

## Publikationsliste Prof. Dr. med. J. Bauer

IP: 758,73; Citations 9701 (Stand 26.6.2016)

### Monographien von Prof. Dr. med. J Bauer:

*Selbststeuerung – Die Wiederentdeckung des freien Willens.* Blessing, München 2015.

*Arbeit – Warum unser Glück von ihr abhängt und wie sie uns krank macht.* Blessing, München 2013  
(Taschenbuch: Heyne, München 2015).

*Schmerzgrenze – Vom Ursprung alltäglicher und globaler Gewalt.* Blessing, München 2011.

*Das kooperative Gen – Abschied vom Darwinismus.* Hoffmann und Campe, Hamburg 2008.

*Lob der Schule – Sieben Perspektiven für Schüler, Lehrer und Eltern.* Hoffmann und Campe, Hamburg 2007.

*Prinzip Menschlichkeit – Warum wir von Natur aus kooperieren.* Hoffmann und Campe, Hamburg 2006.

*Warum ich fühle was du fühlst – Intuitive Kommunikation und das Geheimnis der Spiegelneurone.*  
Hoffmann und Campe, Hamburg 2005.

*Das Gedächtnis des Körpers – Wie Beziehungen und Lebensstile unsere Gene steuern.* Eichborn, Ffurt am Main 2002 (ab 2004: Piper, München 2004).

*Die Alzheimer-Krankheit – Neurobiologie, Psychosomatik, Diagnostik und Therapie.* Schattauer, Stuttgart 1994.

### Buchbeiträge

J Bauer: *Die Entdeckung des „Social Brain“. Der Mensch aus neurobiologischer Sicht – The discovery of the „Social Brain“. Human beings from a neuobiological perspective.* In: Menschsein und Religion. W Engemann (ed.) 2016: 43-48. Vienna University Press bei V&R unipress.

J Bauer: *Gerechtigkeit als Aggressionsprävention: Menschliche Aggression aus Sicht der Hirnforschung.* In: Friedenspädagogik und Gewaltfreiheit. N Frieters-Reermann, G Lang-Wojtasik (eds.) 2015: 109-118. Verlag B Budrich, Leverkusen.

J Bauer: *Wie entwickelt das Kleinkind soziale Kompetenz? Gene, Motivationssysteme, Spiegelneurone.* In: Vorbilder. Erziehen wohin? AM Kalcher, K Laueremann (eds.) 2014: 36-45. Verlag Anton Pustet, Salzburg.

J Bauer: *Aggression und Friedenskompetenz aus Sicht der Hirnforschung.* In: Jugend ohne Rettungsschirm, Dokumentation des 29. Dt. Jugendgerichtstages vom 14.-17.09.2013 in Nürnberg 09, 2013: 41-46.

J Bauer: *Die Entdeckung des "Socail Brain" - Der Mensch aus neurobiologischer Sicht.* In: Was ist der Mensch? D Ganten, V Gerhardt, JC Heilinger, J Nida-Rümelin (eds.) 2008:24-28. De Gruyter, Berlin/New York

J Bauer: *Die Psychoanalyse aus Sicht der Neurobiologie: das Beispiel der Gegenübertragung.* Freiburger Literaturpsychologische Gespräche. Jahrbuch für Literatur und Psychoanalyse 26 "Freuds Aktualität", W Mauser, J Pfeiffer (eds.) 2007. Königshausen & Neumann.

M Hüll, J Bauer, M Daffertshofer: *Demenzen.* Klinische Neurologie, 1999: 829-856.

J Bauer, J Qualmann, G Stadtmüller, H Bauer: *Lebenslaufuntersuchungen bei Alzheimer-Patienten. Qualitative Inhaltsanalyse präorbider Entwicklungsprozesse.* Psychosoziale Gerontologie, BD II Intervention, Jahrbuch der Medizinischen Psychologie 1998: 251-274. Hogrefe, Göttingen.

- M Hüll, BL Fiebich, K Lieb, B Volk, M Berger, J Bauer: *The Role of Cytokines in Alzheimer's Disease*. *Neurochemistry* 1997: 27-32.
- M Hüll, S Strauß, M Berger, B Volk, J Bauer: *Interleukin-6 in Amyloid-Plaques: Beteiligung des Immunsystems bei der Pathogenese der Alzheimer-Demenz*. *Aktuelle Perspektiven der Biologischen Psychiatrie* 1996: 91-93.
- J Bauer, J Qualmann, H Bauer: *Psychosomatische Aspekte bei der Alzheimer Demenz und bei vaskulären Demenzformen*. *Interdisziplinäre GerontopsychosomatiK* G Heuft, A Kruse, H-G Nehen, H Radebold (eds.) 1995: 214-228. MMV Medizin Verlag München.
- J Bauer: *Psychosomatische Aspekte der Adnexitis*. Band 2: *Psychosomatische Medizin und Psychotherapie*. In: *Erweiterte Schulmedizin*. R Saller, H Feiereis (eds.) 1995. H Marseille Verlag, München.
- J Bauer, H Bauer, M Teising: *Psychosomatische Aspekte der Alzheimer-Demenz*. In: *Psychotherapie bei Demenz*. RD Hirsch (ed.). 1994: 47-62. Steinkopferverlag Darmstadt.
- I. Kühne, A. O. Ceballos-Baumann, B Conrad, [...], J Bauer, [...], M J Hilz: *Therapy monitoring*. *Abstracts of the 65th Congress of the German Society of Neurology* 1992: 41-63.

### Wissenschaftsartikel

#### **2016**

- S Gouda, MT Luong, S Schmidt, J Bauer: *Students and Teachers Benefit from Mindfulness-Based Stress Reduction in a School-Embedded Pilot Study*. *Frontiers in Psychology* 7(399), 2016. DOI:10.3389/fpsyg.2016.00590.
- J Bauer: *Über die Schwierigkeit auf Terror vernunftgeleitet zu reagieren. Aggression und Gewalt aus neurowissenschaftlicher Perspektive*. *Lehren und Lernen* 42 (2), 2016, 35-37.

#### **2015**

- M Benz, J Bauer: *On Scorpions, Birds and Snakes— Evidence for Shamanism in Northern Mesopotamia during the Early Holocene*. *Journal of Ritual Studies* 29(2), 2015, 1-23.
- B Rahm, M Lacour, J Decety, J Müller, C-E Scheidt, J Bauer, R König, M Wirsching, V Glauche, S Ohlendorf, T Unterbrink, A Hartmann, AA Joos: *Self-perspective leads to increased activation of pain processing brain regions in fibromyalgia*. *Comprehensive Psychiatry* 2015. DOI:10.1016/JcomppsyH2015.02.005.
- J Bauer: *Erziehung zu gelingender Selbststeuerung. Neurobiologische, psychologische und soziale Aspekte*. *Pädagogik* 6, 2015, 40-43.
- J Bauer: *„Leben ist Kooperation“ – Interview mit Prof. Dr. J Bauer*. *Osteopathische Medizin Zeitschrift für ganzheitliche Heilverfahren* 16(1), 2015: 27-28. DOI:10.1016/S1615-9071(15)60008-9.

#### **2014**

- J Bauer: *Zur Balance zwischen Empathie und notwendiger Distanz im Arztberuf*. *Ärzteblatt Baden-Württemberg: Offizielles Organ der Landesärztekammer Baden-Württemberg ... [etc]* 69(05), 2014:196-199.

#### **2013**

M Benz, J Bauer: *Symbols of Power - Symbols of Crisis? A Psycho-Social Approach to Early Neolithic Symbol Systems*. Neo-Lithics 13/2: 11-24.

J Bauer, M Benz: *Neurobiology Meets Archaeology: The Social Challenges of the Neolithic Processes*. Neo-Lithics 13/2: 65-69.

## 2012

J Bauer: *Aggression und Friedenskompetenz aus Sicht der Hirnforschung*. Pädagogik 11, 2012:11-13.

T Unterbrink, R Pfeifer, L Krippel, L Zimmermann, U Rose, A Joos, A Hartmann, M Wirsching, J Bauer: *A manual-based group program to improve mental health: What kind of teachers are interested and who stands to benefit from this program?* International Archives of Occupational and Environmental Health 87(1) 2012. DOI:10.1007/s00420-012-0832-y

AA Joos, M Gille, A Hartmann, T Unterbrink, E Wetzler-Burmeister, C Scheidt, E Waller, J Bauer, M Wirsching, A Zeeck: *Emotional Perception in Patients with Eating Disorders in Comparison with Depressed Patients*. European Eating Disorders Review 20(6), 2012. DOI:10.1002/erv.1132

J Bauer: *Neurobiologische und soziale Kontexte menschlicher Aggression und Gewalt*. Psychotherapie 17(2), 2012:252-256.

J Bauer: *Burnout ist keine Mode-Diagnose*. Bibliothek und Wissenschaft 66, 2012:25-27.

## 2011

J Bauer: *Egoismus oder Altruismus? Was "treibt" den Menschen?* Forschung und Lehre 12(1), 2011, 48-49.

L Zimmermann, T Unterbrink, R Pfeifer, M Wirsching, U Rose, U Stöbel, M Nübling, V Buhl-Grießhaber, M Frommhold, U Schaarschmidt, J Bauer: *Mental health and patterns of work-related coping behaviour in a German sample of student teachers: A cross-sectional study*. International Archives of Occupational and Environmental Health 85(8), 2011:865-76. DOI:10.1007/s00420-011-0731-7

T Unterbrink, R Pfeifer, L Krippel, L Zimmermann, U Rose, AA Joos, A Hartmann, M Wirsching, J Bauer: *Burnout and effort-reward imbalance improvement for teachers by a manual-based group program*. International Archives of Occupational and Environmental Health 85(6), 2011:667-74. DOI:10.1007/s00420-011-0712-x

J Bauer: *Ein Rezept für ein friedliches Zusammenleben*. Deutsche Apotheker-Zeitung 151(24), 2011:46-51.

J Bauer: *Aggression. Sind wir von Grund auf böse?* UrsacheWirkung.at. <http://www.ursachewirkung.at/leben/893-sind-wir-von-grund-auf-boese>.

## 2010

U Rose, L Zimmermann, R Pfeifer, T Unterbrink, J Bauer: *Intention as an indicator for subjective need: A new pathway in need assessment*. Journal of Occupational Medicine and Toxicology 5(1), 2010:20. DOI:10.1186/1745-6673-5-20

T Unterbrink, L Zimmermann, R Pfeifer, U Rose, A Joos, A Hartmann, M Wirsching, J Bauer: *Improvement in School Teachers' Mental Health by a Manual-Based Psychological Group Program*. Psychotherapy and Psychosomatics 79(4), 2010:262-4. DOI:10.1159/000315133

J Bauer, T Blanchard: *In My Flesh I See God*. Tikkun 25(1), 2010:43-44. DOI:10.1215/08879982-2010-1012

J Bauer: Depression - Das Gefühl der Gefühllosigkeit. *Ursache&Wirkung* 71, 2010: 10-13.

## 2009

J Bauer, E Marshall: *The brain transforms psychology into biology*. *Body Movement and Dance in Psychotherapy* 4(3), 2009:231-238. DOI:10.1080/17432970903322341

A Schweickhardt, R Leta, J Bauer, K Fritzsche: *Faktorenstruktur und Validität einer veränderten Version des Fragebogens zur Messung von Psychotherapiemotivation (FPTM) im Vorfeld der psychotherapeutischen Behandlung*. *PPmP - Psychotherapie · Psychosomatik · Medizinische Psychologie* 59(11), 2009:401-408. DOI:10.1055/s-0028-1090030

J Bauer: *Burnout bei schulischen Lehrkräften*. *PiD - Psychotherapie im Dialog* 10(03), 2009:251-255. DOI:10.1055/s-0029-1223327

JM Müller-Becsangèle, B Saum, J Decety, S Ohlendorf, V Glauche, CE Scheidt, J Bauer, M Lacour: *Neuronale Verarbeitung von miterlebtem Schmerz bei Fibromyalgie-Patientinnen: Eine fMRI-Untersuchung der „Schmerzneuromatrix“*. *PPmP - Psychotherapie · Psychosomatik · Medizinische Psychologie* 59(02), 2009. DOI:10.1055/s-0029-1208200

J Bauer, T Schächtele, R Pfeifer, K Muke, A Walter, T Unterbrink, M Wirsching, *Belastungserleben und Gesundheit im Pfarrberuf*. *Deutsches Pfarrerberuf* 9, 2009, 1-6.

## 2008

A Schweickhardt, R Leta, J Bauer, K Fritzsche: *Psychotherapy motivation-factor analysis and validity of a modified version of the Psychotherapy Motivation Questionnaire (FPTM)*. *PPmP - Psychotherapie · Psychosomatik · Medizinische Psychologie* 59(11), 2008: 401-8.

T Unterbrink, L Zimmermann, R Pfeifer, M Wirsching, E Brähler, J Bauer: *Parameters influencing health variables in a sample of 949 German teachers*. *International Archives of Occupational and Environmental Health* 82(1), 2008:117-23. DOI:10.1007/s00420-008-0336-y

T Unterbrink, L Zimmermann, R Pfeifer, M Wirsching, J Bauer: *Lehrer- Coachinggruppen nach dem Freiburger Modell: Positive Effekte auf verschiedene Gesundheitsparameter*. *PPmP - Psychotherapie Psychosomatik Medizinische Psychologie* 58(01), 2008. DOI:10.1055/s-2008-1061523

T Unterbrink, L Zimmermann, R Pfeifer, M Wirsching, J Bauer: *Arbeitsbelastung und Gesundheitsbeeinträchtigungen bei 949 Lehrerinnen und Lehrern*. *PPmP - Psychotherapie · Psychosomatik · Medizinische Psychologie* 58(02), 2008. DOI:10.1055/s-2008-1061522

J Bauer: *Darwin als Psychologe: Leben zwischen Aggression und Empathie*. *Psychologie heute* 10, 2008: 71-73.

J Bauer, V Rottler, J Brodner: *Emotional Crying: Frequency and Effects on Mood in a Sample of Psychosomatic Outpatients – Evidence for Different Types of Emotional Crying*. *Psychother Psych Med* 2008; 58 - S10. DOI: 10.1055/s-2008-1061516

## 2007

T Unterbrink, A Hack, R Pfeifer, V Buhl-Griesshaber, U Müller, H Wesche, M Frommhold, K Scheuch, R Seibt, M Wirsching, J Bauer: *Burnout and effort-reward-imbalance in a sample of 949 German teachers*. *International Archives of Occupational and Environmental Health* 80(5), 2007:433-41. DOI:10.1007/s00420-007-0169-0

J Bauer, T Unterbrink, A Hack, R Pfeifer, V Buhl-Griesshaber, U Müller, H Wesche, M Frommhold, R Seibt, K Scheuch, M Wirsching: *Working conditions, adverse events and mental health problems in a sample of 949 German teachers*. International Archives of Occupational and Environmental Health 80(5), 2007:442-9. DOI:10.1007/s00420-007-0170-7

J Bauer: *Beziehungen gestalten, Konflikte entschärfen Coaching für Lehrergruppen*. Ein Manual. Psychologie Heute Compact16, 2007: 90-95.

J Bauer: *Unser flexibles Erbe*. Gehirn & Geist 9, 2007, 85-65.

J Bauer: *Die Bedeutung der Beziehung für schulisches Lehren und Lernen*. Schulpsychologie Tirol. Newsletter 4, 2007, 1-7.

## 2006

A. Hillert, D Lehr, N Sosnowsky, J Bauer: *Gesundheitstage zur Prävention psychosomatischer Erkrankungen im Lehrerberuf?* Prävention und Gesundheitsförderung 1(4), 2006:227-233. DOI:10.1007/s11553-006-0035-z

K Lieb, MA Engelbrecht, O Gut, BL Fiebich, J Bauer, G Janssen, M Schaefer: *Cognitive impairment in patients with chronic hepatitis treated with interferon alpha (IFN $\alpha$ ): Results from a prospective study*. European Psychiatry 21(3), 2006:204-10. DOI:10.1016/J.eurpsy.2004.09.030

J Bauer, A Stamm, K Virnich, K Wissing, U Müller, M Wirsching, U Schaarschmidt: *Correlation between burnout syndrome and psychological and psychosomatic symptoms among teachers*. International Archives of Occupational and Environmental Health 79(3), 2006:199-204. DOI:10.1007/s00420-005-0050-y

J Bauer, H Kächele: *Sigmund Freud - Die Couch im Labor*. Psychologie Heute 33(10), 2006: 36-49.

J Bauer: *Beziehungen: der Motor unseres Lebens*. Psychologie Heute 33 (10), 2006: 21-25.

## 2005

J Bauer, H Kächele: *Das Fach „Psychosomatische Medizin“: seine Beziehungen zur Neurobiologie und zur Psychiatrie*. Psychotherapie 10(1), 2005:14-20.

A Schweickhardt, R Leta, J Bauer: *Inanspruchnahme von Psychotherapie in Abhängigkeit von der Psychotherapiemotivation während der Indikationsstellung in einer Klinikambulanz*. PPM - Psychotherapie Psychosomatik Medizinische Psychologie 55(08), 2005:378-385. DOI:10.1055/s-2005-866878

## 2003

J Bauer, S Häfner, H Kächele, M Wirsching, RW Dahlbender: *Burn-out und Wiedergewinnung seelischer Gesundheit am Arbeitsplatz*. PPM - Psychotherapie · Psychosomatik · Medizinische Psychologie 53(5), 2003:213-22. DOI:10.1055/s-2003-38865

J Bauer: *Arzneimittel-Unverträglichkeit: Wie man Betroffene herausfischt. Die Identifikation von Patienten mit verminderter Entgiftungsfunktion*. Deutsches Ärzteblatt 100(24), 2003:A1654-1656.

## 2002

M Schaefer, MA Engelbrecht, O Gut, BL Fiebich, J Bauer, F Schmidt, H Grunze, K Lieb: *Interferon alpha (IFN $\alpha$ ) and psychiatric syndromes: A review*. Progress in Neuro-Psychopharmacology and Biological Psychiatry 26(4), 2002:731-46. DOI:10.1016/S0278-5846(01)00324-4

K Lieb, H Schaller, J Bauer, M Berger, K Schulze-Osthoff, BL Fiebich: *Substance P and Histamine Induce Interleukin6 Expression in Human Astrocytoma Cells by a Mechanism Involving Protein Kinase C and Nuclear Factor-IL-6*. Journal of Neurochemistry 70(4), 2002:1577-1583. DOI:10.1046/J1471-4159.1998.70041577.x

## 2001

J Bauer: *Integrating psychiatry, psychoanalysis, neuroscience. A new tone at the annual meeting of the American Psychosomatic Society and American Psychiatric Association*. PPM - Psychotherapie · Psychosomatik · Medizinische Psychologie 51(7), 2001:265-6.

## 2000

FD Juengling, D Ebert, O Gut, MA Engelbrecht, J Rasenack, EU Nitzsche, J Bauer, K Lieb: *Prefrontal cortical hypometabolism during low-dose interferon alpha treatment*. Psychopharmacology 152(4), 2000:383-9. DOI:10.1007/s002130000549

H Akiyama, S Barger, S Barnum, B Bradt, J Bauer, et al.: *Inflammation and Alzheimer's disease*. Neurobiology of Aging 21(3), 2000:383-421. DOI:10.1016/S0197-4580(00)00124-X

## 1999

BL Fiebich, TJ Hofer, K Lieb, M Huell, RD Butcher, G Schumann, K Schulze-Osthoff, J Bauer: *The non-steroidal anti-inflammatory drug tepoxalin inhibits interleukin-6 and alpha1-anti-chymotrypsin synthesis in astrocytes by preventing degradation of I $\kappa$ B-alpha*. Neuropharmacology 38(9), 1999:1325-33. DOI:10.1016/S0028-3908(99)00055-6

M Hüll, BL Fiebich, G Schumann, K Lieb, J Bauer: *Anti-inflammatory substances - A new therapeutic option in Alzheimer's disease*. Drug discovery today 4(6-4), 1999:275-282. DOI:10.1016/S1359-6446(99)01339-2

M Hüll, J Eistetter, BL Fiebich, J Bauer: *Glutamate but not interleukin-6 influences the phosphorylation of tau in primary rat hippocampal neurons*. Neuroscience Letters 261(1-2), 1999:33-6. DOI:10.1016/S0304-3940(98)01003-9

## 1998

G Schumann, BL Fiebich, D Menzel, M Hüll, R Butcher, P Nielsen, J Bauer: *Cytokine-induced transcription of protein-tyrosine-phosphatases in human astrocytoma cells*. Molecular Brain Research 62(1), 1998:56-64. DOI:10.1016/S0169-328X(98)00237-X

C Normann, B Hesslinger, J Bauer, M Berger, J Walden: *Die Bedeutung des hepatischen Cytochrom-P450-Systems für die Psychopharmakologie*. Der Nervenarzt 69(11), 1998:944-955. DOI:10.1007/s001150050368

J Bauer, M Hüll, B Fiebich, K Lieb, M Berger: *Anti-inflammatory therapeutic strategies in Alzheimer's disease*. European Neuropsychopharmacology 8, 1998. DOI:10.1016/S0924-977X(98)80077-1

- M Hüll, BL Fiebich, P Dykierek, K Schmidtke, E Nitzsche, M Orszagh, G Deuschl, E Moser, M Schumacher, C Lücking, M Berger, J Bauer: *Early-onset Alzheimer's disease due to mutations of the presenilin-1 gene on chromosome 14: A 7-year follow-up of a patient with a mutation at codon 139*. European Archives of Psychiatry and Clinical Neuroscience 248(3), 1998:123-129. DOI:10.1007/s004060050028
- K Lieb, H Schaller, J Bauer, M Berger, K Schulze-Osthoff, BL Fiebich: *Substance P and histamine induce interleukin-6 expression in human astrocytoma cells by a mechanism involving protein kinase C and nuclear factor-IL-6*. Journal of Neurochemistry 70(4), 1998:1577-83.
- K Heese, BL Fiebich, J Bauer, U Otten: *NF-KB modulates lipopolysaccharide-induced microglial nerve growth factor expression*. Glia 22(4), 1998:401-407. DOI:10.1002/(SICI)1098-1136(199804)22:43.O.CO;2-5.
- BL Fiebich, M Hüll, K Lieb, G Schumann, M Berger, J Bauer: *Potential link between interleukin-6 and arachidonic acid metabolism in Alzheimer's disease*. Journal of neural transmission. Supplementum 54, 1998:268-78. DOI:10.1007/978-3-7091-7508-8\_26

## 1997

- K Lieb, BL Fiebich, M Berger, J Bauer, K Schulze-Osthoff: *The Neuropeptide Substance P Activates Transcription Factor NF- $\kappa$ B and  $\kappa$ B-Dependent Gene Expression in Human Astrocytoma Cells*. The Journal of Immunology 159(10), 1997:4952-8.
- J Bauer, M Czygan, K Lieb, J Scheer, W Hallensleben, FT Hufert, P Staeheli, K Bechter, R Schuttler, W Felber, J Lampe, W Trabert, A Muller, FA Grasser, N Muller Lantsch, S Gommel, L Stitz: *No Borna disease virus-specific RNA detected in blood from psychiatric patients in different regions of Germany*. The Lancet 350(9083), 1997:1002-1002.
- K Lieb, P Vaith, M Berger, J Bauer: *Systemic immunologic diseases as differential diagnosis in psychiatry*. Der Nervenarzt 68(9), 1997: 696-707.
- K Heese, BL Fiebich, J Bauer, U Otten: *Nerve growth factor (NGF) expression in rat microglia is induced by adenosine A2a-receptors*. Neuroscience Letters 231(2), 1997: 83-6. DOI:10.1016/S0304-3940(97)00545-4
- K Lieb, P Vaith, M Berger, J Bauer: *Immunologische Systemerkrankungen als Differentialdiagnose in der Psychiatrie*. Der Nervenarzt 68(9), 1997:696-707. DOI:10.1007/s001150050184
- G Schumann, D Menzel, P Nielsen, BL Fiebich, M Berger, J Bauer: *Selective expression of Protein Tyrosine Phosphatases (PTP) and Protein Tyrosine Kinases (PTK) in interleukin-1 (IL1) stimulated astrocytes and neuronal cells*. Biological Psychiatry 42(1), 1997. DOI:10.1016/S0006-3223(97)87460-4
- K Lieb, BL Fiebich, H Schaller, T Hofer, M Berger, J Bauer: *Analysis of the transcriptional regulation of cytokine gene expression in the brain as rationale for the search for antiinflammatory drugs*. Biological Psychiatry 42(1), 1997. DOI:10.1016/S0006-3223(97)87463-X
- K Lieb, BL Fiebich, M Hüll, M Berger, J Bauer: *Potent inhibition of interleukin-6 expression in a human astrocytoma cell line by tenidap*. Cell and Tissue Research 288(2), 1997: 251-7. DOI:10.1007/s004410050810
- J Bauer: *Möglichkeiten einer psychotherapeutischen Behandlung bei Alzheimer-Patienten im Frühstadium der Erkrankung*. Der Nervenarzt 68(5), 1997:421-424. DOI:10.1007/s001150050145
- K Lieb, FT Hufert, K Bechter, J Bauer, J Kornhuber: *Depression, Borna disease, and amantadine*. The Lancet 349(9056), 1997:958. DOI:10.1016/S0140-6736(05)62741-9

- MKA Bauer, K Lieb, K Schulze-Osthoff, M Berger, PJ Gebicke-Haerter, J Bauer, BL Fiebich: *Expression and Regulation of Cyclooxygenase2 in Rat Microglia*. European Journal of Biochemistry 243(3), 1997:726-731. DOI:10.1111/J1432-1033.1997.00726.x
- UH Frommberger, J Bauer, P Haselbauer, A Fräulin, D Riemann, M Berger: *Interleukin-6-(IL-6) plasma levels in depression and schizophrenia: Comparison between the acute state and after remission*. European Archives of Psychiatry and Clinical Neuroscience 247(4), 1997: 228-33. DOI:10.1007/BF02900219
- BL Fiebich, M Hüll, K Lieb, K Gyufko, M Berger, J Bauer: *Prostaglandin E2 Induces Interleukin-6 Synthesis in Human Astrocytoma Cells*. Journal of Neurochemistry 68(2), 1997:704 - 709. DOI:10.1046/J1471-4159.1997.68020704.x
- K Lieb, W Hallerleben, M Czygan, L Stitz, P Staeheli, J Bauer: *No Borna disease virus-specific RNA detected in blood from psychiatric patients in different regions of Germany*. The Lancet 350, 1997:1002.
- J Bauer: *Revision of an Alzheimer's diagnosis in a patient with an almost normal CT scan: Why strategic vascular lesions may be overlooked*. Alzheimer's Research and Therapy 3, 1997:73-76.

## 1996

- R Sandbrink, D Zhang, T. Hartmann, C Bergsdorf, K Paliga, S Schäffer, J Bauer, H Först, H Bickel, CL Masters, K Beyreuther: *45 Missense mutations of the Presenilin I (PSI or 5182) gene in German early-onset Alzheimer's disease Patients*. Neurobiology of Aging 17(4), 1996. DOI:10.1016/S0197-4580(96)80047-9
- A Weyerbrock, J Timmer, F Hohagen, M Berger, J Bauer: *Effects of light and chronotherapy on human circadian rhythms in delayed sleep phase syndrome: Cytokines, cortisol, growth hormone, and the sleep-wake cycle*. Biological Psychiatry 48(08), 1996:794-7. DOI:10.1016/0006-3223(95)00661-3
- N Rösler, M Hüll, K Lieb, R Wolf, M Berger, J Bauer: *Dementias--diagnosis, differential diagnosis and therapy*. Fortschritte der Medizin 114(28), 1996:351-6.
- K Lieb, BL Fiebich, H Schaller, M Berger, J Bauer: *Interleukin-1 $\beta$  and Tumor Necrosis Factor- $\alpha$  Induce Expression of  $\alpha 1$ -Antichymotrypsin in Human Astrocytoma Cells by Activation of Nuclear Factor- $\kappa B$*  Journal of Neurochemistry 67(5), 1996:2039 - 2044. DOI:10.1046/J1471-4159.1996.67052039.x
- BL Fiebich, K Biber, K Lieb, D Van Calker, M Berger, J Bauer, PJ Gebicke-Haerter, BL Fiebich *et al*. *Cyclooxygenase 2 expression in rat microglia is induced by adenosine A2a receptors*. Glia 18, 152-160. Glia 18(2), 1996:152-60. DOI:10.1002/(SICI)1098-1136(199610)18:2<152::AID-GLIA7>3.0.CO;2-2
- J Bauer: *Special characteristics of psychopharmacotherapy of elderly patients*. Fortschritte der Medizin 114(25), 1996:297-302.
- K Lieb, G Dammann, M Berger, J Bauer: *Das chronische Müdigkeitssyndrom. Definition, diagnostische Maßnahmen und Therapiemöglichkeiten*. Der Nervenarzt 67(9), 1996: 711-720. DOI:10.1007/s001150050045
- M Hüll, BL Fiebich, K Lieb, S Strauss, SS Berger, B Volk, J Bauer: *Interleukin-6-associated inflammatory processes in Alzheimer's disease: New therapeutic options*. Neurobiology of Aging 17(5), 1996:795-800. DOI:10.1016/0197-4580(96)00107-8
- R Sandbrink, D Zhang, S Schaeffer, CL Masters, J Bauer, H Förstl, K Beyreuther: *Missense mutations of the PS-1/S182 gene in German early-onset Alzheimer's disease patients*. Annals of Neurology 40(2), 1996:265-6. DOI:10.1002/ana.410400225



- K Lieb, BL Fiebich, M Busse-Grawitz, M Hüll, M Berger, J Bauer: *Effects of substance P and selected other neuropeptides on the synthesis of interleukin-1 $\beta$  and interleukin-6 in human monocytes: A re-examination.* Journal of Neuroimmunology 67(2), 1996:77-81. DOI:10.1016/0165-5728(96)00034-3
- M Hüll, S Strauss, M Berger, B Volk, J Bauer: *The participation of IL-6, a stress-inducible cytokine, in the pathogenesis of Alzheimer's disease.* Behavioural Brain Research 78(1), 1996:37-41. DOI:10.1016/0166-4328(95)00213-8
- J Bauer: *Disturbed synaptic plasticity and the psychobiology of Alzheimer's disease.* Behavioural Brain Research 78(1), 1996:1-2. DOI:10.1016/0166-4328(95)00212-X
- J Bauer, GG Gottfries, H Förstl, HH Kornhuber: *Critical Comments on "Propionibacterium acnes in the cortex of patients with Alzheimer's disease" by H H Kornhuber (Eur Arch Psychiatry Clin Neurosci, 1996, 246:108-109).* European Archives of Psychiatry and Clinical Neuroscience 264(4), 1996:224-226. DOI:10.1007/BF02188958
- K Hager, U Machein, S Krieger, D Platt, J Bauer: *173. Interleukin6 and parameters of haemostasis.* Fibrinolysis 10, 1996:54. DOI:10.1016/S0268-9499(96)80749-1
- BL Fiebich, K Lieb, M Hüll, M Berger, J Bauer: *Effects of NSAIDs on IL1 $\beta$ -induced IL6 mRNA and protein synthesis in human astrocytoma cells.* Neuroreport 7(6), 1996:1209-1213. DOI:10.1097/00001756-199604260-00023
- BL Fiebich, K Biber, K Gyufko, M Berger, J Bauer, D Van Calker: *Adenosine A2b Receptors Mediate an Increase in Interleukin (IL)-6 mRNA and IL-6 Protein Synthesis in Human Astrogloma Cells.* Journal of Neurochemistry 66(4), 1996:1426 - 1431. DOI:10.1046/J1471-4159.1996.66041426.x
- K Lieb, C Kaltschmidt, B Kaltschmidt, PA Baeuerle, M Berger, J Bauer, BL Fiebich: *Interleukin-1 $\beta$  Uses Common and Distinct Signaling Pathways for Induction of the Interleukin-6 and Tumor Necrosis Factor  $\alpha$  Genes in the Human Astrocytoma Cell Line U373.* Journal of Neurochemistry 66(4), 1996:1496-1503. DOI:10.1046/J1471-4159.1996.66041496.x
- M Hüll, M Berger, B Volk, J Bauer: *Occurrence of Interleukin-6 in Cortical Plaques of Alzheimer's Disease Patients May Precede Transformation of Diffuse into Neuritic Plaques.* Annals of the New York Academy of Sciences 777(1), 1996:205-12. DOI:10.1111/J1749-6632.1996.tb34420.x
- M Hüll, S Strauss, M Berger, B Volk, J Bauer: *Inflammatory mechanisms in Alzheimer's disease.* European Archives of Psychiatry and Clinical Neuroscience 246(3), 1996:124-8. DOI:10.1007/BF02189112
- BL Fiebich, K Lieb, M Berger, J Bauer: *Stimulation of the sphingomyelin pathway induces interleukin-6 gene expression in human astrocytoma cells.* Journal of Neuroimmunology 63(2), 1996:207-11. DOI:10.1016/0165-5728(95)00145-X

## 1995

- J Bauer, G Stadtmüller, J Qualmann, H Bauer: *Premorbid psychological processes in Alzheimer's disease and in vascular dementia.* Zeitschrift für Gerontologie + Geriatrie 28(3), 1995: 179-89.
- J Bauer, M Hüll, M Berger: *Pathogenetic factors of Alzheimer disease.* Zeitschrift für Gerontologie + Geriatrie 28(3), 1995:155.
- J Bauer, F Hohagen, E Gimmel, F Bruns, S Lis, S Krieger, W Ambach, A Guthmann, H Grunze, R Fritsch-Montero: *Induction of cytokine synthesis and fever suppresses REM sleep and improves mood in patients with major depression.* Biological Psychiatry 38(9), 1995: 611-21. DOI:10.1016/0924-977X(96)88367-2

B Fischer, H Schmoll, P Riederer, J Bauer, D Platt, A Popa-Wagner: *Complement C1q and C3 messenger RNA expression in the frontal cortex of Alzheimer's patients*. Journal of Molecular Medicine 73(9), 1995: 465-71. DOI:10.1007/BF00202265

Y Agid, T Arendt, U Gärtner, M Holzer, [...] J Bauer [...], D Bruns: *Abstracts Second Congress of the European Society for Clinical Neuropharmacology*. Journal of Neural Transmission 102 (3), 1995:I-LIII. DOI:10.1007/BF01281162

CE Scheidt, J Bauer: *Psychotherapy of somatoform pain disorders in the elderly*. Zeitschrift für Gerontologie + Geriatrie 28(5), 1995:339-48.

B Fischer, I Retchkiman, J Bauer, D Platt, A Popa-Wagner: *Pentylentetrazole-Induced Seizure Up-Regulates Levels of Microtubule-Associated Protein 1B mRNA and Protein in the Hippocampus of the Rat*. Journal of Neurochemistry 65(1), 1995:467-70. DOI:10.1046/J1471-4159.1995.65010467.x

M Huell, S Strauss, B Volk, M Berger, J Bauer: *Interleukin6 is present in early stages of plaque formation and is restricted to the brains of Alzheimer's disease patients*. Acta Neuropathologica 89(6), 1995:544-551. DOI:10.1007/s004010050287

K Hager, U Machein, S Krieger, M Felicetti, D Platt, J Bauer: *Age dependence of interleukin 6 and acute phase proteins*. Fortschritte der Medizin 113(3), 1995:33-4.

J Bauer, G. Stadtmüller, J Qualmann, H Bauer: *Prä-morbide psychologische Prozesse bei Alzheimer-Patienten und bei Patienten mit vaskulären Demenzerkrankungen*. Zeitschrift für Gerontologie + Geriatrie 28, 1995:179-189.

J Bauer: *Demenz vom Alzheimer-Typ*. Deutsches Ärzteblatt 92(3), 1995:A138-139.

CE Scheidt, J Bauer: *Zur Psychotherapie somatoformer Schmerzstörungen im Alter*. Zeitschrift für Gerontologie + Geriatrie 28, 1995:339-348.

J Bauer: *Altersabhängigkeit von Interleukin-6 und Akut-Phase-Proteinen*. Fortschritte der Medizin 113, 1995:21-22.

## 1994

K Hager, U Machein, S Krieger, D Platt, G Seefried, J Bauer: *Interleukin-6 and selected plasma proteins in healthy persons of different ages*. Neurobiology of Aging 15(6), 1994:771-2. DOI:10.1016/0197-4580(94)90066-3

J Bauer: *Clinical diagnosis and therapeutic possibilities for dementia of the Alzheimer type*. Fortschritte der Neurologie · Psychiatrie 62(11), 1994:417-32. DOI:10.1055/s-2007-1002299

J Bauer, F Hohagen, T Ebert, J Timmer, U Ganter, S Krieger, S Lis, E Postler, U Voderholzer, M Berger: *Interleukin-6 serum levels in healthy persons correspond to the sleep-wake cycle*. The Clinical Investigator 72(4), 1994:315. DOI:10.1007/BF00180048

M Bauer, J Bauer, M Berger, PJ Gebickeharter: *Induction of no synthase transctiption in cultured astrocytes and microglia*. Journal of Neurochemistry 63, 1994:S34-S34.

## 1993

PB Ehrhard, U Ganter, A Stalder, J Bauer, U Otten: *Erratum: Expression of functional trk protooncogene in human monocytes*. Proceedings of the National Academy of Sciences of the United States of America 90(12), 1993: 5423-5427. DOI:10.1073/pnas.90.12.5423

- W Nörenberg, K Appel, J Bauer, PJ Gebicke-Haerter, P Illes: *Expression of an outwardly rectifying K<sup>+</sup> channel in rat microglia cultivated on Teflon*. Neuroscience Letters 160(1), 1993:69-72. DOI:10.1016/0304-3940(93)9001-0
- PB Ehrhard, U Ganter, B Schmutz, J Bauer, U Otten: *Expression of low-affinity NGF receptor and trkB mRNA in human SH-SY5Y neuroblastoma cells*. FEBS Letters 330(3), 1993:287-92. DOI:10.1016/0014-5793(93)80890-7
- F Hohagen, J Timmer, A Weyerbrock, R Fritsch-Montero, U Ganter, S Krieger, M Berger, J Bauer: *Cytokine Production during Sleep and Wakefulness and Its Relationship to Cortisol in Healthy Humans*. Neuropsychobiology 28(1-2), 1993:9-16. DOI:10.1159/000118993
- J Bauer, M Berger: *Neuropathologische, immunologische und psychobiologische Aspekte der Alzheimer-Demenz*. Fortschritte der Neurologie Psychiatrie 61(7), 1993: 225-40. DOI:10.1055/s-2007-999091
- S Bahn, U Ganter, J Bauer, U Otten, B Volk: *Influence of phenytoin on cytoskeletal organization and cell viability of immortalized mouse hippocampal neurons*. Brain Research 615(1), 1993:160-9. DOI:10.1016/0006-8993(93)91127-E
- J Bauer, U Ganter, J Abel, S Strauss, U Jonas, R Weiss, P Gebicke-Haerter, B Volk, M Berger: *Effects of interleukin-1 and interleukin-6 on metallothionein and amyloid precursor protein expression in human neuroblastoma cells. Evidence that interleukin-6 possibly acts via a receptor different from the 80-kDa interleukin-6 receptor*. Journal of Neuroimmunology 45(1-2), 1993:163-73. DOI:10.1016/0165-5728(93)90177-Z

## 1992

- J Bauer: *Effects of endotoxin treatment on sleep parameters and on depressed mood in patients with a major depressive disorder*. Neurochemistry International 21, 1992. DOI:10.1016/0197-0186(92)92135-Q
- J Bauer, U Ganter, S Strauss, G Stadtmüller, U Frommberger, H Bauer, B Volk, M Berger: *The participation of IL-6 in the pathogenesis of Alzheimer's disease*. Research in Immunology 143(6), 1992:650-7. DOI:10.1016/0197-0186(92)91946-T
- G König, U Mönning, C Czech, R Prior, RB Banati, U Schreiter-Gasser, J Bauer, CL Masters, K Beyreuther: *Identification and differential expression of a novel alternative splice isoform of the  $\beta$ A4 amyloid precursor protein ( $\beta$ APP) mRNA in leukocytes and brain microglial cells*. Journal of Biological Chemistry 267(15), 1992:10804-9.
- S Strauss, J Bauer, U Ganter, U Jonas, M Berger, B Volk: *Detection of interleukin-6 and  $\alpha$ -2-macroglobulin immunoreactivity in cortex and hippocampus of Alzheimer's disease patients*. Laboratory Investigation 66(2), 1992:223-30.
- J Bauer: *Differenzierung und Genese von Bewusstseinstörungen*. Intensivmedizin + Notfallmedizin 29, 1992:3-9.

## 1991

- J Bauer, S Strauss, B Volk, M Berger: *IL-6-mediated events in Alzheimer's disease pathology*. Immunology Today 12(11), 1991:422. DOI:10.1016/0167-5699(91)90148-M
- J Bauer, S Strauss, U Schreiter-Gasser, U Ganter, P Schlegel, I Witt, B Volk, M Berger: *Interleukin-6 and  $\alpha$ -2-macroglobulin indicate an acute-phase state in Alzheimer's disease*. FEBS Letters 285(1), 1991:111-4. DOI:10.1016/0014-5793(91)80737-N

- J Bauer, G Lengyel, SN Thung, U Jonas, W Gerok, G Acs: *Human fetal hepatocytes respond to inflammatory mediators and excrete bile*. *Hepatology* 13(6), 1991:1131-41. DOI:10.1016/0168-8278(90)91491-E
- J Bauer, F Herrmann: *Interleukin-6 in clinical medicine*. *Annals of Hematology* 62(6), 1991:203-10. DOI:10.1007/BF01729833
- J Bauer, G König, S Strauss, U Jonas, U Ganter, A Weidemann, U Mönning, CL Masters, B Volk, M Berger, K Beyreuther: *In-vitro matured human macrophages express Alzheimer's BA4-amyloid precursor protein indicating synthesis in microglial cells*. *FEBS Letters* 282 (1-282), 1991:335-340. DOI:10.1016/0014-5793(91)80508-Z
- U Ganter, S Strauss, U Jonas, A Weidemann, K Beyreuther, B Volk, M Berger, J Bauer:  *$\alpha$ 2-Macroglobulin synthesis in interleukin-6-stimulated human neuronal (SH-SY5Y neuroblastoma) cells. Potential significance for the processing of Alzheimer  $\beta$ -amyloid precursor protein*. *FEBS Letters* 282(1-282), 1991:127-131. DOI:10.1016/0014-5793(91)80460-K
- J Bauer: *Human recombinant IL-6: Clinical promise*. *Biotechnology therapeutics* 2(3-4), 1991:285-98.
- T Andus, J Bauer, W Gerok: *Effect of cytokines on the liver*. *Hepatology* 13(2), 1991:364-75. DOI:10.1002/hep.1840130226
- MK Spriggs, PJ Lioubin, J Slack, SK Dower, U Jonas, D Cosman, JE Sims, J Bauer: *Induction of an interleukin-1 receptor (IL-1R) on monocytic cells: Evidence that the receptor is not encoded by a T cell-type IL-1R mRNA*. *Journal of Biological Chemistry* 265(36), 1991:22499-505.

## 1990

- KJ Busam, TM Bauer, J Bauer, W Gerok, K Decker: *Interleukin-6 release by rat liver macrophages*. *Journal of Hepatology* 11(3), 1990:367-73. DOI:10.1016/0168-8278(90)90223-E
- KJ Busam, A Homfeld, R Zawatzky, S Kästner, J Bauer, W Gerok, K Decker: *Virus-vs endotoxin-induced activation of liver macrophages*. *European Journal of Biochemistry* 191(3), 1990:577-82. DOI:10.1111/J1432-1033.1990.tb19160.x
- K Sperber, J Bauer, A Pizzimenti, V Najfeld, L Mayer: *Identification of subpopulations of human macrophages through the generation of human macrophage hybridomas*. *Journal of Immunological Methods* 129(1-129), 1990:31-40. DOI:10.1016/0022-1759(90)90417-T
- T Van Pham, B Kreis, S Corradin-Betz, J Bauer, J Mauël: *Metabolic and functional stimulation of lymphocytes and macrophages by an Escherichia coli extract (OM-89): In vitro studies*. *Journal of biological response modifiers* 9(2), 1990:231-40.
- V Gross, D vom Berg, J Kreuzkamp, U Ganter, J Bauer, G Würtemberger, C Schulz-Huotari, H Beeser, W Gerok: *Biosynthesis and Secretion of M- and Z-Type  $\alpha$  1 -Proteinase Inhibitor by Human Monocytes. Effect of Inhibitors of Glycosylation and of Oligosaccharide Processing on Secretion and Function*. *Biological chemistry Hoppe-Seyler* 371(3), 1990:231-8. DOI:10.1515/bchm3.1990.371.1.231
- J Bauer, W Gerok: *Regulation of interleukin-6 and interleukin-6 receptor expression*. *Biological chemistry Hoppe-Seyler* 371(3), 1990:186-186.
- MK Spriggs, PJ Lioubin, J Slack, SK Dower, U Jonas, D Cosman, JE Sims, J Bauer: *Induction of an Interleukin-1 receptor (IL-1R) on monocytic cells*. *Journal of Biological Chemistry* 265, 1990: 22499 - 22505.
- R Banerjee, S Karpen, M Siekevitz, G Lengyel, J Bauer, G Acs: *Tumor necrosis factor- $\alpha$  induces a  $\kappa$ B sequence-specific DNA-binding protein in human hepatoblastoma HepG2 cells*. *Hepatology* 10(6), 1990:1008-13.

## 1989

- J Bauer, G Lengyel, G Acs, W Gerok: *Regulation of interleukin-6 receptor expression in human hepatocyte primary cultures and in HEP G 2 hepatoma cells*. Journal of Hepatology 9, 1989. DOI:10.1016/0168-8278(89)90397-8
- K Busam, T Bauer, J Bauer, W Gerok, K Decker: *Regulation of interleukin 6 secretion by rat Kupffer cells*. Journal of Hepatology 9, 1989. DOI:10.1016/0168-8278(89)90202-X
- R Banerjee, S Karpen, M Siekevitz, G Lengyel, J Bauer, G Acs: *Tumor necrosis factor- $\alpha$  induces a kB sequence-specific DNA-binding protein in human hepatoblastoma HepG2 cells*. Hepatology 10(6), 1989:1008 - 1013. DOI:10.1002/hep.1840100620
- U Ganter, J Bauer, B Majello, W Gerok, G Ciliberto: *Characterization of mononuclear-phagocyte terminal maturation by mRNA phenotyping using a set of cloned cDNA probes*. European Journal of Biochemistry 185(2), 1989:291-6. DOI:10.1111/J1432-1033.1989.tb15114.x
- J Bauer, TM Bauer, T Kalb, T Taga, G Lengyel, T Hirano, T Kishimoto, G Acs, L Mayer, W Gerok: *Regulation of interleukin 6 receptor expression in human monocytes and monocyte-derived macrophages. Comparison with the expression in human hepatocytes*. Journal of Experimental Medicine 170(5), 1989:1537-49. DOI:10.1084/jem170.5.1537
- K Busam, A Hoss, R Zwatzki, J Bauer, W Gerok, K Decker. *Virus induced versus endotoxin-induced Kupffer cell activation*. Biological chemistry Hoppe-Seyler 370(9), 1989:882-883.
- J Bauer: *Interleukin-6 and its receptor during homeostasis, inflammation, and tumor growth*. Klinische Wochenschrift 67(14), 1989:697-706. DOI:10.1007/BF01721287
- J Bauer, G Lengyel, T M Bauer, G Acs, W Gerok: *Regulation of interleukin-6 receptor expression in monocytes and hepatocytes*. FEBS Letters 249(1), 1989:27-30. DOI:10.1016/0014-5793(89)80008-0
- PJ Gebicke-Haerter, J Bauer, A Schobert, H Northoff: *Lipopolysaccharide-free conditions in primary astrocyte cultures allow growth and isolation of microglial cells*. The Journal of Neuroscience: The Official Journal of the Society for Neuroscience 9(1), 1989:183-94.
- H Northoff, J Bauer, A Schobert, WA Flegel, PJ Gebicke-Haerter: *Lipopolysaccharide (LPS)-free conditions allow growth and purification of postnatal brain macrophages (microglia)*. Journal of Immunological Methods 116(1), 1989:147. DOI:10.1016/0022-1759(89)90324-4

## 1988

- J Bauer, U Ganter, T Geiger, U Jacobshagen, T Hirano, T Matsuda, T Kishimoto, T Andus, G Acs, W Gerok: *Regulation of interleukin-6 expression in cultured human blood monocytes and monocyte-derived macrophages*. Blood 72(4), 1988:1134-40.
- T Geiger, T Andus, J Bauer, H Northoff, U Ganter, T Hirano, T Kishimoto, PC Heinrich: *Cell-free-synthesized interleukin-6 (BSF-2/IFN- $\beta$ 2) exhibits hepatocyte-stimulating activity*. European Journal of Biochemistry 175(1), 1988:181-6. DOI:10.1111/J1432-1033.1988.tb14181.x
- J Bauer, U Ganter, W Gerok: *Endotoxin Abolishes the Induction of  $\alpha$ 2-Macroglobulin Synthesis in Cultured Human Monocytes Indicating Inhibition of the Terminal Monocyte Maturation into Macrophages*. Advances in Experimental Medicine and Biology 240, 1988:425-32. DOI:10.1007/978-1-4613-1057-0\_52

J Bauer, PJ Gebicke-Haerter, U Ganter, I Richter, W Gerok: *Astrocytes Synthesize and Secrete  $\alpha$ 2-Macroglobulin: Differences Between the Regulation of  $\alpha$ 2-Macroglobulin Synthesis in Rat Liver and Brain*. *Advances in Experimental Medicine and Biology* 240, 1988:199-205. DOI:10.1007/978-1-4613-1057-0\_24

T Andus, H Northoff, J Bauer, U Ganter, D Männel, T-A Tran-Thi, K Decker, PC Heinrich: *Induction of the proteinase inhibitor alpha 2-macroglobulin in rat hepatocytes by a monocyte-derived factor*. *Advances in Experimental Medicine and Biology* 240, 1988:191-8. DOI:10.1007/978-1-4613-1057-0\_23

T Geiger, T Andus, D Kunz, M Heisig, J Bauer, N Northoff, F Gauthier, T-A Tran-Thi, K Decker, PC Heinrich: *Regulation of proteinase activity by high molecular weight inhibitors: biosynthesis of rat alpha-macroglobulins*. *Advances in Experimental Medicine and Biology* 240, 1988:183-9. DOI:10.1007/978-1-4613-1057-0\_22

## 1987

U Ganter, J Bauer, C Schulz-Huotari, PJ Gebicke-Haerter, H Beeser, W Gerok: *Repression of  $\alpha$ 2macroglobulin and stimulation of  $\alpha$ 1proteinase inhibitor synthesis in human mononuclear phagocytes by endotoxin*. *European Journal of Biochemistry* 169 (1), 1987:13–20. doi:10.1111/j.1432-1033.1987.tb13574.x 169(1)

PJ Gebicke-Haerter, J Bauer, A Brenner, W Gerok:  *$\alpha$ 2-Macroglobulin synthesis in an astrocyte subpopulation*. *Journal of Neurochemistry* 49(4), 1987:1139-45. DOI:10.1111/J1471-4159.1987.tb10004.x

T Andus, T Geiger, T Hirano, H Northoff, U Ganter, J Bauer, T Kishimoto, PC Heinrich: *Recombinant human B cell stimulatory factor 2 (BSF-2/IFN  $\beta$ 2) regulates  $\beta$ -fibrinogen and albumin mRNA levels in Fao-9 cells*. *FEBS Letters* 221(1), 1987:18-22. DOI:10.1016/0014-5793(87)80344-7

T Andus, PC Heinrich, J Bauer, T-A Tran-Thi, K Decker, D Männel, H Northoff: *Discrimination of hepatocyte-stimulating activity from human recombinant tumor necrosis factor  $\alpha$* . *European Journal of Immunology* 17(8), 1987:1193-1197. DOI:10.1002/eji.1830170817

H Northoff, T Andus, T-A Tran-Thi, J Bauer, K Decker, B Kubanek, PC Heinrich: *The inflammation mediators interleukin 1 and hepatocyte-stimulating factor are differently regulated in human monocytes*. *European Journal of Immunology* 17(5), 1987:707-711. DOI:10.1002/eji.1830170520

## 1986

J Bauer, T-A Tran-Thi, H Northoff, F Hirsch, HJ Schlayer, W Gerok, PC Heinrich: *PC The acute-phase induction of  $\alpha$ 2-macroglobulin in rat hepatocyte primary cultures: action of hepatocyte-stimulating factor, triiodothyronine and dexamethasone*. *European Journal of Cell Biology* 40(1), 1986:86-93.

## 1985

J Bauer, W Weber, T A Tran-Thi, G H Northoff, K Decker, W Gerok, PC Heinrich: *Murine interleukin I stimulates  $\alpha$ 2-macroglobulin synthesis in rat hepatocyte primary cultures*. *FEBS Letters* 190(2), 1985:271-4. DOI:10.1016/0014-5793(85)81298-9

J Bauer, A Kurdowska, T-A Tran-Thi, W Budec, A Koj, K Decker, PC Heinrich: *Biosynthesis and secretion of  $\alpha$ 1 acute-phase globulin in primary cultures of rat hepatocytes*. *European Journal of Biochemistry* 146, 1985: 347–352. doi:10.1111/j.1432-1033.1985.tb08659.x

W Northemann, M Heisig, D Kunz, J Bauer, M Birmelin, T-A Tran-Thi, K Decker, PC Heinrich: *Biosynthesis of rat alpha 2-macroglobulin*. Biochemical Society Transactions 13(2), 1985:285-8. DOI:10.1042/bst0130285

J Bauer, A Kurdowska, T-A Tran-Thi, W Budek, A Koj, K Decker, PC Heinrich: *Biosynthesis and secretion of alpha 1 acute-phase globulin in primary cultures of rat hepatocytes*. European Journal of Biochemistry 146(2), 1985:347-52.

W Weber, J Bauer, K Decker, PC Heinrich: *Acute phase induction of rat alpha-2-macroglobulin – is interleukin-1 the stimulation factor*. Biological chemistry Hoppe-Seyler 366(9), 1985: 865-865.

## 1984

J Bauer, M Birmelin, G-H Northoff, W Northemann, T-A Tran-Thi, H Ueberberg, K Decker, PC Heinrich: *Induction of rat alpha-2-macroglobulin in vivo and in hepatocyte primary cultures: Synergistic action of glucocorticoids and a Kupffer-cell-derived factor*. FEBS Letters 177(1-177), 1984:89-94. DOI:10.1016/0014-5793(84)80987-4

V Gross, T Andus, TA Tran-Thi, J Bauer, K Decker, PC Heinrich: *Induction of acute phase response by dexamethasone in rat hepatocyte primary culture*. Experimental Cell Research 151(1), 1984:46-54. DOI:10.1016/0014-4827(84)90354-9

J Bauer, GH Northoff, W Northemann, M Birmelin, TA Tranthi, H Ueberberg, K Decker, PC Heinrich: *Induction of rat alpha-2-macroglobulin synthesis - synergistic action of glucocorticoids and a factor secreted from peripheral monocytes and Kupffer cells*. Hoppe-Seyler's Zeitschrift für physiologische Chemie 365(9), 1984:964-964.

W Weber, K Steube, V Gross, R Tauber, J Bauer, TA Tranthi, PC Heinrich: *The effect of the glucosidase inhibitor 1-deoxynojirmycin on the intracellular-transport of rat alpha-2-macroglobulin analyzed by subcellular fractionation*. Hoppe-Seyler's Zeitschrift für physiologische Chemie 365(9), 1984:1078-1078.