Curriculum Vitae: Ralf Baron

Present address:	Prof. Dr. med. Ralf Baron
(business)	Klinik für Neurologie, Christian-Albrechts-Universität Kiel, Schittenhelmstraße 10, 24105 Kiel, Germany tel.: +49-431-597-8504 fax: +49-431-597-8530 e-mail: r.baron@neurologie.uni-kiel.de
(private)	Kopperpahler Allee 23, 24119 Kronshagen, Germany tel.+ fax: +49-431-588223

Special Interests:

Pathophysiology, neurophysiology and therapy of peripheral neuropathies and neuropathic pain syndromes
Pathophysiology, neurophysiology and therapy of autonomic disorders
Functional imaging (fMRI, MEG) of experimental and neuropathic pain disorders

Personal data

Date of birth: January 20th, 1960
Place of birth: Schleswig, Germany
Nationality: German
Married to Dr. med. Yvonne Baron

Higher Education

1970 - 1979	Gymnasium in Schleswig
1979	Final Examination (Abitur)

Medical school

1979 - 1986	Christian-Albrechts-Universität Kiel, Faculty of Medicine
August 1981	Preclinical Examination
July 1983 - October 1983	Visiting Research Scientist, Baker Medical Research Institute, Melbourne, Australia (Prof. Dr. E. McLachlan)
June 1986	Clinical Examination

Postgraduate medical training (preclinical)

July 1986 - March 1988 Kiel	Department of Physiology, Christian-Albrechts-Universität (Prof. Dr. W. Jänig), Experimental Neurophysiology and Neuroanatomy

August 1987	Thesis (Dissertation)
Sept. 1987 – Dec. 1987	Visiting Research Scientist, University of New South Wales, Sydney, Australia (Prof. Dr. E. Mclachlan)
Nov. 1988 – Dec, 1988	Visiting Research Scientist, University of New South Wales, Sydney, Australia (Prof. Dr. E. McLachlan)

Postgraduate medical training (clinical)

April 1988 - March 1993	Neurological Clinic, Christian-Albrecht-Universität Kiel (Prof. Dr. D. Soyka)
1988	Intensive Care Unit
1989	Clinical Neurophysiology I (EEG, ECG)
1989/90	Neuroradiological Diagnostics (conventional X-rays, angiography, myelography, CT) Neurosurgical Clinic,
Christian-	Albrechts-Universität Kiel, (Prof. Dr. H.-P. Jensen)
1991	Doppler sonography of cerebral arteries
1992	Clinical Neurophysiology II (EMG, nerve conduction
studies,	SEP, VEP, AEP, magnetic stimulation, laser Doppler
flowmetry,	quantitative sensory testing)
1992/93	Pain Management Center, Neurological Clinic, Christian-Albrechts-Universität Kiel (Prof. Dr. D. Soyka)
April 1993 - March 1994	Department of Psychiatry, Christian-Albrechts-Universität
Kiel	(Prof. Dr. G. Schimmelpenning)
1994	Board Examination, Neurology
Since April 1995	Oberarzt (corresponding to Associate Professor Position) Neurological Clinic, Christian-Albrechts-Universität Kiel (Prof. Dr. G. Deuschl)
Since 1996	Vice chair of the Neurological Clinic, Christian-Albrechts-Universität Kiel
1999 - 2002	Head of the Interdisciplinary Pain Unit Kiel
February 2000	Extraordinary Professor of Neurology
January 2001	Rank 2, C4-Professorschip at the Neurological Department, University of Mainz
Since October 2001	Full Professor of Neurology (C3), Christian-Albrechts-Universität Kiel
Since August 2004	Head, Division of Neurological Pain Research and Therapy Department of Neurology, Kiel
2006 - 2007	Head of the Interdisciplinary Pain Unit Kiel

Teaching

Regular University teaching courses:

1986-1988	General Physiology
Since 1988	General Neurology
Since 1992	Pain
Since 1995	Autonomic Nervous System
Since 1995	Neurophyarmacology

Scientific training and functions

1981 - 1988	Experimental Neurophysiology, Department of Physiology Christian-Albrechts-Universität Kiel (Prof. Dr. W. Jänig)

July 1983 - October 1983	Visiting Research Scientist, Baker Medical Research Institute, Melbourne, Australia (Prof. Dr. E. McLachlan)
1987	Thesis: Efferent sympathetic and lumbar afferent innervation of pelvic organs in the cat (Prof. Dr. W. Jänig, summa cum laude)
Sept. 1987 – Dec. 1987	Visiting Research Scientist, University of New South Wales, Sydney, Australia (Prof. Dr. E. Mclachlan)
1988 - 1992	Clinical Neurophysiology, Neurological Clinic, Christan-Albrecht-Universität Kiel (Prof. Dr. D. Soyka)
Nov. 1988 – Dec. 1988	Visiting Research Scientist, University of New South Wales, Sydney, Australia (Prof. Dr. E. McLachlan)
1995	Habilitation: Schmerz und Sympathikus bei peripheren Neuropathien - Pathophysiologie und Klinik. (sympathetic nervous system and pain)
Since 1997	Feodor Lynen-Fellow of the Alexander von Humboldt Foundation
1998	Visiting Professor, Department of Neurology, University of California San Francisco, San Francisco, USA (Prof. Dr. H.L. Fields)
Since 2001	Speaker of the German Research Network on Neuropathic Pain (German Ministry of Research Programme)
Since October 2001	Full Professor of Neurology, Christian-Albrechts-Universität Kiel

Reviewer for:
Lancet, Brain, Neurology, Annals of Neurology, Behavioral and Brain Sciences, Clinical Journal of Pain, Der Schmerz, Journal of the Autonomic Nervous System, Archives of Dermatological Research, Muscle and Nerve, Journal of Pain, European Journal of Pain, Pain, Der Anästhesist, Nature Clinical Practise

Guest Editor:
Sympathikus und Schmerz. Der Schmerz 4 (1998) 249-305
Neuropathischer Schmerz. Nervenheilkunde (2004)
Advisory Board: Nature Clinical Practice Neurology
Associated Editor: Pain, European Journal of Pain
Editorial Board: Journal of Neuropathic Pain
Book: Baron R., Freynhagen R., Kompendium Neuropathischer Schmerz, Aesopus, 2006
Book Editor:
Harden, N., Baron, R., Jänig, W.: Complex regional pain syndromes: pathophysiology and treatment. IASP Press, Seattle, 2001
Baron R, Strumpf M. Praktische Schmerztherapie Springer, Heidelberg, 2007

Organisation of Research:
German Ministry of Research (BMBF) Network “Neuropathic Pain”: Speaker and Coordinator
Member of the NIH / NINDS Advisory Boards „Neuropathic Pain, Complex Regional Pain Syndrome”

Memberships

Since 1996	Board member, German Autonomic Society
Since 1996	Committe on Research (DGSS)
Since 1996	Board member, „Special Interest Group“ IASP - Sympathetic Nervous System and Pain
Since 1998	Board member, Committee on Pain (DGN)
1999 - 2005	General Secretary of the German Interdisciplinary Pain Society (DIVS)
1999 - 2002	Committee on Research, International Association for the Study of Pain (IASP)
Since 2005	Board member, "Special Interest Group" IASP - Neuropathic Pain
Since 2006	Committee on SIG (International Association for the Study of Pain)
Since 2006	IASP AdHoc Subcommittee on "Special Interest Groups" (SIGs)

Major Awards

1. Annual award of the German Pain Society, 1993
2. Heinrich-Pette award of the German Neurological Society, 2001
3. German Pain Award, 2003
4. Sertürner Award, 2003

National and international cooperations

Since 1981	Prof. Dr. Wilfrid Jänig, Department of Physiology, Christian-Albrechts-Universität Kiel
Since 1982	Prof. Dr. Elspeth M. McLachlan, Prince of Wales Medical Research Institut, Sydney
Since 1982	Prof. Dr. Christoph Maier, Klinik für Anaesthesiologie, Christian-Albrechts-Universität Kiel
Since 1995	Prof. Dr. Gunnar Wallin, Prof. Dr. Mikael Elam, Institute of Clinical Neurophysiology, Salgreens Hospital, University of Göteborg
Since 1996	Prof. Dr. Howard Fields, Prof. Dr. Jon Levine, Prof. Dr. Micheal Rowbotham,University of California San Francisco, San Francisco
Since 1996	Prof. Misha M. Backonja, Department of Neurology, University of Wisconsin Hospital and Clinics, Madison, Wisconsin, USA
Since 1998	Elisabeth Disbrow, Ph. D., Tim Roberts, Ph.D., Dept. of Radiology, Biomagnetic Imaging Laboratory, University of California San Francisco, San Francisco, USA
Since 2000	Prof. Dr. T.S. Jensen, Department of Neurology and Danish Pain Center, University of Aarhus, Dänemark

Stipend

Feodor-Lynen-Fellow of the Alexander von Humboldt-Foundation: 1-year-sabbatical at the Department of Neurology, University of California at San Francisco, USA (Prof. Dr. Howard L. Fields)

Publications

I. Peer-reviewed original publications

1. Baron, R., Jänig, W., McLachlan, E.M. (1985) On the anatomical organization of the lumbosacral sympathetic chain and the lumbar splanchnic nerves of the cat - Langley revisited. J. Auton. Nerv. Syst. 12, 289-300
2. Baron, R., Jänig, W., McLachlan, E.M. (1985) The afferent and sympathetic components of the lumbar spinal outflow to the colon and pelvic organs in the cat. I. The hypogastric nerve. J. Comp. Neurol. 238, 135-146
3. Baron, R., Jänig, W., McLachlan, E.M. (1985) The afferent and sympathetic components of the lumbar spinal outflow to the colon and pelvic organs in the cat. II. The lumbar splanchnic nerves. J. Comp. Neurol. 238, 147-157
4. Baron, R., Jänig, W., McLachlan, E.M. (1985) The afferent and sympathetic components of the lumbar spinal outflow to the colon and pelvic organs in the cat. III. The colonic nerves, incorporating an analysis of all components of the lumbar prevertebral outflow. J. Comp. Neurol. 238, 158-168
5. Baron, R., Jänig, W., Kollmann, W. (1988) Sympathetic and afferent somata projecting in hindlimb nerves and the anatomical organization of the lumbar sympathetic nervous system of the rat. J. Comp. Neurol. 275, 460-468
6. Baron, R., Jänig, W. (1988) Neurons projecting rostrally in the hypogastric nerve of the cat. J. Auton. Nerv. Syst. 24, 81-86
7. Baron, R., Jänig, W. (1988) Sympathetic and afferent neurons projecting in the splenic nerve of the cat. Neurosci. Lett. 94, 109-113
8. Baron, R., Heuser, K., Marioth, G. (1989) Marchiafava-Bignami disease with recovery diagnosed by CT and MRI: demyelination affects several CNS structures. J. Neurol. 236, 364-366

9. Meckler, R.L., Baron, R., McLachlan, E.M. (1990) Selective uptake of C-fragment of tetanus toxin by sympathetic preganglionic nerve terminals. Neurosci. 36, 823-829
10. Baron, R., Jänig, W. (1991) Afferent and sympathetic neurons projecting into lumbar visceral nerves of the male rat. J. Comp. Neurol. 314, 429-436
11. Baron, R., Feldmann, R., Lindner, V. (1993) Small fiber function in autonomic failure. J. Neurol. 241, 87-91
12. Baron, R., Saguer, M. (1993) Postherpetic neuralgia: Are C-nociceptors involved in signalling and maintenance of tactile allodynia? Brain 116, 1477-1496
13. Branczyk, B., Baron, R., Engler, F., Schröder, J.O., Schlüter, E. (1993) Zerebrovaskuläre Störungen bei Immunvaskulitis - zwei Beispiele unterschiedlicher Pathomechanismen. Nervenheilkunde 12, 369-372
14. Baron, R., Saguer, M. (1994) Axon-reflex reactions in affected and homologous contralateral skin after unilateral peripheral injury of thoracic segmental nerves in humans. Neurosci. Lett. 165, 97-100
15. Maier, C., Baron, R., Euler, H.H., Loose, R., Schröder, D. (1994) Erfolgreiche Behandlung eines sekundären beidseitigen Raynaud-Syndroms der oberen Extremität bei einem Patienten mit Nierenzell-Karzinom durch endoskopische Sympathektomie. Dtsch. Med. Wschr. 119, 1162-1166
16. Baron, R., Maier, C. (1995) Phantom limb pain: Are cutaneous nociceptors and spinothalamic neurons involved in signalling and maintenance of spontaneous and touch-evoked pain? A case report. Pain 60, 223-228
17. Baron, R., Jänig, W., With, H. (1995) Afferent and sympathetic neurons projecting into forelimb and trunk nerves and the anatomical organization of the cervicothoracic nervous system of the rat. J. Auton. Nerv. Syst. 53, 205-214
18. Baron, R., Maier, C. (1995) Painful neuropathy: C-nociceptor activity may not be necessary to maintain central mechanisms accounting for dynamic mechanical allodynia. Clin. J. Pain 11, 63-69
19. Baron, R., Saguer, M. (1995) Mechanical allodynia in postherpetic neuralgia: Evidence for central mechanisms depending on nociceptive C-fiber degeneration. Neurology 45, 63-65
20. Baron, R., Engler, F. (1996) Postganglionic cholinergic dysautonomia with incomplete recovery. A clinical, neurophysiological and immunological case study. J. Neurol. 243, 18-24
21. Baron, R., Maier, C. (1996) Reflex sympathetic dystrophy: Skin blood flow, sympathetic vasoconstrictor reflexes and pain before and after surgical sympathectomy. Pain 67, 317-326
22. Baron, R., Häbler, H.-J., Heckmann, K., Porschke, H. (1996) Respiratory modulation of blood flow in normal and sympathectomized skin in humans. J. Auton. Nerv. Syst. 60, 147-153
23. Keil, R., Baron, R., Kaiser, R. Deuschl, G. (1997) Vaskulitische Verlaufsform einer Neuroborreliose mit Thalamusinfarkt. Nervenarzt 68, 339-341
24. Baron, R., Haendler, G., Schulte, H. (1997): Large fiber polyneuropathy predicts the development of postherpetic neuralgia. Pain 73, 231-238
25. Fields, H.L., Rowbotham, M., Baron, R. (1998) Postherpetic neuralgia and the mechanisms of neuropathic pain. Neurobiol. of Disease 5, 209-227
26. Stanton-Hicks, M., Baron, R., Boas, R., Gordh, T., Harden, N., Hendler, N., Koltzenburg, M., Raj, P., Wilder, R. (1998) Complex regional pain syndromes: guidelines for therapy. Clin. J. Pain 14, 155-166
27. Wasner, G., Baron, R., Jänig, W. (1999) Dynamic mechanical allodynia in humans is not mediated by a central presynaptic interaction of Aß-mechanoreceptive and nociceptive C-afferents. Pain 79, 113-119
28. Baron, R., Wasner, G.L., Borgstedt, R., Hastedt, E., Binder, A., Kopper, F., Rowbotham, M., Levine, J.D., Fields, H.L. (1999) Effect of sympathetic nerve activity on capsaicin evoked pain, hyperalgesia and vasodilatation. Neurology 23, 923-932
29. Wasner, G., Heckmann, K., Maier, C., Baron, R. (1999) Vascular abnormalities in reflex sympathetic dystrophy (CRPS I) - acute functional loss of sympathetic nerve activity with complete recovery. Arch. Neurol. 56, 613-620
30. Baron, R., Baron, Y., Disbrow, E., Roberts, T.P.L. (1999) Brain processing of capsaicin-induced secondary hyperalgesia: a functional MRI study. Neurology 54, 548-557
31. Lang, E., Timmermann, L., Baron, R., Deuschl, G., Mehdorn, H.M., Zunker, P. (1999) Spontaneous oscillations of arterial blood pressure, cerebral and peripheral blood flow in healthy and comatose subjects. Neurol. Res. 21, 665-669
32. Wasner, G., Binder, A., Kopper, F., Baron, R. (1999) No effect of sympathetic sudomotor activity on capsaicin-evoked spontaneous pain and hyperalgesia. Pain 83, 1-8
33. Baron, R., Levine, J.D., Fields, H.L. (1999) Causalgia and reflex sympathetic dystrophy: Does the sympathetic nervous system contribute to the generation of pain? Muscle and Nerve 22, 678-695

34. Schüller, T.B., Hermann, K., Baron, R. (2000) Quantitative assessment and correlation of sympathetic, parasympathetic and afferent small fiber function in peripheral neuropathy. J. Neurol. 247, 267-272
35. Baron, R., Baron, Y., Disbrow, E., Roberts, T.P.L. (2000) Activation of the somatosesory cortex during Aß-fiber mediated hyperalgesia: a MSI study. Brain Res. 871, 75-82
36. Wasner, G., Hilpert, F., Baron, R., Pfisterer, J. (2001) Nail changes secondary to docetaxel. Lancet 357, 910
37. Wasner, G., Schattschneider, J. Heckmann, K., Maier, C., Baron, R. (2001) Vascular abnormalities in reflex sympathetic dystrophy (CRPS I) - mechanisms and diagnostic value. Brain 124, 587-599.
38. Baron, R., Schwarz, K., Kleinert, A., Schattschneider, J., Wasner, G., (2001) Histamine-induced itch converts into pain in neuropathic hyperalgesia. NeuroReport 12, 3475-8.
39. Baron, R., Schattschneider, J., Binder, A., Siebrecht, D., Wasner, G. (2002) Relation between sympathetic vasoconstrictor activity and pain and hyperalgesia in complex regional pain syndromes: a case-control study. The Lancet 359,1655-60
40. Wasner, G., Schattschneider, G., Baron, R. (2002) Skin temperature side differences - a diagnostic tool for CRPS? Pain 98, 19-26
41. Wasner, G., Schattschneider, G., Bréchôt, A., Allardt, A., Jensen, T.S., Baron, R. (2002) Effect of sympathetic muscle vasoconstrictor activity on capsaicin induced deep muscle and referred pain. Muscle Nerve 26, 113-121
42. Wasner, G., Hilpert, F., Schattschneider, J., Binder, A., Pfisterer, J., Baron, R. (2002) Docetaxel-induced nail changes - a neurogenic mechanism. Neurooncol. 58, 167-74.
43. Bartsch, T., Herzog, J., Baron, R., Deuschl, G. (2003) The stiff limb syndrome--a new case and a literature review. J. Neurol. 250, 488-90.
44. Meier, T., Wasner, G., Faust, M., Kuntzer, T., Ochsner, F., Hüppe, M., Bogousslavsky, J., Baron, R. (2003) Efficacy of Lidocaine Patch 5% in the treatment of focal peripheral neuropathic pain syndromes: a randomized, double blind, placebo-controlled study. Pain, Nov;106(1-2):151-8.
45. Wasner, G., Schwarz, K., Schattschneider, J., Binder, A., Jensen, T.S., Baron, R. (2003) Interaction between histamine-induced itch and experimental muscle pain. Eur. J. Pain 8(3):179-85.
46. Schattschneider, j., Bode, A., Wasner, G., Binder, A., Deuschl, G., Baron, R. (2004) Idiopathic restless legs syndrome: abnormalities in central somatosensory processing. J Neurol. 251(8):977-82
47. Zeller, J., Frahm, K., Stingele, R., Deuschl G. (2004) Platelet-leukocyte interaction and platelet activation in migraine: a link to ischemic stroke? J Neurol Neurosurg Psychiatry 75(7):984-7
48. Baron, R. (2004) Post-herpetic neuralgia case study: optimizing pain control. Eur J Neurol. 11, 3-11.
49. Wasner, G., Schattschneider, J., Binder, A., Baron, R. (2004) Topical menthol--a human model for cold pain by activation and sensitization of C nociceptors. Brain 127, 1159-71.
50. Wasner G, Kleinert A, Binder A, Schattschneider J, Baron R (2005) Postherpetic neuralgia: topical lidocaine is effective in nociceptor-deprived skin. Journal of Neurology 252: 677-686
51. Baron R (2005) Reflex sympathetic cystrophy and causalgia. Clin Neurophysiol. 2004; 57: 24-38
52. Zeller JA, Lindner V, Frahm K, Baron R, Deuschl G. Platlet activation and platlet-leucocyte interaction in patients with migraine. Subtype differences and influence of triptans. Cephalalgia 2005, Jul: 25 (7): 536-41
53. Wasner G, Maag R, Ludwig J, Binder A, Schattschneider J, Stingele R, Baron R: Harlequin syndrome - one face of many etiologies. Nature Clinical Practice Neurology (2005) 1:54-59
54. Schattschneider J, Uphoff J, Binder A, Wasner G, Baron R (2006) No adrenergic sensitization of afferent neurons in painful sensory polyneuropathy. J Neurol, 2006, 253(3):280-6.
55. Rolke R, Baron R, Maier C, Tolle TR, Treede RD, Beyer A, Binder A, Birbaumer N, Birklein F, Botefur IC, Braune S, Flor H, Huge V, Klug R, Landwehrmeyer GB, Magerl W, Maihofner C, Rolko C, Schaub C, Scherens A, Sprenger T, Valet M, Wasserka B. Quantitative sensory testing in the German Research Network on Neuropathic Pain (DFNS): Standardized protocol and reference values. Pain 2006:
56. Freynhagen R., Baron R, Tölle T, Stemmler E, Gockel U, Stevens M, Maier C. Screening of neuropathic pain components in patients with chronic back pain associated with nerve root compression: a prospective observational pilot study (MIPORT). Curr Med Res Opin. 2006 Mar;22(3):529-37.
57. Schattschneider J, Binder A, Siebrecht D, Wasner G, Baron R. Complex regional pain syndromes: the influence of cutaneous and deep somatic sympathetic innervation on pain. Clin J Pain. 2006, 22(3):240-4.

58. Freynhagen R, Baron R, Gockel U, Tölle TR; painDETECT: a new screening questionnaire to identify neuropathic components in patients with back pain, Curr Med Res Opin. 2006 Oct;22(10):1911-20
59. Schattschneider J, Hartung K, Stengel M, Ludwig J, Binder A, Wasner G, Baron R; Endothelial dysfunction in cold type complex regional pain syndrome; Neurology 2006 Aug 22;67(4):673-5
60. Ludwig J, Baron R. Stepped analgesic approach to herpes zoster pain. MMW Fortschr Med. 2006 Oct 26; 148/43):41-3
61. Bennett MI, Attal N, Backonja MM, Baron R, Bouhassira D, Freynhagen R, Scholz J, Tolle TR, Wittchen HU, Jensen TS. Using screening tools to identify neuropathic pain. Pain. 2007 Feb,127(3):199-203
62. Ludwig J, Gorodetskaya N, Schattschneider J, Janig W, Baron R. Behavioral and sensory changes after direct ischemia-reperfusion injury in rats. Eur J Pain. 2007 Aug:11(6):677-84
63. Kim HK, Schattschneider J, Lee I, Chung K, Baron R, Chung JM. Prolonged maintenance of capsaicin-induced hyperalgesia by brief daily vibration stimuli. Pain. 2007 May;129(1-2):93-101
64. Schattschneider J, Zum Buttel I, Binder A, Wasner G, Hedderich J, Baron R. Mechanisms of adrenosensitivity in capsaicin induced hyperalgesia. Eur J Pain. 2007 Oct;11(7):756-63
65. Binder A. Baron R. Sodium channels in neuropathic pain - friend or foe?. Nat Clin Pract Neurol. 2007 Apr;3(4):179
66. Ludwig J, Remien P, Guballa C, Binder A, Binder S, Schattschneider J, Herzog J, Volkmann J, Deuschl G, Wasner G, Baron R. Effects of subthalamic nucleus stimulation and Levodopa on the autonomic nervous system in Parkinson's disease. J Neurol Neurosurg Psychiatry. 2007 Jul;78(7):742-5
67. Nolte D, Klebe S, Baron R, Deuschl G, Muller U. Codon 101 of PRKCG, a preferential mutation site in SCA14. Mov Disord. 2007 Jul 20; [Epub]
68. Mogilevsky M, Janig W, Baron R, Harden RN. Complex Regional Pain Syndrome: A Multifaceted Disorder Requiring Multidimensional Care: Case Study. J Pain 2007 Jul 24;[Epub]
69. Maihofner C, Baron R, Decol R, Binder A, Birklein F, Deuschl G, Handwerker HO, Schattschneider J. The motor system shows adaptive changes in complex regional pain syndrome. Brain 2007 Jun 15; [Epub]
70. Baron R. A gance into the Book of Abstracts - Second International Congress on Neuropathic Pain. Eur J Pain. 2007 Jun; 11 Suppl 1:vii-viii
71. Wasner G, Naleschinski D, Baron R. A role for peripheral afferent in the pathophysiology and treatment of at-level neuropathic pain in spinal cord injury? A case report. Pain. 2007 Sep; 131/1-2):219-25
72. Baron R, Treede RD. Diagnostik neuropathischer Schmerzen. DMW, 2007 132(41), 2139-2144
73. Binder A, Stengel M, Maag R, et.al. Pain in oxaliplatin-induced neuropathy - Sensitisation in the peripheral and central nociceptive system. Eur J Cancer 2007;43(18):2658-63
74. Johnsen RW, Wasner G, Saddier P, Baron R. Postherpetic neuralgia: epidemiology, pathophysiology and management. Future Drugs, 2007, 7(11): 1581-95
75. Stengel M, Binder A, Baron R. Update on the Diagnosis and Management of Complex Regional Pain Syndromes. Advances in Pain Management (2007), Vol 1, Number 3, 96-104
76. Johnson RW, Wasner G, Saddier P, Baron R. Postherpetic neuralgia: expidemiology, pathophysiology and management. Expert Rev Neurother. 2007 Nov; 7(11):1581-95
77. Schattschneider J, Scarano M, Binder A, Wasner G, Baron R. Modulation of sensitized C-fibers by adrenergic stimulation in human neuropathic pain. Eur J Pain. 2007 Sept 19 (Epub)
78. Wasner G, Fleetwood-Walker SM, Garry EM, Abbadie C, Johnson RW, Baron R. Postherpetic Neuralgia: Basic Research and Clinical Implications. Reviews in Analgesia, 2007, 9(2): 71-86
79. Freynhagen R, Rolke R, Baron R, Tölle TR, Rutjes AK, Schu S, Treede RD. Pseudoradicular and radicular low-back pain - A disease continuum rather than different entities? Answers from quantitative sensory testing. Pain 2008;135:65-74
80. Tölle T, Baron R. Standardisierung der QST-Untersuchung schafft Basis für gezielte Therapie. Angewandte Schmerztherapie und Palliativmedizin 1/08; 48-51

II. Editorials

81. Baron, R. (2000) Capsaicin and nociception – from basic mechanisms to novel drugs. Lancet 356, 785-787.

82. Baron, R., Fields, H.L., Jänig, W., Kitt, S, Levine, J.D. (2002) National Institutes of Health Workshop: reflex sympathetic dystrophy/complex regional pain syndromes--state-of-the-science. Anesth Analg. 95, 1812-6.
83. Jensen, T.S., Baron, R. (2003) Translation of symptoms and signs into mechanisms in neuropathic pain. Pain 102, 1-8.
84. Jänig, W., Baron, R. (2004) Experimental approach to CRPS. Pain. 2004 Mar;108(1-2):3-7
85. Baron, R. (2004) Can we model CRPS I ? Pain112(1-2):8-9.
86. Baron, R. Jänig, W (2004) CRPS – How do we escape the diagnostic trap ? Lancet 364:1739-1741
87. Jänig W, Baron R. Is CRPS I a neuropathic pain syndrome? Pain. 2006 120(3):227-9.
88. Binder, A., Baron R. (2007) Sodium channels in neuropathic pain – friend or foe. Nat. Clin. Pract. Neurol. 2007 Apr;3(4):179.

III. Review articles

89. Baron, R. Obladen, Y. (1990) Das Sturge-Weber-Syndrom. Nervenheilkunde 9, 121-127
90. Baron, R. (1991) Schmerzsyndrome bei Erkrankungen peripherer Nerven. Nervenheilkunde 10, 88-92
91. Baron, R. (1992) Funktionstests sympathischer und sensibler Leitungsbahnen bei peripheren Nervenläsionen. Nervenheilkunde 11, 394-399
92. Baron, R. (1993) Schmerzsyndrome bei peripheren Neuropathien. Internist. Prax. 33, 107-120
93. Baron, R. (1993) Schmerzsyndrome bei peripheren Neuropathien. Tägl. Prax. 34, 345-358
94. Knippenberg, D., Baron, R., Branczyk , B., Schlüter, E. (1995) Das Sneddon-Syndrom, ein neurokutanes Krankheitsbild. Nervenheilkunde 14, 249-255
95. Baron, R. (1995) Schmerz bei peripheren Neuropathien: Welche Rolle spielen nozizeptive C-Afferenzen? Nervenheilkunde 14, 272-277
96. Baron, R. (1996) Pathophysiologie, Klinik und Therapie von Blasenstörungen. Nervenheilkunde 15, 435-440
97. Baron, R. (1996) Schmerz und Sympathikus am Beispiel der sympathischen Reflexdystrophie, Medizin. Welt 47, 419-427
98. Baron, R. (1998) The influence of sympathetic activity and catecholamines on primary afferent neurons. Technical Corner, IASP newsletter, July/August 1998, 3-6
99. Baron, R. (1996) Pathophysiological mechanisms in postherpetic neuralgia. The Pain Clinic 9, 217-233
100. Baron, R., Jänig, W. (1997) Complex regional pain syndroms: taxonomy, diagnostic criteria, mechanisms of vascular abnormalites, edema and pain. Behavioral and Brain Sciences 20 (3), 437-439
101. Baron, R. (1997) Neuropathische Schmerzen - Pathophysiologische Konzepte, Prädiktoren und neue Therapieansätze. Akt. Neurologie 24, 94-102
102. Wasner, G., Baron, R. (1998) Zentrale Schmerzen - Klinik, Pathophysiologische Konzepte und Therapie. Akt. Neurologie 25, 269-276
103. Wulf, H., Baron, R. (1998) Gibt es eine Prophylaxe der Postzoster-Neuralgie? Der Schmerz 11, 373-377
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- Baron, R. (1996): Changing Concepts of Sympathetically Maintained Pain. 8th World Congress on Pain, Vancouver, Canada.
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- Baron, R. (2000) Sympathetic nerve activity and pain. 3nd Congress of the European Federation of IASP Chapters. Nice, France
- Baron, R (2000) Mechanisms of trigeminal and postherpertic neuralgia. 12th World Congress of Anaesthesiologists. Montreal, Canada.
- Baron, R. (2000) Human models: A laborarory test for investigating sympathetic vasoconstrictor function. 2nd International Association for the Study of Pain Research Symposium. Complex regional pain syndrom: current research on mechanisms and diagnosis. Cardiff, Wales.
- Baron, R. (2000) Effect of sympathetic activation on pain. 2nd Spring Pain Research Conference. Grand Cayman, BWI.
- Baron, R. (2000) The role of opioids and adjuvants in neuropathic pain. 3nd Congress of the European Federation of IASP Chapters, Nice. France
- Baron, R. (2001) Human experimentation on CRPS. National Institute of Health Workshop: RSD/CRPS. State-of-the-Science. Bethesda. Washington, USA
- Baron, R. (2002) Management of Neuropathic Pain. Advances in Pain Management, Key West, USA
- Baron, R. (2002). Neuropathic Pain – changing concepts. Official Satellite Meeting of the 10th World Congress on Pain, Tijuana, Mexico.
- Baron, R. (2002) Surgical Sympathectomy for Pain. 10th World Congress on Pain, San Diego, USA.
- Baron, R. (2003) CRPS – a neuropathic or an inflammatory disorder? Scandinavian Anesthesiological Society Meeting, Helsinki, Finland.
- Baron, R. (2004) Complex Regional Pain Syndrome. McGill Research Symposia. Montreal, Canada.

Invited Plenary Lectures

- Baron, R. (1997) Complex regional pain syndromes. Pain and Nociception Group (PANG), London Chronic Pain Symposium, London, UK.
- Baron, R. (1998) Pain memories: short and long-term changes in CNS processing after inflammation and pain. 6th EuroPain Symposium. Geneva, Switzerland.
- Baron, R. (1999) Postherpetic neuralgia – pathophysiology. 33rd Annual Meeting of Japan Society of Pain Clinicians. Takasaki. Japan.
- Baron, R. (2000) Diagnostic and clinical criteria of complex regional pain syndromes. Annual meeting of the Belgian Pain Society. Brussels. Belgium.
- Baron, R. (2000) Effect of sympathetic activation on pain. 2nd Spring Pain Research Conference. Grand Cayman, BWI.
- Baron, R. (2000) Mechanisms and therapy in complex regional pain syndromes. 23rd Meeting of the Scandinavian Pain Society. Bergen. Norway.
- Baron, R. (2000) Peripheral neuropathic pain. 2nd International Conference on Neuropathic Pain, Washington, USA.
- Baron, R. (2000) The role of opioids and adjuvants in neuropathic pain. 3nd Congress of the European Federation of IASP Chapters, Nice. France
- Baron, R. (2001) Pathophysiology of painful neuropathies. Congresso da Dor. Lissabon, Portugal.
- Baron, R. (2001) Sympathetically maintained pain in complex regional pain syndromes. Annual Meeting of the French Pain Society. Paris, France.
- Baron, R. (2001) Complex Regional Pain Syndromes. Annual Meeting of the Swiss Pain Society. Morges, Switzerland.
- Baron, R. (2001) Neuropathic Pain. 5th Simposio Brasileiro e Enconto International sobre Dor. Sao Paulo. Brasil.
- Baron, R. (2001) Complex Regional Pain Syndromes. 5th Simposio Brasileiro e Enconto International sobre Dor. Sao Paulo. Brasil.
- Baron, R. (2002) Does the sympathetic nervous system play a role in the pain in RSDS? 1st Annual Issues and Advances in Reflex Sympathetic Dystrophy International Symposium Tampa, USA.

- Baron, R. (2002) CRPS: a neuropathic disorder? Danish Pain Research Seminar. Middlefart, Fyn, Denmark.
- Baron, R. (2002) Complex Regional Pain Syndromes. 10th World Congress on Pain, San Diego, USA.
- Baron, R. (2002) Complex Regional Pain Syndrome. 3nd International Conference on Neuropathic Pain, Bermuda.
- Baron, R. (2003) Mechanisms and Therapy of Neuropathic Pain. Lithuanien Pain Congress, Kaunas, Lithauen.
- Baron, R. (2003) Complex Regional Pain Syndrome. Kugelberg-Lecture, International Federation of Clinical Neurophysiology, San Francisco 2003
- Baron, R. (2003) Complex Regional Pain Syndrome. 4th International Conference on Neuropathic Pain, San Francisco.
- Baron, R. (2004) Mechanisms and Therapy of Neuropathic Pain. Philippine Pain Congress, Philippines.
- Baron, R. (2004) Up-Date in Neuropathic Pain. Philippine Pain Society, Cajagan de Oro, Philippines
- Baron, R. (2004) Complex regional pain syndromes. Michael Cousins Foundation Lecture. Australien and New Zealand College of Anaesthetists, Perth, Australien
- Baron, R. (2004) Neuropathic pain. Australien and New Zealand College of Psychiatrists, Christchurch, New Zealand.
- Baron, R. (2004) Complex regional pain syndromes. International Congress on Neuropathic Pain, Madrid, Spain.
- Baron, R. (2004) Neuropathic pain. Advances in Pain Medicine. Hong Kong, China
- Baron, R. (2004) Neuropathic pain. Advances in Pain Medicine. Peking, China
- Baron, R. (2004) Complex regional pain syndromes. Finish Neurological Society, Helsinki, Finland
- Baron, R. (2004) Mechanisms of pain chronification. Schweizer Schmerzkongress, Biel, Schweiz
- Baron, R. (2004) Sympathetic nervous system and pain. Danish Neurological Society, Copenhagen, Denmark.