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Work Experience:

2016/06- Senior Scientist, Dept. of Biomedicine, University of Bergen, Norway
2015-2016: Senior Scientist, Dept. of Clinical Dentistry, University of Bergen, Norway
2010-2014: Senior Lab Manager/Senior Scientist, Dept. of Dental Medicine, Karolinska Institutet, Sweden
2006-2014: Principal Investigator, Group leader of Neurobiology, School of Life Science and Engineering, Harbin Institute of Technology, Harbin, China
2008-2010: Senior Research Fellow, Dept. of Molecular Medicine and Surgery, Rolf Luft Research Center for Diabetes and Endocrinology, Karolinska University Hospital, Sweden
2005-2008: Research Fellow, Dept. of Neuroscience, Karolinska Institutet, Stockholm, Sweden
2003-2005: Post-Doctoral Fellow, Dept. of Toxicology and Neurotoxicology, Institute of Environmental Medicine, Karolinska Institutet, Sweden
2001-2003: Post-Doctoral Fellow, Dept. of Neuroscience, Karolinska Institutet, Stockholm, Sweden
1994-1995: Visiting Scientist, Dept. of Neuroscience, Karolinska Institutet, Stockholm, Sweden
1993-1994: Resident Physician, Affiliated Hospital of Yigongju, Harbin, China

Education:

1996-2001: Ph.D., Dept. of Neuroscience, Karolinska Institutet, Stockholm, Sweden
1988-1993: Bachelor of Medicine, Jiamusi Medical Institute, China

Pedagogical Education:

Web Course for Supervisors (Karolinska Institutet, Sweden); Continuation Course in Pedagogy for Doctoral Supervisors (Karolinska Institutet, Sweden); Introductory Doctoral Supervision Course (Karolinska Institutet, Sweden); Teaching and Learning in Higher Education (Karolinska Institutet, Sweden)

Supervision:

M.Sc. Students (main supervisor, 4 students); Ph.D. Students (main-supervisor, 3 students)
Post-doc Education (co-supervision, 4 students)

Teaching:

Lecturing (Basic Knowledge of Neuroscience, School of Life Science and Engineering, Harbin Institute of Technology); Committees (Half-time control and thesis dissertation, Harbin Institute of Technology, M.Sc./Doctoral Education); Teaching Assistant (Dept. of Neuroscience, Karolinska Institutet); Summer Course Supervision (Dept. of Dental Medicine, Karolinska Institutet)

Membership Experiences of Scientific Societies:

Swedish Society for Neuroscience, Society for Neuroscience (SFN), Swedish Pain Society, International Association for the Study of Pain (IASP)

External Research Grants:

Karolinska Institutet Postdoctoral Fellowship Grant; The Swedish Brain Foundation Postdoctoral Fellowship Grant; Start-Up Funding, Harbin Institute of Technology; Natural Scientific Research Innovation Foundation from Harbin Institute of Technology; The China Scholarship Council

Review Experience:

British Journal of Pharmacology, Neuroscience Letters, Neuropeptides, Pharmacological Reports, Journal of Neurosurgical Anesthesiology, Journal of Neuroscience, Journal of Comparative Neurology, Plos One, Archives of Pharmacal Research, Neural Regeneration Research

Publications:

1. Ji R-R, Shi T-J, Xu Z-Q, Sakagami H, Tsubochi H, Kondo H and Hökfelt T (1996). Ca²⁺/Calmodulin-dependent protein kinase IV in dorsal root ganglion: Colocalization with peptides, axonal transport and effect of axotomy. *Brain Res*, 721: 167-173.
2. Zhang Q, Shi T-J, Ji R-R, Zhang Y-T, Sundler F, Hannibal J, Fahrenkrug J and Hökfelt T (1996). Expression of pituitary adenylate cyclase- activating polypeptide in dorsal root ganglia following axotomy: time course and coexistence. *Brain Res*, 705: 149-158.
3. Xu Z-Q, Shi T-J and Hökfelt T (1996). Expression of galanin and a galanin receptor in several sensory systems and bone anlage of rat embryos. *Proc. Natl. Acad. Sci. USA*, Vol. 93: 14901-14905.
4. Corness J, Shi T-J, Xu Z-Q, Bruletand P and T. Hökfelt (1996). Influence of leukemia inhibitory factor on galanin /GMAP and neuropeptide Y expression in mouse primary sensory neurons after axotomy. *Exp Brain Res*, 112: 79-88.
5. Xu Z-Q, Shi T-J, Landry M and Hökfelt T (1996). Evidence for galanin receptor in primary sensory neurons after axotomy and inflammation. *NeuroReport*, 8: 237-24.
6. Zhang X, Bao L, Shi T-J, Ju G, Elde R and Hökfelt T (1997). Opiate receptor in rat and monkey dorsal root ganglion neurons and spinal cord after peripheral axotomy. *Neuroscience*, 82: 223-240.
7. Zhang X, Shi T-J, Holmberg K, Landry M, Huang W-J, Xiao H-S, Ju G and Hökfelt T (1997). Expression and regulation of the neuropeptide Y Y₂ receptor in sensory and autonomic ganglia. *Proc. Natl. Acad. Sci. USA*, 94: 729-734.
8. Hökfelt T, Zhang X, Xu Z-Q, Ji R-R, Shi T-J, Corness J, Kerekes N, Landry M, Rydh-Rinder M, Broberger C, Wiesenfeld-Hallin Z, Bartfai T, Elde R and Ju G (1997). Cellular and synaptic mechanisms in transition of pain from acute to chronic. *Proceedings of the 8th World Congress on Pain, Progress in Pain Research and Management*, 8: 133-153.
9. Hökfelt T, Zhang X, Xu Z-Q, Ji R-R, Shi T-J, Corness J, Kerekes N, Landry M, Holmberg K and Broberger C (1997). Phenotype regulation in dorsal root ganglion neurons after nerve injury: focus on peptides and their receptors. *Molecular Neurobiology of Pain, Progress in Pain Research and Management*, 9: 115-143.
10. Ichitani Y, Shi T-J, Haeggström J, Samuelsson B and Hökfelt T (1997) Increased levels of cyclooxygenase-2 mRNA in the rat spinal cord after peripheral inflammation: an in situ hybridization study. *NeuroReport*, 8: 2949-2952.
11. Hökfelt T, Zhang X, Xu Z-Q, Shi T-J, Corness J, Kerekes N, Landry M, Holmberg K, Rydh-Rinder M, Broberger C, Ji R-R and Elde R (1997) Dynamic Cells-Cell Biology, Hirosaki, Japan, Oct 30.
12. Shi T-J, Zhang X, Holmberg K, Xu Z-Q and Hökfelt T (1997) Expression and regulation of galanin-R2 receptors in rat primary sensory neurons: effect of axotomy and inflammation. *Neurosci Lett*, 237: 57-60.

13. Shi T-J, Holmberg K, Xu Z-Q, Steinbusch H, Vente J D and Hökfelt T (1997). Effect of peripheral nerve injury on cGMP and nitric oxide synthase expression in rat dorsal root ganglia: Time course and coexistence. *Pain*, 78:171-180.
14. Xu Z-Q, Shi T-J and Hökfelt T (1998). Galanin/GMAP and NPY-like immunoreactivities in locus coeruleus and noradrenergic nerve terminals in the hippocampal formation and cortex with notes on the galanin-R1 and -R2 receptors. *J Comp Neurol*. 392: 227-51.
15. Shi T-J, Zhang X, Berge O G, Erikson J C, Palmiter R D, and Hökfelt T (1998) Effect of peripheral axotomy on dorsal root ganglion neuron phenotype and autotomy behaviour in neuropeptide Y-deficient mice. *Reg. Peptides*, 75-76: 161-173.
16. Hökfelt T, Zhang X, Xu Z-Q, Ji R-R, Shi T-J, Corness J, Kerekes N, Landry M, Holmberg K, Rydh-Rinder M, Broberger C, Ji R-R and Elde R (1998) Plasticity in expression of neuronal messenger molecules: mechanisms and functional aspects. *Dynamic Cells: Cell Biology of the 21st Century*. 1-15.
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18. Hao J-X, Shi T-J, Xu S, Kaupilla T, Xu X-J, Hökfelt T, Bartfai T and Wiesenfeld-Hallin Z (1999) Intrathecal galanin alleviates allodynia-like behavior in rats after partial peripheral nerve injury. *Eur J Neurosci*, 11: 427-432.
19. Hökfelt T, Shi T-J, Cui J-G, Meyerson B, Linderöth B, Tong Y-G, Wang H F, Xu Z-Q, Ju G, Grant G and Zhang X (1999) Further studies on phenotypic changes induced in DRG neurons by nerve injury, *Opioid Sensitivity of Chronic Non-Cancer Pain, Progress in Pain Research and Management Series (IASP)*.
20. Zhang X, Xu Z-Q, Shi T-J, Landry M, Holmberg K, Ju G, Tong Y-G, Bao L, Cheng X-P, Wiesenfeld-Hallin Z, Lozano A, Dostrovsky J and Hökfelt T (1999) The regulation of expression of galanin and galanin receptors in dorsal root ganglia and spinal cord after axotomy and inflammation. *Galanin: Basic Research Discoveries and Therapeutic Implications*. NY Acad Sci, 863.
21. Hökfelt T, Xu Z-Q, Shi T-J, Holmberg K and Zhang X (1999) Galanin in ascending systems: focus on 5-hydroxytryptamine and noradrenaline. *Galanin: Basic Research Discoveries and Therapeutic Implications*. NY Acad Sci, 863.
22. Shi T-J, Cui J-G, Meyerson B, Linderöth B and Hökfelt T (1999). Expression of neuropeptide Y and galanin mRNA in rat dorsal root ganglia in four peripheral nerve injury models. *Neuroscience*, 93: 741-757.
23. Shi T-J, Winzer-Serhan U, Leslie F and Hökfelt T (1999) Distribution of α_2 -adrenoceptor mRNAs in the rat lumbar spinal cord in normal and axotomized rats. *NeuroReport*, 13: 1-5.
24. Hökfelt T, Zhang X, Shi T-J, Tong Y-G, Wang H F, Xu Z-Q, Landry M, Ju G, Grant G and Villar M (1999) Phenotypic changes in peripheral and central neurons induced by nerve injury: Focus on neuropeptides. *Challenges for Neuroscience in 21st Century. The twenty-second International Symposium*.
25. Hökfelt T, Xu Z-Q, Broberger C, Shi T-J and Zhang X (2000) General overview of neuropeptides. *Psychopharmacology: The Fourth Generation of Progress*.
26. Shi T-J, Winzer-Serhan U, Leslie F and Hökfelt T (2000) Distribution and regulation of α_2 -adrenergic receptors in rat dorsal root ganglia. *Pain*, 84: 319-330.
27. Rezaei K, Xu S, Wu W-P, Shi T-J, Soomets U, Land T, Xu X-J, Wiesenfeld-Hallin Z, Hökfelt T, Bartfai T and Langel U (2000) Intrathecal administration of PNA targeting galanin receptor reduces galanin-mediated inhibitory effect in the rat spinal cord. *NeuroReport*, 12: 317-320.
28. Holmberg K, Shi T-J, Albers K M, Davis B M and Hökfelt T (2001) Effect of peripheral nerve lesion on peptide regulation in the dorsal root ganglia in NGF over expression mice. *Exp Neurol*, 167: 290-303.
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44. Shi T-J, Liu SX, Hammarberg H, Watanabe M, Xu ZQ, Hökfelt T (2008) Phospholipase C β 3 in mouse and human dorsal root ganglia and spinal cord is a possible target for treatment of neuropathic pain. *Proc Natl Acad Sci U S A*. 105:20004-8.
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49. Li Y-Y, Zheng S-Q, Liang X-L, Jin Y-S, Wu Y-D, Bai H-C, Liu R-F, Dai Z-F, Liang Z-C, Shi T-J (2014) Doping hydroxylated cationic lipid into PEGylated cerasome boosts in vivo siRNA transfection efficacy. *Bioconjugate Chem.*, 25, 2055–2066.

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51. Lyu C, Mulder J, Barde S, Sahlholm K, Zeberg H, Nilsson J, Århem P, Hökfelt T, Fried K, Shi T-J (2015). G protein-gated inwardly rectifying potassium channel subunits 1 and 2 are down-regulated in rat dorsal root ganglion neurons and spinal cord after peripheral axotomy. *Mol Pain*, 11:44.
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