

Schriftenverzeichnis Prof. Dr. Martin Wehling

III.

Gedruckte Abstracts

1979

1. Wehling, M.,
On the binding of several amphiphilic drugs to different polar lipids
Naunyn-Schmiedebergs Arch Pharmacol 307, R 10, 1979
2. Burchard, H.J., Wehling, M.
A comparison between drug-induced cardioplegia and hypothermia on myocardial protection during ischemia
Pflügers Arch Physiol 382, R 3, 1979

1980

3. Wehling, M., Whitmer, K.R., Schwartz, A., Grupp, G., Grupp, I., Wallick, E.T., Bihler, I., LaBella, F.S.
Interaction of chlormadinone acetate with ouabain binding site of Na, K-ATPase
Fed Proc 39, 626, 1980

1982

4. Neyses, L., Locher, R., Wehling, M., Vetter, W.
Are there really angiotensin II receptors on human mononuclear cells?
7th European Symposium on hormones and cell regulation, Sainte-Odile/Straßburg, (Abstr.) 1982

1983

5. Wehling, M., Groth, H., Boerlin, H.J., Neyses, L., Locher, R., Kuhlmann, U., Vetter, W.
Effect of atenolol on altered calcium metabolism in red blood cells of hypertensive man
1st European meeting on hypertension, Mailand, (Abstr.) 1983
6. Groth, H., Boerlin, H.J., Wehling, M., Siegenthaler, W., Vetter, W.
Kontinuierliche transdermale Clonidin-Applikation (TTS) bei essentieller Hypertonie
51. Jahresversammlung der Schweizerischen Gesellschaft für Innere Medizin, Luzern, (Abstr.)
1983
7. Wehling, M., Groth, H., Boerlin, H.J., Neyses, L., Locher, R., Kuhlmann, U., Vetter, W.
Altered cation metabolism in red blood cells of hypertensive man
Fed Proc 42, 293, 1983

8. Neyses, L., Locher, R., Pech, H., Wehling, M., Vetter, W.
Angiotensin II binding to human mononuclear cells: receptor or free fluid endocytosis?
1st European meeting on hypertension, Mailand, (Abstr.) 1983
9. Groth, H., Vetter, H., Baumgart, P., Boerlin, H.J., Wehling, M., Siegenthaler, W., Vetter, W.
Weekly transdermal clonidine administration in essential hypertension: a new therapeutic approach
1st European meeting on hypertension, Mailand, (Abstr.) 1983

1984

10. Groth, H., Achermann, R., Neyses, L., Foerster, E., Wehling, M., Siegenthaler, W., Vetter, W.
Diuretika und Antihypertensiva bei chronischer Niereninsuffizienz: Wirkungsvergleich von
Metolazon und Furosemid
52. Jahresversammlung der Schweizerischen Gesellschaft für Innere Medizin, Lugano, (Abstr.)
1984

1985

11. Wehling, M., Pech, H., Neyses, L., Siegenthaler, W., Vetter, W.
in vivo and in vitro conditions of abnormal calcium metabolism in red blood cells of hypertensive
man
Klin Wochenschr 63 (Suppl IV), 255, 1985

1986

12. Wehling, M., Armanini, D., Strasser, T., Weber, P.C.
Aldosterone influences the potassium and sodium concentration in human mononuclear leukocytes
Clin Exp Hypertension A8, 142, 1986
13. Wehling, M.,
Disturbed calcium and sodium metabolism in red blood cells of hypertensive man: cause or sequel
of increased arterial pressure?
Clin Exp Hypertension A8, 134, 1986
14. Wehling, M., Armanini, D., Kuhnle, U., Weber, P.C.
Intralymphocytic Na and K in patients with pseudohypoaldosteronism
Fed Proc 45, 327, 1986
15. Armanini, D., Wehling, M., Witzgall, H., Weber, P.C., Keller, U., Kuhnle, U.
Mineralocorticoid receptors (MR) and sodium and potassium content in mononuclear leukocytes
(MNL) from two cases of pseudohypoaldosteronism (PHA) and their families
J Endocrinol Invest 9 (Suppl 1), 25, 1986

16. Wehling, M., Weber, P.C., Armanini, D.
Binding of glycyrrhetic acid and carbenoxolone to mineralocorticoid receptors and their effect on the sodium and potassium content of human mononuclear leukocytes
Satellite symposium "Corticoids and peptide hormones in hypertension" of the 11th scientific meeting of the International Society of Hypertension, Mannheim, (Abstr.) 1986
 17. Armanini, D., Wehling, M., Kuhnle, U., Weber, P.C.
Mineralocorticoid effector mechanisms in human mononuclear leukocytes in different clinical situations
Satellite symposium "Corticoids and peptide hormones in hypertension" of the 11th scientific meeting of the International Society of Hypertension, Mannheim, (Abstr.) 1986
 18. Fallo, F., Armanini, D., Kuhnle, U., Wehling, M., Dörr, H., Sonino, N.
Mineralocorticoid receptors in patients with dexamethasone-suppressible hyperaldosteronism
J Endocrinol Invest 9 (Suppl 1), 33, 1986
 19. Wehling, M., Armanini, D., Weber, P.C.
Effect of aldosterone on sodium and potassium concentrations in human mononuclear leukocytes
Circulation 74 (Suppl 2), 80, 1986
 20. Müller, T., Wehling, M., Weil, J., Witzgall, H., Gerzer, R.
Influences of clonidine and dihydralazine on hemodynamic and hormonal effects of acute volume loading in man
Satellite symposium "Neurotransmission and neuromodulation" of the 11th scientific meeting of the International Society of Hypertension, Heidelberg, (Abstr.) 1986
 21. Wehling, M., Armanini, D., Kuhnle, U., Weber, P.C.
Effect of aldosterone on potassium and sodium concentrations in human mononuclear leukocytes from normal subjects and a patient with pseudohypoaldosteronism
Tagung der Deutschen Gesellschaft für Endokrinologie, München, (Abstr.) 1986
 22. Kuhnle, U., Armanini, D., Fallo, F., Wehling, M., Dörr, H., Sonino, N., Mantero, F.
Plasma mineralocorticoid activity, mineralocorticoid receptors and intracellular electrolytes in patients with dexamethasone-suppressible hyperaldosteronism
Tagung der Deutschen Gesellschaft für Endokrinologie, München, (Abstr.) 1986
- 1987**
23. Wehling, M., Aepfelbacher, M., Theisen, K.
In-vitro-Effekte von Aldosteron auf das intrazelluläre Kalzium in Leukozyten
Z. Kardiol. 76 (Suppl 1), 122, 1987

24. Wehling, M., Kuhls, S., Witzgall, H., Kuhnle, U., Armanini, A., Theisen, K.
Effects of aldosterone on intralymphocytic sodium and potassium in primary aldosteronism
Circulation 76, IV-131, 1987
25. Armanini, D., Karbowiak, I., Wehling, M., Scali, M., Hamilton, C., Weber, P.C.
Carbenoxolone (CNX) and pseudohyperaldosteronism: clinical study and mineralocorticoid effector mechanism in human mononuclear leukocytes (HML)
Meeting of the Endocrine Society, Indianapolis, (Abstr.) p 515, 1987

1988

26. Wehling, M., Armanini, D., Kuhls, S.
Defective mineralocorticoid effector mechanism in human mononuclear leukocytes of patients with primary and secondary aldosteronism
Acta Endocrinol 117 (Suppl), 227, 1988
27. Armanini, D., Scali, M., Sonini, N., Karbowiak, I., Wehling, M., Weber, P.C.
Pseudohyperaldosteronism from liquorice: further insight into pathogenesis
70th Annual Meeting, the Endocrine Society, New Orleans, (Abstr.) p 56, 1988

1989

28. Wehling, M., Armanini, D.
Rezeptor-Effektorbeziehungen für Mineralokortikoide bei mononukleären Leukozyten: Validierung und Applikation auf verschiedene Störungen des Wasser- und Elektrolythaushaltes beim Menschen
Clin Exp Hypertension A11, 669, 1989
29. Wehling, M., Theisen, K.
Rezeptor-Effektorbeziehungen für den Einfluß von Aldosteron auf menschliche mononukleäre Leukozyten bei verschiedenen Störungen des Wasser- und Elektrolythaushaltes
Z Kardiol 78, 418, 1989
30. Wehling, M., Frey, A., Lösli, M., Middeke, M., Theisen, K.
ST-segment-depressions versus spontaneous changes of blood pressure and heart rate in patients with hypertensive heart disease
Eur Heart J 10 (Abstract Suppl), 202, 1989
31. Wehling, M., Zimmermann, J., Theisen, K.
Renal effects of ibopamin versus furosemide in patients with mild heart failure
Eur Heart J 10 (Abstract Suppl), 76, 1989

32. Wehling, M., Zimmermann, J., Theisen, K.
Renal and Hemodynamic Effects of Ibopamin: Comparison to furosemide in patients with mild heart failure
1. International Symposium on Heart Failure Mechanisms and Management, Jerusalem, (Abstr.) 1989
33. Wehling, M., Zimmermann, J., Theisen, K.
Renale Wirkungen von Ibopamin versus Furosemid bei Patienten mit milder Herzinsuffizienz
Z Kardiologie 78 (Suppl 4), 44, 1989
34. Kuhls, S., Wehling, M., Armanini, D.
Volume regulation of human lymphocytes by aldosterone in isotonic media
Acta Endocrinol (Kbh) 120, 116, 1989
35. Wehling, M., Frey, A., Lössl, M., Middeke, M., Theisen, K.
Transient ischemias in hypertensive heart disease: Are ST-segment-depressions related to spontaneous changes of blood pressure ?
Fourth European Meeting on Hypertension, Mailand, (Abstr.) 1989
36. Wehling, M., Frey, A., Lössl, M., Middeke, M., Theisen, K.
Sind ST-Streckensenkungen bei Patienten mit hypertensiver Herzerkrankung mit Änderungen von Blutdruck und Herzfrequenz korreliert ?
Hochdruck 9, 66, 1989
37. Wehling, M., Kuhls, S., Kuhnle, U., Theisen, K.
Effects of aldosterone on intralymphocytic sodium and potassium in patients with essential hypertension
Tagung der Deutschen Gesellschaft für Endokrinologie in Karlsruhe, (Abstr.) 1989
38. Wehling, M., Kuhls, S.
Extrarenal receptors and electrolyte effects of mineralocorticoids: Significance of the human lymphocyte model for disorders of the water- and electrolyte-metabolism.
The Endocrine Society, 71st Annual meeting, Seattle, (Abstr.) 1989
39. Frey, A., Dietrich, H. A., Strasser, Th., Lehr, A. K., Wehling, M., Theisen, K.
Non-invasive finger artery pressure measurements underestimate the effect of nitroglycerine on ventricular afterload reduction
Int. Congress on Methods in Clinical Pharmacology, Wiesbaden, (Abstr.) 1989

40. Wehling, M., Käsmayr, J., Theisen, K.
Aldosteron erhöht das freie intrazelluläre Kalzium in menschlichen mononukleären Leukozyten
Clin Exp Hypertension A12, 470, 1990
41. Wehling, M., Käsmayr, J., Theisen, K.
Non-genomic effects of aldosterone on electrolytes in human lymphocytes are transmitted by the sodium-proton-exchanger of the cell membrane
J Mol Cell Cardiol 22 (Suppl 1), S18, 1990
42. Wehling, M., Zimmermann, J., Weil, J., Gerzer, R., Theisen, K.
Humorale Wirkungen von Ibopamin im Vergleich zu Furosemid bei Patienten mit Herzinsuffizienz
Z Kardiologie 79 (Suppl 1), 24, 1990
43. Wehling, M., Käsmayr, J., Theisen, K.
Hinweise für direkte Membranwirkungen von Aldosteron am menschlichen Lymphozyten
Z Kardiologie 79 (Suppl 1), 101, 1990
44. Wehling, M., Käsmayr, J., Theisen, K.
Fast effects of aldosterone on electrolytes in human lymphocytes are mediated by the sodium-proton-exchanger of the cell membrane
Acta Endocrinol (Kbh) 122 (Suppl 1), 159, 1990
45. Frey, A., Wehling, M., Lössl, M., Gröber, A., Middecke, M., Theisen, K.
Können ST-Senkungen im Langzeit-EKG bei hypertensiven Patienten als transiente Ischämien interpretiert werden?
Z Kardiologie 79 (Suppl 1), 80, 1990
46. Käsmayr, J., Theisen, K., Wehling, M.
Die Aktivität des Na⁺/H⁺-Austauschers und das Zellvolumen von Lymphozyten essentieller Hypertoniker sind erhöht
Hochdruck 10, 73, 1990
47. Wehling, M.
Ibopamin: renale und neurohumorale Effekte
Dopaminerge Rezeptoren und innovative Therapiekonzepte der Herzinsuffizienz
Kardio 8 (Suppl 4), 9 -10, 1990

48. Wehling, M., Kasmayr, J., Theisen, K.
Evidence for rapid non-genomic effects of mineralocorticoids Involving the sodium-proton-exchanger of the cell membrane a possible explanation for the Vasodilatory action of amiloride analogues
XII th Congress of the European Society of Cardiology, Stockholm, Sweden, September 16-20, 1990 Eur Heart J 11 (Abstr. Suppl), 31, 1990

49. Wehling, M, Käsmayr, J, Theisen, K
Fast effects of aldosterone on electrolytes in human lymphocytes are mediated by the sodium-proton-exchanger of the cell membrane
FASEB J 4, A831, 1990

1991

50. Wehling, M., Käsmayr, J., Theisen, K., Müller, O.-A.
The early mineralocorticoid effector mechanism, the sodium-proton-exchanger, is sensitized in lymphocytes from patients with Cushing's disease
Acta Endocrinol (Kbh) 124 (Suppl 1), 256, 1991

51. Wehling, M.
Demonstration von Mineralokortikoidwirkungen an mononukleären Leukozyten
Fortschritte Med 109, 378, 1991

1992

52. Wehling, M., Christ, M., Theisen, K.
Evidence for high affinity aldosterone receptors in plasma-membrane rich preparations from human mononuclear leukocytes
Acta Endocrinol 126 (Suppl 4), 102, 1992

53. Wehling, M., Christ, M., Theisen, K.
Rapid effects of aldosterone on the sodium-proton-exchanger in human lymphocytes: are membrane receptors involved ?
FASEB J 6, A1288, 1992

54. H. Mudra, M.C. Haufe, M. Wehling, V. Klauss, M.H. Wilke, K. Theisen
Modifiziertes Antikoagulationsschema verhindert Thrombosierung von Palmaz-Schatz-Koronarstents
Z Kardiol 81 (Suppl1), 97, 1992

55. M. Christ, K. Theisen, M. Wehling
Sind membranständige Rezeptoren für Kreislaufwirkungen von Aldosteron relevant ?
Z Kardiol 81 (Suppl1), 125, 1992
56. Wehling, M., Christ, M., Theisen, K.
Membrane receptors for aldosterone: a new pathway for cardiovascular effects of steroids
Eur Heart J 13, S251, 1992
57. Wehling, M., Christ, M., Theisen, K.
High affinity aldosterone-specific membrane receptors in human lymphocytes
The Endocrine Society, 74th Annual meeting, San Antonio, (Abstr.) 1992
58. Christ, M., Eisen, C., Theisen, K., Wehling, M.
The inositol-1,4,5-trisphosphate system is involved in rapid non-genomic effects of aldosterone in human lymphocytes
17th European Symposium on Hormones and Cell Regulation, 25. - 28. September, (Abstr.) 1992
59. Klauss, V., Wunderow, T., Huber, R., Mudra, H., Rauschmeier, K., Kors, A., Theisen, K., Wehling, M.
Perindopril bei chronischer Herzinsuffizienz: Einfluß auf anaerobe Schwelle, Belastungstoleranz und Auswurfraction
Z. Kardiol. 81 (Suppl 3), 40, 1992

1993

60. Wehling, M., Eisen, C., Aktas, J., Theisen, K., Christ, M.
The inositol-1,4,5-trisphosphate system is involved in rapid nongenomic effects of aldosterone in human mononuclear leukocytes
Exp Clin Endocrinol 101 (Suppl 1), 109, 1993
61. Christ, M., Douwes, K., Theisen, K., Wehling, M.
Rapid aldosterone action on the Na⁺/H⁺-antiport of vascular smooth muscle cells: a new pathway of steroid action
J Am Coll Cardiol 21, 162A, 1993
62. Wehling, M., Eisen, Ch., Christ, M., Theisen, K.
Membranrezeptoren für Aldosteron: Charakterisierung durch eine Photoaffinitätsmarkierung
Z Kardiol 82 (Suppl 1), 41, 1993

63. Wehling, M., Christ, M., Klauss, V., Wunderow, Th., Theisen, K.
Zelluläre Volumenregulation bei Herzinsuffizienz: Wirkungen von Diuretika und ACE-Hemmern
Z Kardiol 82 (Suppl 1), 162, 1993
64. Christ M., Douwes, K., Eisen, Ch., Theisen, K., Wehling, M.
Schnelle Aldosteronwirkungen auf den Na⁺/H⁺-Austauscher von glatten Gefäßmuskelzellen
Z Kardiol 82 (Suppl 1), 113, 1993
65. Wehling, M., Christ, M., Camacho, J., Mudra, H., Theisen, K.
Hyperkontraktilität des linken Ventrikels bei Patienten mit arteriellem Hypertonus ohne koronare
Herzerkrankung: Angiographische Daten
Z Kardiol 82 (Suppl 1), 136, 1993
66. Wehling, M., C. Eisen, C., Theisen, K., Christ., M.
Membranrezeptoren für Aldosteron in humanen Lymphozyten: Nachweis eines 50 kD Proteins
Med Klinik 88, 136, 1993
67. Klauss, V., Wunderow, Th., Huber, R., Mudra, H., Rauschmayer, K., Theisen, K., Wehling, M.
Perindopril in mild to moderate heart failure: effects on anaerobic threshold, exercise tolerance and
ejection fraction
2nd International Symposium on Heart Failure - Mechanisms and Management, Geneva, (Abstr.)
1993
68. Wehling, M., Eisen, C., Christ, M., Theisen, K.
Membrane receptors for aldosterone in human lymphocytes: a 50 kD protein on SDS-PAGE
The Endocrine Society, 75th Annual meeting, Las Vegas, (Abstr.) 1993
69. Wehling, M
Aldosterone-specific membrane receptors and rapid non-genomic actions of mineralocorticoids
19th International Aldosterone Conference, Abstr., Las Vegas, 1993
70. Gamarra, F., Grundler, S., Baretton, G., Wehling, M., Goetz, A.E., Huber, R.M.
Ein neues Modell zur In-vitro-Untersuchung der Aufnahme von Photosensibilisatoren im humanen
Bronchialepithel.
Lasermedizin, 9, 138, 1993
71. Christ, M., Douwes, K., Eisen, C., Theisen, K., Wehling, M.
Rapid effects of aldosterone on the Na⁺/H⁺-antiport of vascular smooth muscle cells: A new
pathway of steroid action
Eur Heart J, 14 (Abstr), 389, 1993

72. Wehling, M., Eisen, C., Christ, M., Theisen, K.
A 50 kD protein membrane receptor mediates rapid aldosterone action in human mononuclear leukocytes
Eur Heart J, 14 (Abstr), 183, 1993
73. Wehling, M., Christ, M., Klauss, V., Wunderow, T., Theisen, K.
Regulation of cell volume in patients with chronic heart failure: effects of diuretics and ACE-inhibitors
Eur Heart J, 14 (Abstr), 414, 1993
74. Gamarra, F., Baretton, G., Grundler, S., Christ, M., Wehling, M., Huber R.M.
An new technique to culture human bronchial epithelial cells as mini-organ system in vitro
European Respiratory Society, Florenz, (Abstr) 1993.
75. Wehling, M., Christ, M., Eisen, C., Theisen, K.
Rapid effects of aldosterone on the Na⁺/H⁺ antiporter are mediated by a novel membrane receptor
Circulation 88, I-192, 1993
76. Christ, M., Rauen, P., Klauss, V., Krüger T, Frey, A., Theisen, K., Wehling, M.
Beeinflussung der spontanen Blutdruckveränderungen und ST-Streckenänderungen bei Patienten mit arteriellem Hypertonus durch Betaxolol
17. Tagung der Wissenschaftlichen Sektion der Deutschen Liga zur Bekämpfung des hohen Blutdrucks, (Abstr.) 1993
77. Eisen, Chr., Christ, M., Theisen, K., Wehling, M.
Novel membrane receptors for aldosterone in human lymphocytes: a 50 kD protein on SDS-PAGE
18th European INSERM Symposium on hormones and cell regulation, Sainte-Odile/Straßburg, (Abstr.) 1993
78. Wehling, M., Eisen, Chr., Theisen, K., Christ, M.
The inositol-1,4,5-trisphosphate system is involved in rapid effects of aldosterone in human mononuclear leukocytes
3rd Baker Institute Symposium "Cellular signalling: implications for cardiovascular physiology and medicine", (Abstr.) 1993

1994

79. Wehling M., Douwes K., Eisen C., Bechtner G., Theisen K., Christ M.
Rapid nongenomic effects of aldosterone on sodium transport and cellular signalling in rat vascular smooth muscle cells
20th Annual International Aldosterone Conference, Anaheim, (Abstr.) 1994

80. Christ M., Douwes K., Eisen C., Bechtner G., Theisen K., Wehling M.
Nongenomic effects of aldosterone on Na⁺/H⁺-antiporter in vascular smooth muscle cells
Eur J Endocrinol 130 (Suppl 2), 261, 1994
81. Meyer, C., Christ, M., Wehling, M.
Characterization and solubilization of novel aldosterone binding proteins in porcine liver microsomes
Jahrestagung der Deutschen Hochdruckliga, Münster, (Abstr.) 1994
82. Christ, M., Rauen, P., Krüger, T., Klauss, V., Frey, A., Theisen, K., Wehling, M.
Spontaneous changes of ST-segment depression, heart rate and blood pressure in hypertensives without coronary artery disease: effects of beta-blockade
4th annual meeting of the German society of clinical pharmacology and therapy, Hannover, 1994
Eur J Clin Pharmacol 47, A96, 1994
83. Wehling, M.
Membrane mineralocorticoid receptor
J Endocrinol 143 (Suppl), O6, 1994
84. Gamarra, F., Ziesenis, A., Grundler, S., Josten, M., Wehling, M., Huber, R. M.
Cultured, three dimensional mini organs of bronchial epithelial cells: A new method for studies on ciliary beat frequency (CBF)
Eur Respir J 7 (Suppl 18), 77S, 1994
85. Grundler, S., Gamarra, F., Wehling, M., Huber, R.M.
An easy technique for in vitro quantification of mucociliary function of the human bronchial epithelium
Eur Respir J 7 (Suppl 18), 76s, 1994
86. Krause, G., Wehling, M., Gerzer, R.
Detection of single-strand conformation polymorphisms in uniformly sized PCR products obtained with consensus primers
Elektrophoreseforum, München, (Abstr.) 1994
- 1995**
87. Wehling, M., Ulsenheimer, A., Schneider, M., Christ, M.
Rapid effects of aldosterone on free intracellular calcium in vascular smooth muscle and endothelial cells
The Endocrine Society, 77th Annual meeting, Washington, (Abstr.) 217, 1995

88. Wehling, M., Ulsenheimer, A., Schneider, M., Christ, M.
Nongenomic effects of aldosterone on free intracellular calcium in cultured vascular smooth muscle and endothelial cells
Naunyn-Schmiedebergs Arch Pharmacol 351, R90, 1995
89. Wehling, M., Ulsenheimer, A., Schneider, M., Christ, M., Funder, J., Neylon, C.
Rapid effects of aldosterone on free intracellular calcium in vascular smooth muscle and endothelial cells: analysis of signalling mechanisms and subcellular localization of calcium elevations by single cell imaging
21th Annual International Aldosterone Conference, Washington, (Abstr.) 1995
90. Christ, M., Ulsenheimer, A., Meyer, C., Sippel, K., Theisen, K., Wehling, M.
Intrazelluläre Signaltransduktionsmechanismen der nichtgenomischen Aldosteronwirkung in glatten Gefäßmuskelzellen
Z Kardiol 84 (Suppl 1), 128, 1995
91. Christ, M., Rauen, P., Krüger, T., Klaus, V., Frey, A., Theisen, K., Wehling, M.
Spontaneous changes of heart rate, blood pressure and ST-segment depression in hypertensives without coronary artery disease: beneficial effects of beta-blockade
Naunyn-Schmiedebergs Arch Pharmacol 351, R15, 1995
92. Christ, M., Schneider, M., Ulsenheimer, A., Douwes, K., Meyer, C., Wehling, M.
Rapid, nongenomic aldosterone effects on phosphoinositide hydrolysis and intracellular free calcium in rat vascular smooth muscle cells
Exp Clin Endocrinol Diabetes 103 (Suppl 1), 98, 1995
93. Christ, M., Rauen, P., Klaus, V., Krüger, T., Frey, A., Theisen, K., Wehling, M.
Pathophysiologie spontaner ST-Segment-Senkungen bei Hypertonikern ohne koronare Herzerkrankung
Med Klinik 90 (Suppl II), 121, 1995
94. Wehling, M.
Nongenomic steroid effects: concepts of the 90`s
5. Jahrestagung der Deutschen Gesellschaft für Klinische Pharmakologie und Therapie, Erfurt, 9. - 11. 11. 1995
95. Krause, G., Wehling, M.
An RNA separation system for use in gene expression studies
Biological Chemistry Hoppe-Seyler 376 (Suppl), S120, 1995

96. Christ, M., Meyer, C., Manegold, J., Sippel, K., Theisen, K., Wehling, M.
Phospholipase C and protein kinase C are involved in rapid aldosterone action in vascular smooth muscle cells
Eur Heart J 16 (Abstr. Suppl), 112, 1995

1996

97. Christ, M., Douwes, K., Meyer, C., Theisen, K., Wehling, M.
Akuteffekte von Aldosteron auf die intrazellulären Diazylglycerolspiegel und die intrazelluläre Proteinkinase C Aktivität von Gefäßmuskelzellen
Z Kardiol 85 (Suppl 2), A130, 1996
98. Christ, M., Bauer, M., Ulsenheimer, A., Schneider, M., Wehling, M.
Intrazellulärer pH nach akuter Aldosteronstimulation in glatten Gefäßmuskelzellen: Vergleich mit Angiotensin II und PDGF
Z Kardiol 85 (Suppl 2), A1021, 1996
99. Christ, M., Bauer, M., Ulsenheimer, A., Schneider, M., Wehling, M.
Acute changes of intracellular pH after aldosterone stimulation in vascular smooth muscle cells: comparison with other agonists
Naunyn-Schmiedebergs Arch Pharmacol 354, R 71, 1996
100. Ulsenheimer, A., Christ, M., Douwes, K., Meyer, C., Wehling, M.
Aldosterone acutely increases intracellular diacylglycerol levels and protein kinase C activity in vascular smooth muscle cells
Naunyn-Schmiedebergs Arch Pharmacol 354, R 70, 1996
101. Wehling, M.
Nongenomic steroid effects: new concepts in basic research -are they clinically relevant ?
Naunyn-Schmiedebergs Arch Pharmacol 354, R 151, 1996
102. Eisen, C., Meyer, C., Dressendörfer, R., Wehling, M.
Newly synthesized steroid derivatives: a useful tool for the characterization of membrane steroid binding sites and in the development of non-radioactive immunoassays
Naunyn-Schmiedebergs Arch Pharmacol 354, R 46, 1996
103. Gamarra, F., Thein, F., Leberig, A., Kleinsasser, N., Wehling, M., Huber, R.M.
Cell proliferation in three dimensionally cultured human respiratory epithelium
Am J Resp Crit Care Med 153, A724, 1996

104. Thein, F., Huber, R. M., Kleinsasser, N., Bals, R., Wehling, M., Gamarra, F.
Proliferation and vitality of three dimensional organ cultures of human respiratory epithelium after hyperthermia and mechanical lesion
Eur Respir J 23 (Suppl 9), 187S, 1996
105. Wehling, M., Zange, J., Müller, K., Gerzer, R.
Non-genomic effects of aldosterone on phosphocreatine levels in human calf muscle during recovery from exercise
6. Jahrestagung der GKPharm, Dresden
Eur J Clin Pharmacol 50 (Abstr.), 536, 1996
106. Christ, M., Ulsenheimer, A., Schneider, M., Wehling, M.
The PKC-system is involved in aldosterone induced changes of intracellular pH in smooth muscle cells
6. Jahrestagung der GKPharm, Dresden
Eur J Clin Pharmacol 50 (Abstr.), 540, 1996
- 1997**
107. Falkenstein, E., Meyer, C., Wehling, M.
Cardiovascular actions of steroid hormones: purification and sequencing of the first putative steroid membrane receptor
J Am Coll Cardiol 29 (Suppl A), 54A, 1997
108. Christ, M., Manegold, J., Sippel, K., Wehling, M.
Schnelle Aldosteroneffekte auf Gefäßmuskelzellen: Beteiligung des PKC-Systems
Med. Klinik 92 (Suppl II), 142, 1997
109. Schmidt, B., Gamarra, F., Simic-Schleicher, G., Huber, R.M., Ulsenheimer, A., Scriba, P.C., Wehling, M.
Rapid mineralocorticoid action on free intracellular calcium is impaired in pseudohypoaldosteronism
Naunyn-Schmiedebergs Arch Pharmacol 355S, R118, 1997
110. Christ, M., Zange, J., Müller, K., Gerzer, R., Wehling, M.
In vivo effects of aldosterone on phosphocreatine levels in humans during recovery from exercise
Naunyn-Schmiedebergs Arch Pharmacol 355S, R117, 1997
111. Falkenstein, E., Meyer, C., Wehling, M.
Characterization, purification and sequencing of a progesterone membrane binding protein
Naunyn-Schmiedebergs Arch Pharmacol 355S, R21, 1997

112. Falkenstein, E., Meyer, C., Wehling, M.
Purification and sequencing of a progesterone membrane binding protein
FASEB J 11, A322, 1997
113. Christ, M., Zange, J., Müller, K., Gerzer, R., Wehling, M.
Nichtgenomische Aldosteroneffekte auf die Phosphokreatin-Spiegel der menschlichen Wade
während der Erholungsphase nach submaximaler Belastung
Z Kardiol 86 (Suppl 2), A1202, 1997
114. Christ, M., Spes, C., Win, N., Janson, C., Schmidt, B.M.W., Theisen, K., Wehling, M.
Rapid aldosterone effects in the cardiovascular system of man
23rd International Aldosterone Conference, 22, 1997
115. Christ, M., Sippel, K., Schneider, M., Wehling, M.
Nongenomic and genomic effects of steroids on intracellular calcium and NO-release in cultured
porcine endothelial cells
Endocrine Soc ENDO '97 P1-569, 1997
116. Mertes, B., Mueller, U. A., Hoeffken, K., Wehling, M., van der Woude, F. J.
Unnecessary costs provoked by prescription of drugs for the treatment of diabetes related long-
term complications in East-Germany
Diabetologia 40 (Suppl 1), A662, 1997
117. Christ, M., Schneider, M., Ulsenheimer, A., Wehling, M.
Nongenomic effects of aldosterone on intracellular calcium in porcine endothelial cells
Eur J Clin Pharmacol 52, A6, 1997
118. Feuring, M., Gamarra, F., Simic-Schleicher, G., Huber, R.M., Ulsenheimer, A., Scriba, P.C.,
Wehling, M.
Rapid nongenomic mineralocorticoid action and its impaired function in pseudohypoaldosteronism
Eur J Clin Pharmacol 52, A11, 1997
119. Schmidt, B.M.W., Janson, C., Wehling, M.
Carvedilol in chronic heart failure
Eur J Clin Pharmacol 52, A15, 1997
120. Wehling, M.
Betablockers in heart failure: which, when, why ?
Eur J Clin Pharmacol 52, A54, 1997

121. Boissel, J.P., Bouvenot, G., Husson, J.M., Imbs, J.L., Jaillon, P., Sitsen, M.A., Tognoni, G., Van Ganse, E., Velo, G., Wehling, M.
European course of pharmaceutical medicine: outline of the project
Eur J Clin Pharmacol 52, A30, 1997
122. Schmidt, B.M.W., Janson, C., Wehling, M.
Carvedilol in chronic heart failure - life saving ?
Eur J Clin Pharmacol 52, A62, 1997
123. Christ, M., Schmidt, B.M.W., Heck, M., Metz, B., Wehling, M.
Steroid induced changes of intracellular calcium and NO-release in cultured endothelial cells
Eur J Clin Pharmacol 52, A66, 1997
124. Wehling, M., Meyer, C., Gerdes, D., Falkenstein, E.
Characterization, purification and sequencing of a progesterone membrane binding protein
Eur J Clin Pharmacol 52, A79, 1997
125. Schmidt, B.M.W., Janson, C., Wehling, M.
Lipid-lowering pharmacotherapy - payable ?
Eur J Clin Pharmacol 52, A175, 1997
126. Christ, M.
ST-analysis and heart rate variability: how valid as surrogate parameters?
Eur J Clin Pharmacol 52, A2, 1997
- 1998**
127. Christ, M., Heck, M., Wolfram, G., Wehling, M.
Steroids modulate NO-release of endothelial cells
Exp Clin Endocrinol Diabetes 106 (Suppl 1), S36, 1998
128. Schmidt, B.M.W., Christ, M., Spes, C., Win, N., Janson, C., Theisen, K., Wehling, M.
Rapid, non-genomic effects of aldosterone on the cardiovascular system
Exp Clin Endocrinol Diabetes 106 (Suppl 1), S36, 1998
129. Wehling, M.
Nicht-genomische Wirkungen von Steroidhormonen
Med-Report 22, 2, 1998

130. Wehling, M., Schmidt, B.M.W.
Transfer von Grundlagenwissen in die klinische Anwendung: Nicht-genomische Steroidwirkungen
Vortrag auf dem Symposium "Wo und wie kann der klinische Pharmakologe dem Internisten
hilfreich sein ? Vorsitz: M. Wehling, W. Kirch
104. Kongreß der Deutschen Gesellschaft für Innere Medizin
Med Klinik 93 (Abstr. Band I), 25, 1998
131. Christ, M., Heck, M., Wolfram, G., Kirsch, E., Wehling, M.
Steroid-induzierte Modulation der endothelabhängigen Stickoxid-Freisetzung
Med Klinik 93 (Abstr. Band I), 82, 1998
132. Feuring, M., Cassel, W., Gasser, S., Thun, B., Grote, L., Wehling, M., Peter, J.H., von Wichert, P.
Moxonidine and its safety in patients with mild-to moderate hypertension and chronic pulmonary
disease
Naunyn Schmiedeberg's Arch Pharmacol 357, R165, 1998
133. Christ, M., Heck, M., Kirsch, E., Wolfram, G., Wehling, M.
Modulation of endothelial dependent vasoregulation by steroids: involvement of soluble guanylate
coclase expression and calcium
Naunyn-Schmiedebergs Arch Pharmacol 357, R48, 1998
134. Schmidt, B.M.W., Janson, C.P., Feuring, M., Christ, M., Wehling, M.
Therapy of chronic heart failure – a metaanalysis of the carvedilol studies
Naunyn-Schmiedebergs Arch Pharmacol 357, R162, 1998
135. Christ, M., Spes, C., Win, N., Janson, C., Theisen, K., Wehling, M.
Aldosterone rapidly influences systemic vascular resistance in man
99th Ann. Meeting of the Am Soc Clin Pharmacol
Clin Pharmacol Ther 63 (Abstr.), 176, 1998
136. Christ, M., Heck, M., Wolfram, G., Wehling, M.
Steroids modulate endothelial NO-release by changing signalling pathways
99th Ann. Meeting of the Am Soc Clin Pharmacol
Clin Pharmacol Ther 63 (Abstr.), 176, 1998
137. Schmidt, B.M.W., Janson, C.P., Feuring, M., Christ, M., Wehling, M.
Carvedilol reduziert die Letalität von Patienten mit chronischer Herzinsuffizienz – eine Metaanalyse
Z Kardiol (Suppl 1) 87, 89, 1998

138. Christ, M., Zange, J., Janson, C., Müller, K., Gerzer, R., Wehling, M.
Hypoxie moduliert schnelle, Aldosteron-induzierte Effekte auf den oxidativen Metabolismus der menschlichen Wadenmuskulatur
Z Kardiol (Suppl 1) 87, 232, 1998
139. Schmidt, B.M.W., Janson, C.P., Wehling, M.
Carvedilol reduces mortality in chronic heart failure
99 th Annual Meeting, American Society for Clinical Pharmacology and Therapeutics
Clin Pharmacol Ther 63 (Abstr.), 176, 1998
140. Falkenstein, E.; Schmieding, K., Lange, A.; Gerdes, D., Wehling, M.
Molecular characterisation and localization of a putative progesterone membrane binding protein
Naunyn-Schmiedebergs Arch Pharmacol 357, R21, 1998
141. Feuring, M., Haseroth, K., Janson, C.P., Schmidt, B.M.W., Wehling, M.
Inhibition of platelet aggregation after intake of aspirin detected by platelet function analyser (PFA-100™)
Naunyn-Schmiedebergs Arch Pharmacol 358, R471, 1998
142. Falkenstein, E., Schmieding, K., Lange, A., Gerdes, D., Wehling, M.
Cloning, characterization and localization of a putative progesterone binding protein
Naunyn-Schmiedebergs Arch Pharmacol 358, R566, 1998
143. Yard, B.A., Köppel, H., Christ, M., Wehling, M., van der Woude, F.J.
Heparin and glycosaminoglycans modulate intracellular calcium in human mesangial cells
XVIth Meeting of the Federation of the European Connective Tissue Societies, (Abstr.) G21,
Uppsala, 1. - 6. August 1998
144. Köppel, H., Yard, B., Christ, M., Wehling, M., van der Woude, F.J.
Modulation of AT1-R mediated Ca-signaling in mesangial cells by glycosaminoglycans
Kidney Blood Press Res 21 (Suppl), 128 (Abstr.) P112, 1998
145. Christ, M., Zange, J., Janson, C.P., Müller, K., Schmidt, B.M.W., Gerzer, R., Wehling, M.
Rapid aldosterone effects on oxidative metabolism of human calf muscle are blocked by hypoxia
Eur J Clin Pharmacol 54, A9, 1998

146. Christ, M., Zange, J., Janson, C., Mueller, K., Schmidt, B. M. W., Gerzer, R., Wehling, M
Hypoxia modulates rapid, aldosterone-induced effects on oxidative metabolism of human calf muscle
Eur Heart J 19 (Abstr. Suppl), 324, 1998
147. Wehling, M., Schmidt, B.M.W.
Intensive care pharmacotherapy: stress ulcer prophylaxis and mucosecretolysis
AINS 33, 604, 1998
148. Falkenstein, E., Schmieding, Gerdes, D., Lange, A., Wehling, M.
Characterization, cloning, tissue expression and localisation of putative steroid membrane receptors
Exp Clin Endocrinol 106, A44, 1998
149. Yard, B. A., Koppel, H., Christ, M., Wehling, M., van der Woude, F. J.
Modulation of ATR1 mediated Ca signaling in mesangial cells by glycosaminoglycans
J Am Soc Nephrol 9 (Abst.), 433A, 1998
150. Schmidt, B.M.W., Montealegre, A., Janson, C.P., Scherhag, A., Christ, M., Feuring, M., Wehling, M.
Rapid aldosterone effects in healthy male volunteers detected by impedance cardiography
Exp Clin Endocrinol 106, A52, 1998
151. Christ, M., Günther, A., Heck, M., Schmidt, B.M.W., Falkenstein, E., Wehling, M.
Aldosterone, not estradiol, is the physiological agonist for rapid increases of cAMP in vascular smooth muscle cells
Circulation 98, I-491, 1998
- 1999**
152. Schmidt, B.M.W., Timmer, W., Georgens, A., Freitag, B., Becker, S., Steinijans, V.W., Christ, M., Hilt, M., Feuring, M., Bethke, T., Wurst, W., Hörmann, K., Wehling M.
The new topical steroid ciclesonide is effective in the treatment of allergic rhinitis
Naunyn-Schmiedeberg's Arch Pharmacol 359, R 123, 1999
153. Montealegre, A., Schmidt, B.M.W., Janson, C.P., Martin, N., Scherhag, A., Christ, M., Feuring, M., Wehling M.
Clinical pharmacology of nongenomic aldosterone effects in healthy male volunteers
Naunyn-Schmiedeberg's Arch Pharmacol 359, R 139 1999

154. Schmidt, B.M.W., Montealegre, A., Janson, C.P., Scherhag, A., Christ, M., Feuring, M., Wehling, M.
Rapid aldosterone effects in healthy male volunteers detected by impedance cardiography
Clin Pharmacol Ther 65, 188, 1999
155. Feuring, M., Kugler, I., Janson, C.P., Georgens, A.C., Schmidt, B.M.W., Wehling, M.
Lymphocyte volume regulation in patients with congestive heart failure after treatment with the
angiotensin-converting enzyme inhibitor enalapril
Naunyn-Schmiedeberg's Arch Pharmacol 359, R 131, 1999
156. Christ, M., Zange, J., Janson, C., Müller, K., Schmidt, B.M.W., Gerzer, R., Wehling, M.
Hypoxia-induced attenuation of rapid aldosterone effects on skeletal muscle metabolism
Clin Pharmacol Ther 65, 188, 1999
157. Christ, M., Zange, J., Janson, C., Müller, K., Schmidt, B.M.W., Gerzer, R., Wehling, M.
Rapid aldosterone effects on oxidative metabolism of human calf muscle are attenuated by hypoxia
Exp Clin Endocrinol Diabetes 107, S83, 1999
158. Schmidt, B.M.W., Montealegre, A., Janson, C.P., Scherhag, A., Christ, M., Feuring, M., Wehling, M.
Rapid cardiovascular aldosterone effects in healthy male volunteers
Exp Clin Endocrinol Diabetes 107, S85, 1999
159. März, W., Wollschläger, H., Klein, G., Neiss, A., Wehling, M.
Efficacy and safety of atorvastatin versus simvastatin in type II diabetes patients with coronary
artery disease 35. EASD, Brussels, 28.9. - 1.10.1999
Eur Heart J 20 (Abstr. Suppl) 177, 1999 and
Diabetologia 42 (Suppl) A 19, 1999
160. Falkenstein, E., Gerdes, D., Wehling, M.
Cloning, expression and characterisation of a putative progesterone membrane receptor
Naunyn Schmiedeberg's Arch Pharmacol 359, R 13, 1999
161. Berthold, H.K., Börner, U., Fuhr, U., Gerzer, R., Goncharov, I., Lohn, K., Vorobiev D., Wehling, M.,
Zvolsky, T.
Medication in space: Report of the joint Russian-German committee for onboard medications
aboard the Russian part of the international space station
Naunyn Schmiedeberg's Arch Pharmacol 359, R 125, 1999
162. Haseroth, K., Löffler, P., Janson, C.P., Wehling, M., Christ, M.,
Short-term application of carvedilol modulates sympathovagal balance
Naunyn Schmiedeberg's Arch Pharmacol 359, R 131, 1999

163. Feuring, M., Haseroth K., Janson, C.P., Georgens, A.C., Schmidt, B.M.W., Wehling, M.
Platelet function analysis with PFA-100TM in patients with coronary artery disease after intake of aspirin
Eur J Clin Pharmacol 55, A27, 1999
164. Haseroth, K., Seyffart, K., Schmidt, B.M.W., Feuring, M., Wehling, M., Christ, M.
Effects of progestin-estrogen replacement therapy on QT-dispersion in postmenopausal women
Eur J Clin Pharmacol 55, A30, 1999
165. Feuring, M., Kugler, I., Georgens, A.C., Janson C.P., Schmidt, B.M.W., Wehling, M.
Activity of Na⁺/H⁺exchange and volumes of lymphocytes in patients with congestive heart failure after treatment with enalapril
Eur J Clin Pharmacol 55, A30, 1999
166. Schmidt, B.M.B., Montealegre, A., Janson C.P., Martin, N., Scherhag, A., Feuring, M., Christ, M., Wehling, M.
Biphasic acute cardiovascular aldosterone effects
Eur J Clin Pharmacol 55, A31, 1999
167. Schmidt, B.M.W., Georgens, A.C., Martin, N., Janson, C.P., Scherhag, A., Feuring, M., Christ, M., Wehling, M.
Interaction between the adrenergic system and nongenomic aldosterone effects
Eur J Clin Pharmacol 55, A32, 1999
168. Christ, M., Bauersachs, J., Liebetreu, C., Heck, M., Günther, A., Wehling, M.
Coronary superoxide anion formation is endothelium-dependently increased by high-glucose: Modulation by HMG-COA-reductase inhibition
Eur J Clin Pharmacol 55, A33, 1999
169. Georgens, A.C., Schmidt, B.M.W., Timmer, W., Mattinger, C., Steinijans, V.W., Hilt, M., Freitag, B., Christ, M., Feuring, M., Bethke, T., Wurst, W., Hörmann, K., Wehling, M.
Efficacy of the new topical steroid ciclesonide in the treatment of allergic rhinitis
Eur J Clin Pharmacol 55, A36, 1999
170. Wehling, M.
Nongenomic actions of steroids
Horm Res 51 (Suppl 2), 1, 1999

171. Feuring, M., Gutfleisch, A., Richter, E., Eichler, R., Dempfle, C.E., Tillmann, H.C., Christ, M., Wehling, M.
Impact of plasma apheresis on platelet hemostatic capacity in healthy young volunteers detected by platelet function analyzer (PFA-100)
Eur J Clin Pharmacol 55, A51, 1999
172. Tillmann, H.C., Sharpe, N., Sponer, G., Wehling, M.
Do intention to treat analyses answer all questions in mortality trials ? Considerations on the basis of the ANZ-trial
Eur J Clin Pharmacol 55, A56, 1999
173. Christ, M., Bauersachs, J., Heck, M., Feuring, M., Wehling, M.
Modulation of calcium signalling by glucocorticoids attenuates receptor-dependent NO-formation in porcine endothelial cells
Eur J Clin Pharmacol 55, A59, 1999
174. Christ, M., Bauersachs, J., Liebetrau, C., Heck, M., Guenther, A., Wehling, M.
Atorvastatin attenuates glucose-induced increases in superoxide anion formation in coronary endothelium
Eur Heart J 20 (Abstr. Suppl), 145, 1999
175. Koppel, H., Holtgreffe, S., Yard, B., Christ, M., Wehling, M., van der Woude, F. J.
Nongenomic effects of aldosterone on intracellular Ca²⁺ in human kidney cells
J Am Soc Nephrol 10 (Abstr.), 479A, 1999
176. März, W., Wollschläger, H., Klein, G., Neiss, A., Wehling, M.
Comparison of the safety of atorvastatin and simvastatin in patients with coronary heart disease – The Target Tangible Trial
Atherosclerosis 144 (Suppl 1), 29, 1999
- 2000**
177. Falkenstein, E. , Gerdes, D., Wehling, M.
Functional and structural characterisation of a progesterone membrane receptor
Naunyn-Schmiedebergs Arch Pharmacol 361 (Suppl), R14, 2000
178. Feuring, M., Gutfleisch, A., Ganschow, A., Richter, E., Eichler, H., Dempfle, C.E., Schultz, A., Tillmann, H.C., Christ, M., Wehling, M.
Platelet hemostatic capacity in healthy young volunteers detected by the platelet function analyser PFA-100TM – impact of plasmapheresis
Naunyn-Schmiedebergs Arch Pharmacol 361, R 124, 2000

179. Christ, M., Seyffart, K., Haseroth, K., Wehling, M.
Increase of heart rate and attenuation of the autonomic tone by progestin-containing replacement therapy in postmenopausal women
Naunyn-Schmiedebergs Arch Pharmacol 361, R 123, 2000
180. Christ, M., Seyffart, K., Feuring, M., Tillmann, H.C., Wehling, M.
Attenuation of autonomic tone in postmenopausal women on progestagen-containing replacement therapy
Exp Clin Endocrinol Diabetes 108, S47, 2000
181. Falkenstein, E., Gerdes, D., Wehling, M.
Progesterone membrane receptor: a structural and functional characterization
Exp Clin Endocrinol Diabetes 108, S89, 2000
182. Kellner, M., Christ, M., Wehling, M., Fraccarollo, D., Bauersachs, J.
Erhöhte Expression der Aldosteron-Synthase und des Typ-I-Mineralocorticoid-Rezeptors bei experimenteller chronischer Herzinsuffizienz
Z Kardiol 89 (Suppl), P611, 2000
183. Isselhorst, C., Lombés, M., Kirsch, E., Kellner, M., Wehling, M., Christ, M.
Ligandenunabhängige Modulation der Isoproterenol-induzierten, intrazellulären cAMP-Stimulation durch Überexpression des Mineralokortikoid-Typ-I-Rezeptors
Z Kardiol 89 (Suppl), V509, 2000
184. Wehling, M.
Thrombolysis and primary angioplasty for acute infarction
Abstract book of the joint meeting of VII world conference IUPHAR 2000, CPT 2000, 15-20 July Florence, p 19, 2000
185. Christ, M., Seyffart, K., Wehling, M.
Progestogens attenuate autonomic tone in postmenopausal hormone replacement therapy
Abstract book of the joint meeting of VII world conference IUPHAR 2000, CPT 2000, 15-20 July Florence, p 224, 2000
186. Feuring, M., Gutfleisch, A., Richter, E., Eichler, H., Dempfle, C.E., Schultz, A., Tillmann, H.C., Christ, M., Wehling, M.
Impact of plasmapheresis on platelet function in healthy young volunteers detected by PFA-100®
Abstract book of the joint meeting of VII world conference IUPHAR 2000, CPT 2000, 15-20 July Florence, p 164, 2000

187. Christ, M., Isselhorst, C., Lombés, M., Kirsch, E., Kellner, M., Wehling, M.
Ligand-independent modulation of isoproterenol-induced cAMP-signaling by mineralocorticoid type-I receptor overexpression
Eur Heart J 21 (Suppl), 4, 2000
188. Christ, M., Seyffart, K., Wehling, M.
Progesteron-induced attenuation of autonomic tone and increase of heart rate in postmenopausal women on hormone replacement therapy
Eur Heart J 21 (Suppl), 207, 2000
189. Christ, M., Kellner, M., Wehling, M., Lombés, M., Fraccarollo, D., Ertl, G., Bauersachs, J.
Modulation of cardiac aldosterone synthase and type I mineralocorticoid receptor expression in experimental chronic heart failure
Eur Heart J 21 (Suppl), 251, 2000
190. Bauersachs, J., Heck, M., Fraccarollo, D., Ertl, G., Wehling, M., Hildemann, S., Christ, M.
Spironolactone added on ACE inhibition in heart failure: effects on endothelial vasomotor dysfunction and vascular superoxide anion formation
Eur Heart J 21 (Suppl), 407, 2000
191. Tillmann, HC., Schumacher, B., Yasenyev, O., Junker, M., Christ, M., Feuring, M., Wehling, M.
Non-genomic effects of aldosterone on intracardiac monophasic action potentials
Eur Heart J 21 (Suppl), 240, 2000
192. Tillmann, H.C., Schumacher, B., Yasenyev, O., Junker, M., Christ, M., Feuring, M., Wehling, M.
Nongenomic effects of aldosterone on intracardiac monophasic action potentials
Eur J Clin Pharmacol 56, A18, 2000
193. Christ, M., Wehling, M., Fraccarollo, D., Ertl, G., Bauersachs, J. Striking increase of natriuresis by a combination of low-dose spironolactone and trandolapril in experimental heart failure
Eur J Clin Pharmacol 56, A21, 2000
194. Schmidt, B.M.W., Horisberger, K., Feuring, M., Tillmann, H.C., Christ, M., Wehling, M.
Aldosterone blunts baroreceptor sensitivity in humans by a nongenomic mechanism
J Am Soc Nephrol 11, 354A, 2000
195. Schmidt, B.M.W., Horisberger, K., Feuring, M., Tillmann, H.C., Christ, M., Wehling, M.
Aldosterone and human baroreceptor sensitivity: clinical relevance of a nongenomic mechanism.
Kidney Blood Press Res 23, 254, 2000

196. Christ, M., Fraccarollo, D., Ertl, G., Gretz, N., Wehling, M., Bauersachs, J.
Increase of natriuresis by low-dose spironolactone in congestive heart failure only in combination with ACE-inhibition
J Am Coll Cardiol 37 (Suppl 1), (Abstr.) 1102, 2001
197. Feuring, M., Jester, I., Tillmann, H.C., Bertsch, T., Kugler, I., Wehling, M.
Impact of pharmacotherapy on lymphocyte volumes and activity of the Na⁺/H⁺ exchanger with congestive heart failure
Naunyn-Schmiedeberg's Arch Pharmacol 363 (Suppl), R130, 2001
198. Lösel, R., Wehling, M., Falkenstein E.
Characterization of a nongenomic progesterone receptor on spermatozoa surface
Naunyn-Schmiedeberg's Arch Pharmacol 363 (Suppl), R23, 2001
199. Tillmann, H. C., Chae, C. U., Taylor, J. O., Wehling, M., Glynn, R. J.
A prospective cohort study of aspirin and the risk of stroke in the elderly
Naunyn-Schmiedeberg's Arch Pharmacol 363 (Suppl), R119, 2001
200. Schmidt, B. M. W., Horisberger, K., Martin, N., Feuring, M., Wehling, M.
Mineralocorticoidreceptor antagonism by canrenoate does not block rapid nongenomic cardiovascular aldosterone effects in humans
Kidney Blood Pres Res 24, 318, 2001
201. Wehling, M.
Putative steroid membrane receptors: aldosterone and progesterone membrane receptors
Workshop on genomic vs non.-genomic steroid actions: encountered or unified views on Instituto Juan March de Estudios e Investigaciones, Centre de Reuniones Internacionales Sobre Biología 131, (Abstr.) 2001
- 2002**
202. Vogel, C.U., Feuring, M., Mertsch, T, Tran, B.M., Rossol-Haseroth, K., Lösel, R., Schultz, A., Weigel, M., Wehling, M.
Micronized progesterone p.o. impacts seminal plasma hormones
Exp Clin Endocrinol Diab 110 (Suppl 1), p011 P.S29, 2002
203. Lösel, R., Wehling, M., Falkenstein, E.
Membrane progesterone receptors on spermatozoa
Exp Clin Endocrinol Diab 110 (Suppl 1), p220 P.S78, 2002

204. Wehling, M.
Versorgungsdefizite der Lipidtherapie, PMS-Symposium: Perspectives in Health Care Research
ArzneimForsch/DrugRes 52, 39, 2002
205. Lösel, R., Falkenstein E., Wehling, M.
Characterization of the progesterone receptor on spermatozoa
Naunyn-Schmiedeberg's Arch Pharmacol 365 (Suppl 1) R-19, 61, 2002
206. Wehling, M., Lösel R.
Nongenomic effects of aldosterone: cellular aspects and clinical implications
28th International Aldosterone Conference, San Francisco June 17-18, 2002, (Abstr.) p 62, 2002
207. Lösel, R., Kellner, M., Wehling, M.
Early aldosterone regulated genes: nes pathways?
28th International Aldosterone Conference, San Francisco June 17-18,2002, (Abstr.) p 18, 2002
208. Lösel, R., Kellner, M., Wehling, M.
Aldosterone-regulated genes: New pathways for diseases?
Abstract book of the Satellite Symposium on the Genetics of Experimental and Human
Hypertension –V: From Mendel to Humans, Brno, Czech Republic, 22.6.-23.6., p. 39-40 (Abstr.),
2002
209. Lösel, R., Kellner, M., Wehling, M.
Early aldosterone regulated genes in renal epithelial cells
Abstract Book of the Endocrine Society's 84th Annual Meeting in San Francisco June 19-22, P3-
165, p. 531(Abstr.), 2002
210. Wehling, M., Lösel, R.
Non-genomic actions of steroid hormones – a new route for understanding and treating
cardiovascular disease
Proceedings of 22nd Annual Meeting of the International Society for Heart Research – European
Section, Hungary, Szeged, 3.7.-6.7.2002
211. Wehling, M.
Pharmakologie der Betablocker und ihre Bedeutung für die Therapie des Bluthochdrucks
Herz 27 (Suppl 1), 16, 2002

2003

212. Wehling, M.
Nongenomic actions of aldosterone
International Symposium on Aldosterone in London, April 27-30, S18 (Abstr.), 2003
213. Lösel, R., Zhou, Q., Rossol-Haseroth, K., Boldyreff, B., Braun, S., Wehling, M.
Mineralocorticoid receptor antagonists do not block the rapid activation of the MAP kinase cascade by aldosterone
3rd international meeting on rapid responses to steroid hormones, Florence, Italy, 12.-14.9.2003 (Abstr.) p19
214. Boldyreff, B., Braun, S., Lösel, R., Wehling, M.
Aldosterone rapidly activates SRC kinase in M-1 cells
3rd international meeting on rapid responses to steroid hormones, Florence, Italy, 12.-14.9.2003 (Abstr.) p38
215. Wehling, M.
Rapid effects of aldosterone on vascular smooth muscle cells: clinical implications
3rd international meeting on rapid responses to steroid hormones, Florence, Italy, 12.-14.9.2003 (Abstr.) p76
216. Bugert, P., Lösel, R., Dugrillon, A., Günaydin, A., Eichler, H., Wehling, M., Klüter, H.
Gene transcripts in platelets: just 'junk' RNA or prerequisites for *de novo* protein biosynthesis?
Proceedings of XVII Meeting of the International Society of Haematology, Graz, 7.-10.9.2003 (Abstr.) p9-14
217. Wehling, M.
Guideline adherence
Int J Clin Pharmacol Ther 41, 545, 2003
218. Wehling, M.
Klinisch-pharmakologisch wichtige, altersabhängige Veränderungen: Dimensionierung der Probleme der Pharmakotherapie im Alter
Arbeitsband Symposium der Paul-Martini-Stiftung: Pharmakotherapie im Alter: Anspruch und Wirklichkeit, Mainz, 14./15.11.2003, Abstr. S 5-6 sowie
ArzneimForsch/Drug Res 12, 2003

Abstraktverzeichnis endet 2003