

Publikationen, Lehrtätigkeit**PD Dr. med. Christian Binggeli****A. Originalarbeiten**

- OA 1 Noll G, Wenzel RR, Schneider M, Oesch V, Binggeli C, Shaw S, Weidmann P, Luscher TF. Increased Activation of Sympathetic Nervous System and Endothelin by Mental Stress in Normotensive Offspring of Hypertensive Parents. *Circulation*. 1996;93:866-869.
- OA 2 Wenzel RR, Allegranza G, Binggeli C, Shaw S, Weidmann P, Luscher TF, Noll G. Differential activation of cardiac and peripheral sympathetic nervous system by nifedipine: role of pharmacokinetics. *J Am Coll Cardiol*. 1997;29:1607-14.
- OA 3 Binggeli C, Duru F, Corti R, Sudano I, Spieker LE, Turina A, Westermann P, Ostermeier M, Rahn M, Luscher TF, Noll G, Candinas R. Autonomic nervous system-controlled cardiac pacing: a comparison between intracardiac impedance signal and muscle sympathetic nerve activity. *Pacing Clin Electrophysiol*. 2000;23:1632-7.
- OA 4 Fleisch M, Sutsch G, Yan XW, Wenzel RR, Binggeli C, Bianchetti MG, Meier B, Kiowski W, Luscher TF. Systemic, pulmonary, and renal hemodynamic effects of endothelin ET(A/B)-receptor blockade in patients with maintained left ventricular function. *J Cardiovasc Pharmacol*. 2000;36:302-9.
- OA 5 Spieker LE, Corti R, Binggeli C, Luscher TF, Noll G. Baroreceptor dysfunction induced by nitric oxide synthase inhibition in humans. *J Am Coll Cardiol*. 2000;36:213-8.
- OA 6 Corti R, Binggeli C, Turina M, Jenni R, Luscher TF, Turina J. Predictors of long-term survival after valve replacement for chronic aortic regurgitation; is M-mode echocardiography sufficient? *Eur Heart J*. 2001;22:866-73.
- OA 7 Binggeli C, Corti R, Sudano I, Luscher TF, Noll G. Effects of chronic calcium channel blockade on sympathetic nerve activity in hypertension. *Hypertension*. 2002;39:892-6.
- OA 8 Corti R, Binggeli C, Sudano I, Spieker L, Hanseler E, Ruschitzka F, Chaplin WF, Luscher TF, Noll G. Coffee acutely increases sympathetic nerve activity and blood pressure

independently of caffeine content: role of habitual versus nonhabitual drinking. *Circulation*. 2002;106:2935-40.

- OA 9 Spieker LE, Sudano I, Hurlimann D, Lerch PG, Lang MG, Binggeli C, Corti R, Ruschitzka F, Luscher TF, Noll G. High-density lipoprotein restores endothelial function in hypercholesterolemic men. *Circulation*. 2002;105:1399-402.
- ¹OA 10 Andreas S, Binggeli C, Mohacsi P, Luscher TF, Noll G. Nasal oxygen and muscle sympathetic nerve activity in heart failure. *Chest*. 2003;123:366-71.
- OA 11 Bechir M, Binggeli C, Corti R, Chenevard R, Spieker L, Ruschitzka F, Luscher TF, Noll G. Dysfunctional baroreflex regulation of sympathetic nerve activity in patients with vasovagal syncope. *Circulation*. 2003;107:1620-5.
- OA 12 Binggeli C, Spieker LE, Corti R, Sudano I, Stojanovic V, Hayoz D, Luscher TF, Noll G. Statins enhance postischemic hyperemia in the skin circulation of hypercholesterolemic patients: a monitoring test of endothelial dysfunction for clinical practice? *J Am Coll Cardiol*. 2003;42:71-7.
- OA 13 Binggeli C, Rickli H, Ammann P, Brunckhorst C, Hufschmid U, Luechinger R, Duru F. Induction Ovens and Electromagnetic Interference: What is the Risk for Patients with Implantable Cardioverter Defibrillators ? *J Cardiovasc Electrophysiol*, Vol. 16, pp 399-401. April 2005.
- OA 14 Stojanovic V, Küng F, Spieker L, Binggeli C, Sudano I, Hayoz D, Lüscher TF, Noll G. Endogenous Estrogens Increase Postischemic Hyperemia in the Skin Microcirculation. *J Cardiovasc Pharmacol*. 2005 May;45(5):414-417
- OA 15 Brunckhorst CB, Lemola K, Holzmeister J, Scharf Ch, Altwegg S, Binggeli C, Hellermann JP, Enseleit F, Duru F. Synkopenabklärung mittels implantierbarem Loop Recorder – Langzeiterfahrung eines Zentrums, *Praxis* 2005;94:105–112.
- OA 16 Sudano I, Spieker L, Binggeli C, Ruschitzka F, Lüscher T F, Noll G, Corti R. Coffee Blunts Mental Stress–Induced Blood Pressure: Increase in Habitual but Not in Nonhabitual Coffee Drinkers, *Hypertension*. 2005;46:521-526.

- OA 17 Hermann F, Spieker LE, Ruschitzka F, Sudano I, Hermann M, Binggeli C, Luscher TF, Riesen W, Noll G, Corti R. Dark chocolate improves endothelial and platelet function. *Heart*. 2006 Jan;92(1):119-20.
- OA 18 Wolber T, Maeder M, Rickli H, Riesen W, Binggeli C, Duru F, Ammann P. Use of N-Terminal Pro-Brain Natriuretic Peptide for Non-invasive Prediction of Coronary Stenosis, *Eur J Clin Invest*. 2007 Jan;37(1):18-25
- OA 19 Wolber T, Binggeli C, Holzmeister J, Brunckhorst C, Strobl U, Boes C, Moser R, Becker D, Duru F. Wavelet-based Tachycardia Discrimination in ICDs: Impact of Posture and Electrogram Configuration. *Pacing Clin Electrophysiol*. 2006 Nov;29(11):1255-60
- OA 20 Wolber T, Ryf S, Binggeli C, Holzmeister J, Brunckhorst C, Luechinger R, Duru F. Potential Interference of Small Neodymium Magnets with Cardiac Pacemakers and Implantable Cardioverter Defibrillators. *Heart Rhythm*. 2007 Jan;4(1):1-4. Epub 2006 Sep 16
- OA 21 Wolber T, Ryf S, Binggeli C, Holzmeister J, Brunckhorst C, Luechinger R, Duru F. Anxiolytic therapy with alprazolam increases muscle sympathetic activity in patients with panic disorders. *Auton Neurosci*. 2007 Jul 31;134(1-2):69-73. Epub 2007 Mar 23.
- OA 22 Bechir M, Schwegler K, Chenevard R, Binggeli C, Caduff C, Buchi S, Buddeberg C, Luscher TF, Noll G. Anxiolytic therapy with alprazolam increases muscle sympathetic activity in patients with panic disorders. *Auton Neurosci*. 2007 Jul 31;134(1-2):69-73. Epub 2007 Mar 23

B. Übersichtsarbeiten

- UA 1 Binggeli C, Wenzel RR, Noll G. Sympathisches Nervensystem und Endothelfunktion bei Herzinsuffizienz. Schw Rundsch Med (Praxis) 85, Nr. 8, 234-244 (1996)
- UA 2 Spieker LE, Binggeli C, Lüscher TF, Noll G. Mitleid und Herzschmerz: Neues vom Sympathikus. Schweiz Med Wochenschr 1997 Nov 29;127(48):1986-92
- UA 3 Corti R, Binggeli C, Sudano I, Spieker LE, Wenzel R R, Lüscher, TF, Noll G. The Beauty and the Beast: Aspects of the Autonomic Nervous System. News Physiol Sci, 2000. 15: p. 125-129.
- UA 4 Brunckhorst CB, Holzmeister J, Scharf Ch, Binggeli C, Duru F. Stress, depression and cardiac arrhythmias. Ther Umsch. 2003;60:673-81.
- UA 5 Binggeli C, Candinas R, Brunckhorst C. Psychopharmaceuticals and arrhythmias. Ther Umsch. 2004;61:279-83.
- UA 6 Sudano I, Binggeli C, Spieker L, Luscher TF, Ruschitzka F, Noll G, Corti R. Cardiovascular effects of coffee: is it a risk factor? Prog Cardiovasc Nurs. 2005 Spring;20(2):65-9.
- UA 7 Corti R, Sudano I, Spieker L, Binggeli C, Hermann F, Toenz D, Noll G. Coffee -poison or medicine? Ther Umsch. 2005 Sep;62(9):629-33
- UA 8 Binggeli C, Brunckhorst C, Duru F. Psychopharmaka als Auslöser von Herzrhythmusstörungen. Arzneim.-, Therapie-Kritik 38, 213-220 (2006)

C. Buchkapitel

Binggeli C, Sudano I, Noll G, Lüscher TF.

Antioxidants and endothelial function: Human studies.

In: Antioxidants and cardiovascular disease.

J.C. Tardif, M.G. Bourassa eds. Kluwer Academic Publishers, Dordrecht, The Netherlands, 2000; pp.117-134

Corti R, Sudano I, Binggeli C, Nava E, Noll, Lüscher TF.

Endothelial dysfunction and hypertension. In: Vascular endothelium in human physiology and

pathophysiology Webb D, Vallance P eds. Harwood academic publishers, Amsterdam, 2000; pp. 109-128

D. Lehrtätigkeit

Studentenkurse: (2006 -)

Internistische Visite 6. SJ

Auskultationskurs 3. SJ

Vorlesungen: (2006 -)

Pharmakotherapie der Arrhythmien (Themenblock Herz-Kreislauf, 3. SJ)

Diagnostik bei Arrhythmien (Themenblock Herz-Kreislauf, 3. SJ)

Ausbildung Pflegepersonal: (2004 - 2009)

Notfall Pflege: Arrhythmien

Kurs: Pflege bei Herz-Kreislauf-erkrankungen

Klinische Fallbesprechungen, Kardiologie: (2001 -)

Klinische Forschungskonferenz - Kardiovaskuläre Wissenschaften: (2001 -)