

CURRICULUM VITAE – Sven Schröder

Personal data

Birth Born November 3, 1962 in Hamburg, Germany
German citizen, married, two children Joana (1994), Lenja (1999)
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Main research areas

- Herbal medicine of neurodegenerative diseases (Cooperation with Anatomy UKE, ZMNH UKE, Baptist University HongKong, Zhejiang University Hangzhou, Tongji University Shanghai, Institute of Pharmacy and Biochemistry University of Mainz)
- Herbal medicine for wound healing (Cooperation with Dermatology UKE)
- Acupuncture for peripherals neuropathy (Cooperation with Neurology UKE)
- Mechanisms of acupuncture analgesia (Cooperation with Neurophysiology UKE, Surgery UKE)

Education

Study of Medicine (University Hamburg), Graduation 1990
Ph.D. Thesis in Medicine (University Medical Center Hamburg Eppendorf) 1991
Neurologist (Hamburg Medical Chamber) 1999
Acupuncturist (Hamburg Medical Chamber) 2000
Master-Program for TCM (University of Porto, ICBAS) 2007-2010

Positions held

From	To	Post	Speciality	Location	Consultants
01.12.90	28.02.91	HO	Neurology	Charité, University Hospital, Berlin	Prof. Neumärker
01.03.91	31.05.92	HO	Neurology	AK Altona	Prof.
01.06.92	31.07.92	SHO		General Hospital, Hamburg	Müller-Jensen
15.09.92	31.01.93	SHO	Psychiatry	AK Ochsenzoll General Hospital, Hamburg	Dr. Harms
01.02.93	31.10.96	SHO	Neurology	University Medical Centre Hamburg-Eppendorf	Prof. Kunze
01.11.96	31.10.97	SHO	Psychiatry	University Medical Centre Hamburg-Eppendorf	Prof. Naber
01.11.97	31.06.00	SHO	Neurology	University Medical Centre Hamburg-Eppendorf	Prof. Kunze/ Prof. Weiler
01.07.00	30.06.10	Owner	Neurology Chin. Medicine	Private Institute Hamburg	----
01.07.10	cont.	Director	Chin. Medicine	HanseMerkur TCM-Centre University Medical Centre Hamburg-Eppendorf	----

since 2010 head of German delegation in ISO TC-249, Traditional Chinese Medicine, since 2012 Convenor of WG2 ISO TC-249, Quality and safety of Chinese medical herbs.

Direction of theses

1998-1999	Neurofibromatosis
2000-2002	Spinal fluid, Ecstasy abuse
since 2007	Acupuncture for diabetic neuropathy, chemotherapy induced neuropathy and neuropathy of unknown cause.
Since 2010	Mechanisms of acupuncture analgesia
Since 2010	Herbal medicine for peripheral and central nervous system diseases
Since 2010	Herbal medicine and laser therapy for wound healing.

Grants since 2010:

2010	Acupuncture for peripheral neuropathy. Karberg-Stiftung Hamburg: 35.000 €
2012	Development of a new treatment concept with methods of chinese medicine for diseases of the nervous system. Innovationsstiftung Hamburg: 200.000 €
2013	Cupping therapy for male infertility. AL HAIL Group, UAE: 50.000 €
2014	Cooperative project with Dermatology UKE (Prof. Brandner) and the HM-Center for TCM at the UKE: Arnebia euchroma for wound healing. Bionorica award 2013: 50.000 €
2015	Gastric Hyperacidity, treatment with acupuncture. Skröder Stiftung: 10.000 €

PUBLICATIONS

2015 (May 30, 2015)

1. Friedemann, Min Li, Jian Fei, Udo Schumacher, Juxian Song, Sven Schröder. Hypothesis driven screening of Chinese herbs for promoting neuroprotection. Thomas (accepted, Science special issue Traditional Medicine)
2. Friedemann T, Schumacher U, Tao Y, Leung AKM, Schröder S. Coptisine is the main neuroprotective compound of *Coptis chinensis* (Franch.) against oxidative stress induced cytotoxicity. (submitted to eCAM)
3. Schröder S, Kirch S, Meyer-Hamme G, Friedemann T, Hauck M, Friedrichs S, Briem D. Immediate pain reduction in adhesive capsulitis by acupuncture- A randomized controlled double-blinded study. (submitted Journal of Shoulder and Elbow surgery)

2014

1. Friedemann T, Otto B, Klätschke K, Schumacher U, Yi T, Leung AKM, Efferth T, Schröder S. *Coptis chinensis* Franch. exhibits neuroprotective properties against oxidative stress in Human neuroblastoma cells. *Journal of Ethnopharmacology*. 08/2014; 155(1):607-615.
2. Schröder S, Meyer-Hamme G, Zhang JW, Hertz W, Hu WG. Systematic combinations of meridians (Part 3) Immediate relief of localized pain. *Chinese Medicine* 02/2014; 29(1):13-24.
3. Efferth T, Lee S, Motoo Y, Schröder S. Acupuncture and Herbal Medicine for Cancer Patients 2014. *Evidence-based Complementary and Alternative Medicine*. 08/2014; 2014. DOI: 10.1155/2014/326179
4. Beckmann KH, Meyer-Hamme G, Schröder S. Low Level Laser Therapy for the Treatment of Diabetic Foot Ulcers: A Critical Survey. *Evidence-based Complementary and Alternative Medicine* 01/2014; 2014:626127.
5. Liu CZ, Liang FR, Lin LG, Schröder S, Rekan T, Li Z.. Acupuncture Effect and Omics Studies. *Evidence-based Complementary and Alternative Medicine* 01/2014; 2014:464206.
6. Efferth T, Lee S, Motoo Y, Schröder S (Editors). *Acupuncture and Herbal Medicine for Cancer Patients 2014*. eCAM 2014, Hindawi (in press)

2013

1. Seo EJ, Kuete V, Kadioglu O, Krusche B, Schroeder S, Greten HJ, Arend J, Lee IS, Efferth T. Anti-angiogenic activity and pharmacogenomics of medicinal plants from traditional Korean medicine. *Evid Based Complement Alternat Med*. Volume 2013, Article ID 131306, 13 pages <http://dx.doi.org/10.1155/2013/131306>

2. Wiench B, Chen YR, Paulsen M, Hamm R, Schroeder S, Yang NS, Efferth T. Integration of different “-omics” technologies identifies inhibition of the IGF1R-Akt-mTOR signalling cascade involved in the cytotoxic effect of shikonin against leukaemia cells. Evidence-Based Complementary and Alternative Medicine Volume 2013, Article ID 818709, doi:10.1155/2013/818709
3. Kuete V, Seo EJ, Krusche B, Oswald M, Wiench B, Sven Schroeder, Greten HJ, Lee IS, Efferth T. Cytotoxicity and pharmacogenomics of medicinal plants from traditional Korean medicine. Evidence-Based Complementary and Alternative Medicine. Volume 2013 (2013), Article ID 341724, doi.:10.1155/2013/341724
4. LIU Z, XI J, Schröder S, WANG WG, XIE TP, WANG ZG, BAO S, FEI J. Chimonanthus nitens var. salicifolius aqueous extract protects against 5-Fuorouracil induced gastrointestinal mucositis in a mouse model Evidence-Based Complementary and Alternative Medicine. Volume 2013, Article ID 789263, 12 pages. <http://dx.doi.org/10.1155/2013/789263>
5. Schroeder S, Meyer-Hamme G, Zhang JW, Epplée S, Friedemann T, Hu WG. An acupuncture research protocol developed from historical writings by mathematical reflections: a rational individualized acupoint selection method for immediate pain relief. Evidence-based Complementary and Alternative Medicine 01/2013; 2013:256754. DOI:10.1155/2013/256754 pp.256754
6. Yu H*, Schröder S* (*equal contribution), Liu YF, Li ZF, Yang Y, Chen Y, Huang XX. Hemiparesis caused by Astrocytoma grade II in adults. Effects of acupuncture on sensory-motor behavior and quality of life. Evidence-Based Complementary and Alternative Medicine Volume 2013 (2013), Article ID 859763, doi: 10.1155/2013/8597632013
7. Maimer A, Remppis A, Sack FU, Ringes-Lichtenberg S, Greten T, Brazkiewicz F, Schröder S, Goncalves M, Efferth T, Greten HJ. Objectifying acupuncture effects by lung function and numeric rating scale in patients undergoing heart surgery. Evid Based Complement Alternat Med. 2013;2013:219817. doi: 10.1155/2013/219817.
8. Sven Schröder, Gesa Meyer-Hamme, Jianwei Zhang, Wei Hertz, Weiguo Hu. Systematic combinations of meridians (Part 2). Balanced acupuncture treatment with more than two meridians . Chinese Medicine 12/2013; 28(4):231-240.
9. Schröder S, Meyer-Hamme G, Zhang JW, Hu WG. Systematic combinations of meridians (part 1) The logic of historical systems – How can I keep my acupuncture treatment balanced? Chinese Medicine 03/2013; 28:171-185.
10. Rostock M, Jaroslowski K, Guethlin C, Ludtke R, Schröder S, Bartsch HH. Chemotherapy-induced peripheral neuropathy in cancer patients – A four arm randomized trial on the effectiveness of electro-acupuncture. Evidence-Based Complementary and Alternative Medicine. Volume 2013 (2013), Article ID 349653, 9 pages <http://dx.doi.org/10.1155/2013/349653>
11. Seca S, Capelo P, Efferth T, Doenitz CA, Schroeder S, Anjos A, Machado J, Greten HJ. Diagnosis and Objective Pain Assessment of Traditional Chinese Medicine May Be Useful to Demonstrate Specific Effects of Acupuncture in Low Back Pain: A Prospective,

Randomized, Controlled and Single Blinded Pre-study. *J. Acupunct. Tuina. Sci.* 2013, 11 (3): 155-159 DOI: 10.1007/s11726-013-0679-0

12. Schröder S, Beckmann K, Franconi G, Meyer-Hamme G, Friedemann T, Greten HJ, Rostock M, Efferth T. Can Medical Herbs Stimulate Regeneration or Neuroprotection and Treat Neuropathic Pain in Chemotherapy- Induced Peripheral Neuropathy (CIPN)? Evidence-Based Complementary and Alternative Medicine. Volume 2013 (2013), Article ID 423713, 18 pages <http://dx.doi.org/10.1155/2013/423713>

13. Schröder S, Lee S, Efferth T, Motoo Y. Cancer, a challenge for acupuncture and herbal medicine Evidence-Based Complementary and Alternative Medicine. Volume 2013 (2013), Article ID 313751, 5 pages <http://dx.doi.org/10.1155/2013/313751>

14. Meyer-Hamme G, Beckmann K, Radtke J, Efferth T, Greten HJ Rostock M, Schroeder S. A Recapitulatory Review of Chinese Medicinal Herbal Treatment for Chemotherapy-induced Oral Mucositis. Evidence-Based Complementary and Alternative Medicine. Volume 2013, Article ID 284959, 16 pages <http://dx.doi.org/10.1155/2013/284959>

15. Franconi G, Manni L, Schroeder S, Marchetti S, Robinson N. A systematic review of experimental and clinical acupuncture in chemotherapy-induced peripheral neuropathy. Evidence-based Complementary and Alternative Medicine 01/2013; 2013:516916

16. Liu CZ, Liang FR, Lin JG, Schröder S, Rekan T, Zhu L (eds.). Acupuncture Effect and Omics Studies. eCAM 2013, Hindawi. ISSN 171-427X

17. Schröder S, Lee S, Efferth T, Motoo Y. (eds.) . Acupuncture and Herbal Medicine for Cancer Patients. eCAM 2013, Hindawi. ISSN 171-427X

2012

1. Schroeder S., Meyer-Hamme G., Epplée S. Acupuncture for Chemotherapy Induced Peripheral Neuropathy (CIPN) – A pilot study using neurography. *Acupunct Med.* 2012 Mar;30(1):4-7

2. Schroeder S, Epplée S, Zhang JW, Meyer-Hamme G, Friedemann T, Hu WG. Mathematical Reflections on Acupoint Combinations in the Traditional Meridian Systems. Evidence-Based Complementary and Alternative Medicine Volume 2012, Article ID 268237, doi:10.1155/2012/268237

3. Xu LW, Jia M, Cui XC, Deng HY, Schroeder S, Salchow R. Chinese Herbal Medicine for Menopausal Symptoms. *Forum on Immunopathological Diseases and Therapeutics: Vol. 3 (1)*, 71-89, 2012

4. Kramer, S., Pothmann, R. Schroeder S., Meyer-Hamme G., Epplée S. Journal Club. Acupuncture for chemotherapy-induced peripheral neuropathy (CIPN): A pilot study using neurography. *Deutsche Zeitschrift für Akupunktur* 55 (2) , pp. 28, 2012

5. Meyer-Hamme G, Friedemann T, Xu LW, Epplée S, Schröder S. A Structured Literature Review of Acupuncture Treatment for Peripheral Neuropathy. *J Acupunct Tuina Sci* 2012 10 (4): 235-242

6. Sven Schroeder, Gesa Meyer-Hamme, Thomas Friedemann. Treatment of Chemotherapy Induced Peripheral Neuropathy: The Role of Medicinal Herbs. *Forum on Immunopathological Diseases and Therapeutics: Vol. 3 (1), 15-39, 2012*

2011 and prior

1. S. Schröder. Komplementäre Therapie des Mammakarzinoms, zusätzliche Therapiechancen der Traditionellen Chinesischen Medizin nutzen. *Ärztliches Journal Onkologie*. 2-11, 43-44, 2011

2. S. Schröder, M.K. Kim, T.Y. Choi, M.S. Lee, H. Lee and C.H. Han. Contralateral Acupuncture versus Ipsilateral Acupuncture in the Rehabilitation of Post-stroke Hemiplegic Patients: a Systematic Review. *Deutsche Zeitschrift für Akupunktur*, Volume 53, Issue 4, 2010, Pages 41-42

3. Schroeder S, Epplée S. Effective adjuvant treatment of neuropathic pain in peripheral neuropathy by acupuncture. *International Proceedings of the 3rd International Congress on Neuropathic Pain*. Medimond (ISBN 978-88-7587-567-1) 161-166, 2010

4. Schroeder, S., Epplée, S., Bey, A., Hu, W. and Brazkiewicz, F. (2010), Adjuvant Acupuncture treatment improves neuropathic pain in peripheral neuropathy and induces neural regeneration. *European Journal of Pain Supplements*, 4: 130. doi: 10.1016/S1754-3207(10)70464-8 . *European Journal of Pain Supplements* 4 47–146,130, 2010

5. Greten HJ, Greten T, Brazkiewicz F, Schröder S, Sertel S, Goncalves M, Wendt I, Karrer O, Mafal-da A, Remppis A. Symptoms of "Heat" as a Pattern of Physiopathology. *J Acupunct Tuina Sci* 6: 6, 2008

6. Greten HJ, Kick A, Scholz E, Fischer J, Greten T, Brazkiewicz F, Schröder S, Sertel S, Wendt I, Goncalves M, Karrer O, Remppis A. Acupuncture Effects on Heart Failure: How to Create Objective Study Designs. *J Acupunct Tuina Sci* 6: 307-308, 2008

7. Schröder S, Remppis A, Greten T, Brazkiewicz F, Morcos M, Greten HJ. Quantification of Acupuncture Effects on Peripheral Neuropathy of Unknown and Diabetic Cause by Nerve Conduction Studies. *J Acupunct Tuina Sci* 6: 312-314, 2008

8. Schröder S, Liepert J, Remppis A, Greten JH. Acupuncture treatment improves nerve conduction in peripheral neuropathy. *Eur J Neurol* 14, Issue 3: 276-281, 2007

9. Schröder S, Stürenburg HJ, Escherich F, Pfeiffer G. Lysozyme in ventriculitis: A marker for diagnosis and disease progression. *J Neurol Neurosurg Psychiatry* 69(5): 696-7, 2000

10. Schröder S, Bornhövd-Braeuer K, Stürenburg HJ, Rosenkranz M, Thomasius R. Neurologische Ergebnisse. Studie zur gesundheitlichen und psychosozialen Folgen des

Missbrauchs von Ecstasy. In: Ecstasy (R.Thomaisus Herausgeber), Wissenschaftliche Verlagsgesellschaft Stuttgart, 188-195, 2000

11. Stürenburg HJ, Schröder S, Petersen U, Thomasius R. Ergebnisse der Neurochemie der Studie zur gesundheitlichen und psychosozialen Folgen des Missbrauchs von Ecstasy. In: Ecstasy (R.Thomaisus Herausgeber), Wissenschaftliche Verlagsgesellschaft Stuttgart, 196-207, 2000

12. Schröder, S., Bornhövd-Braeuer, K., Stuerenburg, H. J., Rosenkranz, M. & Thomasius, R. (2000). Diskussion der Ergebnisse der Neurologie. In Thomasius, R. (Hrsg.), Ecstasy - Eine Studie zu gesundheitlichen und psychosozialen Folgen des Mißbrauchs (S. 281-283). Frankfurt: Wissen-schaftliche Verlagsgesellschaft.

13. Stuerenburg, H. J., Schröder, S., Petersen, K. U. & Thomasius, R. (2000). Diskussion der Ergebnisse der Neurochemie. In Thomasius, R. (Hrsg.), Ecstasy - Eine Studie zu gesundheitlichen und psychosozialen Folgen des Mißbrauchs (S. 283-285). Frankfurt: Wissenschaftliche Verlagsgesellschaft.

14. Stuerenburg, H. J., Schröder, S., Petersen, K. U. & Thomasius, R. (2000). Ergebnisse der Neuro-chemie. In Thomasius, R. (Hrsg.), Ecstasy - Eine Studie zu gesundheitlichen und psycho-sozialen Folgen des Missbrauchs (S. 196-208). Frankfurt: Wissenschaftliche Verlagsgesellschaft.

15. Schröder S. Neurologische Notfälle und Langzeiteffekte nach Ecstasy-Gebrauch. In Thomasius R.: Ecstasy-Wirkungen, Risiken, Interventionen- Ein Leitfaden für die Praxis, Ferdinand Enke Verlag, Stuttgart, 1999

16. Stürenburg H, Oechsner M, Schröder S, Kunze K. Determination of the copper concentration in cerebrospinal fluid. J Neurol Neurosurg Psychiatry. 67(2): 252-3, 1999

17. Schröder S., Baumann-Schröder U, Hazim W, Haase W, Mautner VF. Long-term outcome of gliomas of the visual pathway in type 1 neurofibromatosis. Klin Monatsbl Augenheilk 215(6): 349-54, 1999

18. Mautner VF, Schröder S, Pulst SM, Ostertag H, Kluwe L. Neurofibromatosis versus Schwannomatosis. Fortschr Neurol Psychiatr. 66(6): 271-7, 1998

19. G. Riemer, H. C. Hansen, O. Theis, S. Schröder, K. Kunze. EEG-pattern changes indicate the need of shunting procedures in subarachnoid hemorrhage (SAH). Electroencephalography and Clinical Neurophysiology. 01/1997; 102(4).

20. G. Riemer, H.C. Hansen, O. Theis, S. Schröder, K. Kunze. P216 Value of the electroencephalogram in prediction of hydrocephalus. Electroencephalography and Clinical Neurophysiology. Volume 99, Issue 4 , Page 323, October 1996

21. Hörmann K, Schröder S: Biokompatibilität von Polysulfon-Kohlenstoff-Prothesen – auto- und homologe Gehörknöchelchen. Arch Oto Rhin Laryng: 274-275, 1991

Guest editor:

2013 Acupuncture and herbal Medicine for cancer patients, ECAM

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