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Current position: Postdoctoral fellow



CURRICULUM VITAE

University education

2005 – 2007 Master of Philosophy in Life sciences, Jawaharlal Nehru University, India
2002 – 2005 Master of Science in Medical biochemistry, JIMPER, Pondicherry University, India.
1999 - 2002 Bachelor of Science in Biochemistry, University of Madras, India

Scientific degrees

2012 Doctoral dissertation, Ph.D. (*Summa cum laude*)
Subject: 'Glutamatergic and GABAergic signaling in peripheral nociceptive neurons: contributions to chronic pain'. Supervisor: Prof. Dr. Rohini Kuner, Institute of Pharmacology, Heidelberg University, Germany

Professional experience

Since 2012 Postdoctoral fellow with Prof. Dr. Rohini Kuner, Institute of Pharmacology, Heidelberg University, Germany

Awards and honors

2012 Postdoctoral fellowship from the Medical Faculty Heidelberg, Heidelberg University

Memberships, panels and coordinating functions:

Member of the International Association for the Study of Pain

5 most important publications

Selvaraj D, **Gangadharan V**, Michalski CW, Kurejova M, Stösser S, Srivastava K, Schweizerhof M, Waltenberger J, Ferrara N, Heppenstall P, Shibuya M, Augustin HG, Kuner R. A Functional Role for VEGFR1 Expressed in Peripheral Sensory Neurons in Cancer Pain. Cancer Cell. 2015 27(6):780-96.

- Gangadharan V**, Selvaraj D, Kurejova M, Njoo C, Gritsch S, Skoricová D, Horstmann H, Offermanns S, Brown AJ, Kuner T, Tappe-Theodor A, Kuner R. A novel biological role for the phospholipid lysophosphatidylinositol in nociceptive sensitization via activation of diverse G-protein signaling pathways in sensory nerves in vivo. *Pain* 2013;154:2801-12.
- Luo C, **Gangadharan V**, Bali KK, Xie RG, Agarwal N, Kurejova M, Tappe-Theodor A, Tegeder I, Feil S, Lewin G, Polgar E, Todd AJ, Schlossmann J, Hofmann F, Liu DL, Hu SJ, Feil R, Kuner T, Kuner R. Presynaptically localized cyclic GMP-dependent protein kinase 1 is a key determinant of spinal synaptic potentiation and pain hypersensitivity. *PLoS Biol* 2012;10: e1001283.
- Gangadharan V**, Wang R, Ulzhöfer B, Luo C, Bardoni R, Bali KK, Agarwal N, Tegeder I, Hildebrandt U, Nagy GG, Todd AJ, Ghirri A, Häussler A, Sprengel R, Seeburg PH, Macdermott AB, Lewin GR, Kuner R. Peripheral calcium-permeable AMPA receptors regulate chronic inflammatory pain in mice. *J Clin Invest* 2011;121: 1608-23.
- Gangadharan V**, Agarwal N, Brugger S, Tegeder I, Bettler B, Kuner R, Kurejova M. Conditional gene deletion reveals functional redundancy of GABAB receptors in peripheral nociceptors in vivo. *Mol Pain* 2009,5: 68.