dialyse Intern 1997; 3/4: 24

Vascular smooth muscle and striated heart muscle cell magnesium content in SHR.

Kisters K, Krefting ER, Spieker C, Zidek W, Barenbrock M, Rahn KH. Magnesium Bulletin 1997; 19 (4): 106-109

B- and T-lymphocyte aluminium concentrations in controls and in patients on regular hemodialysis treatment.

Kisters K, Lügering N, Neumann S, Spieker C, Barenbrock M, Müller C, Winterberg B, Zidek W, Rahn KH, Dietl KH. Trace Elements and Electrolytes 1997; 4: 169-172

Bone aluminium status improves after kidney transplantation.

Kisters K, Winterberg B, Barenbrock M, Rahn KH, Dietl KH. Medical Science Research 1997; 25: 741-742

Plasma and intracellular magnesium status in patients with alcoholic steatosis or cirrhosis of liver with and without essential hypertension.

Kisters K, Schodjaian K, Quang Nguyen S, Köneke J, Westermann G, Spieker C, Barenbrock M. Trace Elements and Electrolytes 1997; 4: 163-166

Effects of alcohol on plasma and intracellular magnesium status in patients with cirrhosis of the liver.

Kisters K, Schodjaian K, Quang Nguyen S, Köneke J, Hausberg M, Westermann G, Spieker C, Barenbrock M. Medical Science Research 1997; 25: 805-806 +

Aluminum bone disease improved after kidney transplantation – determination by atomic absorption spectroscopy.

Dietl KH, Winterberg B, Bertram HP, Spieker C, Kisters K. Trace Elements and Electrolytes 1997; 3: 113-115

Plasma and membrane Mg⁺⁺ concentrations in normal pregnancy and in preeclampsia as compared to healthy female subjects – a plasmalemmal membrane model.

Kisters K, Körner J, Louwen F, Spieker C, Zidek W. Trace Elements and Electrolytes 1997; 3: 109-112

Mg⁺⁺ concentrations in plasma and erythrocytes in borderline hypertensive patients.

Kisters K, Spieker C, Bachmann J, Westermann G, Zidek W. Trace Elements and Electrolytes 1997; 2: 102-106

Mg⁺⁺ status in normotensive and essential hypertensive patients – different cell models.

Kister S K, Tepel M, Barenbrock M, Westermann G, Rahn KH, Zidek W, Spieker C. Medical Science Research 1997; 25: 397-398

Chloride concentrations in plasma, erythrocytes and lymphocytes indicating different chloride fluxes: measurements using SPQ and colorimetric titration.

Kisters K, Tepel M, Hahne C, Wibbeke C, Spieker C, Zidek W. Trace Elements and Electrolytes 1997; 2: 55-57

Mg⁺⁺ concentrations in plasma, platelets and lymphocytes in essential and renal hypertension.

Kisters K, Tepel M, Spieker C, Zidek W. Trace Elements and Electrolytes 1997; 1: 1-5

Decreased cellular Mg⁺⁺ concentrations in a subgroup of hypertensives – cell models for the pathogenesis of primary hypertension.

Kisters K, Tepel M, Spieker C, Dietl KH, Barenbrock M, Rahn KH, Zidek W. Journal of Human Hypertension 1997; 11: 367-372

Determination of plasma and intracellular Ca⁺⁺ in normotension and essential and renal hypertension: a lymphocytic cell model in hypertension.

Kisters K, Spieker C, Tepel M, Zidek W. Trace Elements and Electrolytes 1997; 1: 27-29

Intrazelluläre Mg⁺⁺-Spiegel bei Hypertonie und Niereninsuffizienz.

Kisters K, Spieker C, Rahn KH, Zidek W. Nieren- und Hochdruckkrankheiten 1997; 2: 66-68

Magnesium ion content in vascular smooth muscle cells from spontaneously hypertensive and normotensive rats measured by electron-probe X-ray microanalysis.

Kisters K, Krefting ER, Spieker C, Scholz U, Zidek W. Trace Elements and Electrolytes 1996; 3: 114-116

Plasma magnesium and total intracellular magnesium ion content of lymphocytes in untreated normotensive and hypertensive patients.

Kisters K, Spieker C, Tepel M, Zidek W. Trace Elements and Electrolytes 1996; 4: 163-166

Mit Nachdruck gegen Hochdruck.

Kisters K, Spieker C. Praxis Medizinisches Magazin 1996; 4: 22-25

Intracellular Mg⁺⁺ content in hypertension.

Kisters K, Spieker C, Tepel M, Zidek W. International Journal of Angiology 1996; 5: 181-183

Die Bedeutung zellulärer Bleispiegel bei der Pathogenese einer Hypertonie.

Kisters K, Spieker C, Zidek W. Nieren- und Hochdruckkrankheiten 1995; 11: 625-627

Elektrolytgehalt in Membranen bei essentieller Hypertonie.

Kisters K, Spieker C, Rahn KH, Zidek W. Nieren- und Hochdruckkrankheiten 1995; 7: 347-349

Plasma and membrane calcium and magnesium content in hypertensive patients and controls.

Kisters K, Spieker C, Zidek W. Trace Elements and Electrolytes 1995; 4: 169-172

Plasma, cytosolic and membrane magnesium content in renal insufficiency.

Kisters K, Spieker C, Tepel M, Wenserski F, Zidek W. Magnesium Research 1995; 8 (2): 167-172

Alteration in Mg⁺⁺ concent of red blood cells from patients with diuretic therapy.

Kisters K, Spieker C, Tepel M, Rahn KH, Zidek W. International Journal of Angiology 1995; 4: 17-19

Intracellular Na⁺ measurements in vascular smooth muscle cells from normotensive and spontaneously hypertensive rats using the flurescent dye technique.

Tepel M, Holthues J, Kisters K, Neusser M, Zidek W. Trace Elements and Electrolytes 1995; 12: 163-168

Efficiacy and safety of ramipril therapy in hypertension after renal transplantation.

Spieker C, Barenbrock M, Kisters K, Rahn KH, Zidek W. International Journal of Angiology 1995; 4: 41-43

Lymphocytic Na⁺-H⁺ exchange increases after an oral glucose challenge.

Tepel M, Schlotmann R, Barenbrock M, Kisters K, Klaus T, Spieker C, Walter M, Meyer C, Bretzel RG, Zidek W. Circulation Research 1995; 77: 1024-1029

Effect of age on arterial distensibility in healthy subjects and in patients with end-stage renal failure.

Barenbrock M, Spieker C, Kisters K, Hoeks APG, Zidek W, Rahn KH. International Journal of Angiology 1995; 4: 103-105

Zinc concentrations in human liver tissue and in blood plasma in cirrhosis of the liver due to alcoholism.

Kisters K, Spieker C, Nguyen SQ, Bertram HP, Müller C, Zidek W. Trace Elements and Electrolytes 1994; 3: 101-103

Plasma and intracellular lead concentrations in patients with essential hypertension.
Kisters K, Spieker C, Müller C, Rahn KH, Zidek W. Trace Elements in Medicine 1993; 4: 155-157

Copper, zinc and plasma and intracellular magnesium concentrations in pregnancy and pre-eclampsia.

Kisters K, Spieker C, Fafera I, Tepel M, Müller C, Rahn KH, Zidek W. Trace Elements in Medicine 1993; 4: 158-162

Cadmium and copper metabolism in patients with alcohol liver disease.

Kisters K, Spieker C, Nguyen SQ, Tepel M, Bertram HP, Rahn KH, Zidek W. Trace Elements in Medicine 1993; 3: 109-111

New data about the effects of oral physiological magnesium supplementation on several cardiovascular risk factors (lipids and blood pressure).

Kisters K, Spieker C, Tepel M, Rahn KH, Zidek W. Magnesium Research 1993; 6 (4): 355-360

Aluminum concentrations in lymphocytes of patients on regular hemodialysis treatment.

Kisters K, Spieker C, Bertram HP, Rahn KH, Zidek W. Trace Elements in Medicine 1992; 1: 25-27

Na⁺-Rückresorption in der isolierten perfundierten Niere bei normotensiven und spontan-hypertensiven Ratten verschiedenen Alters.

Kisters K, Heckmann U, Schurek HJ, Stolte H, Zidek W. Nieren- und Hochdruckkrankheiten 1992; 11: 609-610

Isolation of an ultrafiltrable Ca⁺⁺-ATPase inhibitor from the plasma of uremic patients.

Zidek W, Rustemeyer T, Schlüter W, Karas M, Kisters K, Gräfe U. Clinical Science 1992; 82: 659-665

Zirkulierender Na-K-ATPase-Inhibitor bei Präeklampsie.

Kisters K, Spieker C, Niedner W, Fafera I, Rahn KH, Zidek W. Nieren- und Hochdruckkrankheiten 1991; 10: 526-527

Plasma membrane calcium content in essential hypertension.

Spieker C, Kisters K, Rahn KH, Zidek W. Journal of Hypertension 1991; 9 (suppl. 6): 292-293

Aluminum concentrations and localization in gastric mucous membrane before and after therapy with aluminum-containing antacids.

Kisters K, Spieker C, Zidek W, Fetsch T, Bertram HP, Fromme HG, Zumkley H, Rahn KH. Trace Elements in Medicine 1990; 4: 199-202

Plasma and intracellular Mg⁺⁺ concentrations in pre-eclampsia.

Kisters K, Spieker C, Tepel M, Wenserski F, Zidek W. Journal of Hypertension 1990; 8: 303-306

Wirkung von Trichlormethiazid und Amilorid auf die zelluläre Na⁺-, K⁺- und Mg⁺⁺-Konzentration.

Kisters K, Zidek W, Rahn KH. Schweizerische Medizinische Wochenschrift 1989; 119: 1837-1839

Electron-probe X-ray microanalysis of sodium ion content in vascular smooth muscle cells from spontaneously hypertensive and normotensive rats.

Zidek W, Krefting ER, Kisters K, Spieker C, Rahn KH. Journal of Hypertension 1989; 7 (suppl. 6): 150-151

Cadmium levels in blood samples and heart tissue of smokers and non-smokers.

Spieker C, Bertram HP, Achatz R, Stratmann T, Kisters K, Zidek W, Zumkley H. Trace Elements in Medicine 1988; 5: 35-37

Aluminiumkonzentration in Knochen und Gehirn nach Antazidagabe.

Zumkley H, Bertram HP, Brandt M, Rödiger M, Spieker C, Kisters K. Fortschritte der Medizin 1987; 5: 15-18

Differences in plasma and tissue aluminum concentrations due to different aluminum-containing drugs in patients with renal insufficiency and with normal renal function.

Winterberg B, Bertram HP, Rolf N, Rödiger M, Kisters K, Remmers S, Spieker C, Zumkley H. Journal of Trace Elements, Electrolytes, Health and Disease 1987; 1: 69-72

Aluminum concentrations in gastric mucous membrane in renal insufficiency.

Spieker C, Zumkley H, Kisters K, van Husen N, Högemann B, Winterberg B, Lohmann J, Bertram HP, Lison AE, Fromme HG. Trace Elements in Medicine 1985; 1: 7-9

Beziehung zwischen oraler Aluminiumbelastung und Aluminium-Gewebe-Konzentration.

Spieker C, Zumkley H, Kisters K, Högemann B, van Husen N, Lohmann J, Bertram HP, Lison AE, Fromme HG, Winterberg B. Nieren- und Hochdruckkrankheiten 1985; 4: 134-136