

**Prof. Dr. med. CLAUDIA SOMMER****1) General information**

Date of birth: 05 November, 1958  
 Gender: Female  
 Address: Universitätsklinikum Würzburg  
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 Position: Professor of Neurology (W2),  
 Universitätsklinikum Würzburg  
 Children: None  
 Parental leave, if applicable: None

**2) University training and degree**

1977 - 1983 Medical School (Univ. Mainz, Germany and Institute of Neurology, London)

**3) Advanced academic qualifications**

1997 Habilitation in Neurology, Univ. Würzburg, Germany  
 1983 Doctoral degree (Dr. med), Institute of Medical Microbiology, Johannes  
 Gutenberg-Universität Mainz

**4) Postgraduate professional career**

Since 1995 Staff Neurologist and since 2002 Professor of Neurology at the Department of  
 Neurology, University of Würzburg, Germany  
 1993 - 1995 Staff Neurologist, Department of Neurology, University of Aachen, Germany  
 1991 - 1993 Research fellow with the Peripheral Nerve Research Group, University of  
 California, San Diego  
 1984 - 1986 Residency in Psychiatry, Rheinische Landeslinik, Köln, Germany  
 1988 - 1991 Residency in Neurology, Department of Neurology at the University of  
 Aachen, Germany  
 1987 - 1988 Research fellow at the Institute of Neuropathology , University Hospital  
 "Klinikum der RWTH "Aachen , Germany

**5) Other**Awards and honours:

2002 Pain Research Prize of the German Pain Society  
 1998 Sertürner Award  
 1994 Pain Research Prize of the German Pain Society

Panels and coordinating functions:

Since 2021 Speaker of the Klinische Forschergruppe KFO 5001  
 Since 2021 Board of Directors Member of the Peripheral Nerve Society  
 2020 - 2022 President of the International Association for the Study of Pain (IASP)

2018 - 2020	President of the German Pain Society
2016 - 2021	Chair of Teaching Course Committee of the European Academy of Neurology, EAN.
2012, 2014	Scientific Committee World Congress on Pain, Chair for 2016
2006 - 2015	Chair, Committee on Neuropathies of the European Neurologic Society (now EAN)
2005 - 2011	Chair, Panel on Neuropathic Pain of the European Federation of Neurological Societies Memberships:
2012 - 2018	IASP Councilor
2003 - 2010	Board of Directors Member of the Peripheral Nerve Society

Reviewing Boards:

Several Ad-hoc reviewing boards for DFG (Germany), ERC (Europe), (Canada), German Neurological Society, Various Foundations.

Editorial boards:

Since 2022	Fortschritte der Neurologie und Psychiatrie
Since 2022	Neurological Research and Practice, Section Editor
Since 2020	Deputy Editor of the European Journal of Neurology
Since 2019	Pain and Therapy
Since 2012	Editorial Board Schmerz
Since 2012	Editorial Board PlosOne
2012 - 2018	Editorial Board Aktuelle Neurologie
2002 - 2016	Editorial Board Journal of the Peripheral Nervous System
2011- 2015	Editorial Board European Journal of Pain
2009 - 2020	Editorial Board Pain

## **6) Publications**

### **A)**

Reinhold AK, Krug SM, Salvador E, Sauer RS, Karl-Schöller F, Malcangio M, Sommer C, Rittner HLMicroRNA-21-5p functions via RECK/MMP9 as a proalgesic regulator of the blood nerve barrier in nerve injury. **Ann N Y Acad Sci**; 11, 2022.

Spitzel M, Wagner E, Breyer M, Henniger D, Bayin M, Hofmann L, Mauceri D, Sommer C, Üçeyler N. Dysregulation of Immune Response Mediators and Pain-Related Ion Channels Is Associated with Pain-like Behavior in the GLA KO Mouse Model of Fabry Disease. **Cells**; 11, 2022.

Aster HC, Evdokimov D, Braun A, Üçeyler N, Kampf T, Pham M, Homola GA, Sommer C. CNS imaging characteristics in fibromyalgia patients with and without peripheral nerve involvement. **Sci Rep**; 12:6707, 2022.

Verma V, Drury GL, Parisien M, Özdağ Acarli AN, Al-Aubodah TA, Nijnik A, Wen X, Tugarinov N, Verner M, Klares R, 3rd, Linton A, Krock E, Morado Urbina CE, Winsvold B, Fritsche LG, Fors EA, Piccirillo C, Khoutorsky A, Svensson CI, Fitzcharles MA, Ingelmo PM, Bernard NF, Dupuy FP, Üçeyler N, Sommer C, King IL, Meloto CB, Diatchenko L. Unbiased

immune profiling reveals a natural killer cell-peripheral nerve axis in fibromyalgia. **Pain**; 163:e821-e36, 2022.

Bouhassira D, Perrot S, Riant T, Martiné-Fabre G, Pickering G, Maindet C, Attal N, Ranque Garnier S, Nguyen JP, Kuhn E, Viel E, Kieffert P, Tölle T, Delorme C, Deleens R, Giniès P, Corand-Dousset V, Dal-Col C, Serrie A, Chevrillon E, Gov C, Ramirez-Gil JF, Delval C, Schaller M, Bessière B, Houéto P, Sommer C. Safety and efficacy of an equimolar mixture of oxygen and nitrous oxide: a randomized controlled trial in patients with peripheral neuropathic pain. **Pain**; 162:1104-15, 2021.

Sommer C. Exploring pain pathophysiology in patients. **Science** 2016;354:588-592.

Doppler K, Appeltshauser L, Villmann C, Martin C, Peles E, Kramer HH, Haarmann A, Buttman M, Sommer C. Auto-antibodies to contactin-associated protein 1 (Caspr) in two patients with painful inflammatory neuropathy. **Brain**; 139:2617-2630, 2016.

Doppler K, Ebert S, Uceyler N, Trenkwalder C, Ebentheuer J, Volkmann J, Sommer C. Cutaneous neuropathy in Parkinson's disease: a window into brain pathology. **Acta Neuropathologica**; 128:99-109, 2014.

Üceyler N, Zeller D, Kahn AK, Kewenig S, Kittel-Schneider S, Schmid A, Casanova-Molla J, Reiners K, Sommer C. Small fibre pathology in patients with fibromyalgia syndrome. **Brain**; 136:1857-1867, 2013.

Sommer C, Weishaupt A, Brinkhoff J, Biko L, Wessig C, Gold R, Toyka KV. Paraneoplastic stiff-person syndrome: passive transfer to rats by means of IgG antibodies to amphiphysin. **Lancet**; 365(9468):1406-1411, 2005.

**B) other publications:** -

**C) Patents:** -

