

List of Publications (from 2002. by Seoul National University Team)

No	Author	Title	Journal	Vol	Start page	Final pages	Year	Category	SCI
1	Yoo JS, Kim HB, Won N, Bang J, Kim S, Ahn S, Lee BC, Soh KS	Evidence for an Additional Metastatic Route: In vivo Imaging of Cancer Cells in the Primo-vascular System around Tumors and Organs	Mol Imaging Biol	13	471	480	2011	Anatomy,Cancer-PVS, Mouse	O
2	Hyun-JungHan, Sang-JunPark, Kwang-supSoh, Hyoun-Seok Myoung, Kyoung-JoungLee, VyacheslavOgay, andYong-HeumLee	Electrical Characterization of Proposed Transpositional Acupointson the Urinary Bladder Meridianina Rat Model	Evidence-BasedComplement aryandAlternative Medicine	doi:10.1155/2011/295475	Article ID295475	8	2011	Physiology	O
3	Sang-Suk Lee, Kwang-Sup Soh	The Low and Static Magnetic Field Effects on the Motion of Biomolecule Sanals Inside the Primo Vascular System	J Korean Magnetics Society	21(6)	219	224	2011	Sanal	(Korean)
4	Min-Ho Nam, Chang Shik Yin, Kwang-Sup Soh, Seung-hoon Choi	Adult Neurogenesis and Acupuncture Stimulation at ST36	J Acupuncture and Meridian Studies	4(3)	153	158	2011	Review. Brain/Nerve	
5	Jaekwan Lim, Jong Hyun Jung, Sungwoo Lee, Zhendong Su, Zhou Qiang	Estimating the density of fluorescent nanoparticles in the primo vessels in the fourth ventricle and the spinal cord of a rat	J Biomed Opt	16(11)	116010		2011	Physiology,Imaging,Brain/Nerve-PVS. Rat	O
6	Zhao-Feng Jia, Kwang-Sup Soh, Qiang Zhou, Bo Dong, Wen-Hui Yu	Study of Novel Threadlike Structures on the Intestinal Fascia of Dogs	J Acupuncture and Meridian Studies	4(2)	98	101	2011	Anatomy,OS-PVS, Dog	
7	Lee BC, Kim HB, Sung B, Kim KW, Sohn JM, Son BR, Chang BJ, Soh KS	Network of Endocardial Vessels	Cardiology	118	1	7	2011	Anatomy,Cardiac-PVS,Cow	O

8	Jung JH, Sung B, Soh KS	Fine Structures of Fibers in Primo Nodes and Vessels	Connective Tissue Research	DOI 10.3109/03008207.2011.582971			2011	Anatomy,EM,OS-PVS, Rat	O
9	Dai JX, Lee BC, An P, Su ZD, Qu RM, Eom KH, Soh KS	In situ staining of the primo vascular system in the ventricles and subarachnoid space of the brain by trypan blue injection into the lateral ventricle	Neural Regen Res.	6(28)	2171	2175	2011	Anatomy,Brain/Nerve-PVS, Rat	O
10	Choi CJ, Jung JH, Soh Ks, Ryu YH, Ryu PD,Park SH	Spontaneous Action Potential from Threadlike Structures on the Surfaces of Abdominal Organs	J Kor. Phys. Soc	58(4)	831	836	2011	Physiology,Electric,OS-PVS, Rat	O
11	Yoo JS, Hossein Ayati M, Kim HB, Zhang W, Soh KS	Characterization of the Primo-Vascular System in the Abdominal Cavity of Lung Cancer Mouse Model and Its Differences from the Lymphatic System	PLos One	5(4)	e9940		2010	Anatomy, Cancer-PVS, Mouse	O
12	Ping An, Jingxing Dai, Zhendong Su, Jung-Sun Yoo, Rongmei Qu, Sung-Woo Lee, Ki-Hoon Eom, Kyang-Hee Bae, Hesheng Luo, Kwang-Sup Soh	Putative Primo-vascular System in Mesentery of Rats	JAcupuncture and Meridian Studies	3(4)	232	240	2010	Anatomy, OS-PVS, Rat	
13	Lee BC, Kim KW, Soh KS	Characteristic Features of a Nerve Primo-vessel Suspended in Rabbit Brain Ventricle and Central Canal	J Acupuncture and Meridian Studies	3(2)	75	80	2010	Anatomy, Brain/Nerve-PVS, Rabbit	
14	Jia ZF, Lee BC, Eom KH, Cha JM, Lee JK, Su ZD, Yu WH, Ryu PD, Soh KS	Fluorescent Nanoparticles for Observing Primo Vascular System Along Sciatic Nerve	J Acupuncture and Meridian Studies	3(3)	150	155	2010	Anatomy,Brain/Nerve-PVS, Rat	

15	Yoo JS, Won N, Kim HB, Bang J, Kim S, Ahn S, Soh KS	In vivo imaging of cancer cells with electroporation of quantum dots and multispectral imaging	J Applied Physics	DOI: 0.1063/1.3447858			2010	Anatomy,Cancer-PVS, Mouse	O
16	Han HJ, Ogay V, Park SJ, Lee BC, Kim KW, Lee YW, Lee JK, Soh KS	Primo-Vessels as New Flow Paths for Intratesticular Injected Dye in Rats	J Acupuncture and Meridian Studies	3(2)	81	88	2010	Anatomy,OS-PVS,Rat	
17	Lee BC, Eom KH, Soh KS	Primo-vessels and Primo-nodes in Rat Brain, Spine and Sciatic Nerve	J Acupuncture and Meridian Studies	3(2)	111	115	2010	Anatomy,Brain/Nerve-PVS, Rat	
18	Bai Y, Yuan L, Soh KS, Lee BC, Huang Y, Wang CL, Wang J, Wu JP, Dai JX, Palhalmi J, Sha O, Yew DTW	Possible Applications for Fascial Anatomy and Fasciaology in Traditional Chinese Medicine	J Acupuncture and Meridian Studies	3(2)	125	132	2010	Review	
19	Soh KS	Theory of Phase Invariance	J Korean Physical Society	56(4)	1068	1073	2010	Theoretical Physics	
20	Lee BC, Soh KS	Visualization of Acupuncture Meridians in the Hypodermis of Rat Using Trypan Blue	J Acupuncture and Meridian Studies	3(1)	49	52	2010	Anatomy,Skin-PVS,Rat	
21	Sung B, Kim MS, Lee BC, Ahn SH, Hwang SY, Soh KS	A cytological observation of the fluid in the primo nodes and vessels on the surfaces of internal organs	Biologia	65(5)	914	918	2010	Physiology,Cytol, OS-PVS,Rat	O
22	Sung B, Kim MS, Corrigan A, Donald AM, Soh KS	In situ microextraction method to determine the viscosity of biofluid in threadlike structures on the surfaces of mammalian organs	Physical Review E	E 79, 022901			2009	Physiology,Motion,Sanal,Rabbit	O
23	Soh KS	Bonghan Circulatory System as an Extension of Acupuncture Meridians	J Acupunct. Meridian Stud	2(2)	93	106	2009	Review	
24	Han HH, Sung B, Ogay V, Soh KS	The Flow Path of Alcian Blue From the Acupoint BL23 to the Surface of Abdominal Organs	J Acupuncture and Meridian Studies	2(3)	182	189	2009	Physiology,Circulation,Rat	

25	Yi SS, Hwang IK, Kim MS, Soh KS, Yoon YS	The Origin of Endothelial Cells in Novel Structures, Bonghan Ducts and Bonghan Corpuscles Determined Using Immunofluorescence	J Acupuncture and Meridian Studies	2(3)	190	196	2009	Anatomy, IHC, OS-PVS, Rat	
26	이병천, 엄기훈, 배경희, 강대인, 소광섭	Trypan blue 도포를 사용한 누드 마우스와 흰 쥐에서 경혈자리 찾기와 DiI 추적 법	대한약침학회지	12(3)	25	30	2009	Anatomy, Skin-PVS, Rat	
27	Lim J, Chae M, Kim J, Sohn J, Soh KS	Development of a Laparoscopic System for In Vivo Observation of the Bonghan Structure	J Acupuncture and Meridian Studies	2(3)	248	252	2009	Instrument, OS-PVS, rat	
28	Lee BC, Jhang SU, Choi JH, Lee SY, Ryu PD, Soh KS	Dil Staining of Fine Branches of Bonghan Ducts on Surface of Rat Abdominal Organs	J Acupuncture and Meridian Studies	2(4)	301	305	2009	Anatomy, OS-PVS, Rat	
29	Baik KY, Ogay V, Soh KS, Lee Y, Lee JK	Confocal and Electron Microscope Study of the Take-Up Process of Intraperitoneally-Administered Nanoparticles	J Korean Physical Society	54(2)	780	785	2009		
30	Park SH, Lee BC, Choi CJ, Soh KS, Choi JH, Lee SY, Ryu PD	Bioelectrical Study of Bonghan Corpuscles on Organ Surfaces in Rats	J Korean Physical Society	55(2)	688	693	2009	Physiology, Electric, OS-PVS, Rat	O
31	Ogay V, Bae KH, Kim KW, Soh KS	Comparison of the Characteristic Features of Bonghan Ducts, Blood and Lymphatic Capillaries	J Acupuncture and Meridian Studies	2(2)	107	117	2009	Anatomy, OS-PVS, Rat	
32	Yoo JS, Kim HB, Ogay V, Lee BC, Ahn S, Soh KS	Bonghan Ducts as Possible Pathways for Cancer Metastasis	J Acupuncture and Meridian Studies	2(2)	118	123	2009	Anatomy, Cancer-PVS, Mouse	
33	Baik KY, Ogay V, Jeoung SC, Soh KS	Visualization of Bonghan Microcells by Electron and Atomic Force Microscopy	J Acupuncture and Meridian Studies	2(2)	124	129	2009	Anatomy, AFM/EM, Sanal, Rat	

34	Kim J, Bae KH, Hong KS, Han SC, Soh KS	Magnetic Resonance Imaging and Acupuncture: A Feasibility Study on the Migration of Tracers after Injection at Acupoints of Small Animals	J Acupuncture and Meridian Studies	2(2)	152	158	2009		
35	Lee BC, Bae KH, Jhon GJ, Soh KS	Bonghan System as Mesenchymal Stem Cell Niches and Pathways of Macrophages in Adipose Tissues	J Acupuncture and Meridian Studies	2(1)	79	82	2009	Anatomy, OS-PVS, Rat	
36	Ogay V, Min F, Kim KH, Kim JS, Bae KH, Han SC, Soh KS	Observation of Coiled Blood Plexus in Rat Skin with Diffusive Light Illumination	J Acupuncture and Meridian Studies	2(1)	56	65	2009	Anatomy, Skin-PVS, Rat	
37	Lee BC, Kim KW, Soh KS	Visualizing the Network of Bonghan Ducts in the Omentum and Peritoneum by Using Trypan Blue	J Acupuncture and Meridian Studies	2(1)	66	70	2009	Anatomy, OS-PVS, Rat	
38	Sung B, Kim MS, Lee BC, Yoo JS, Lee SH, Kim YJ, Kim KW, Soh KS	Measurement of flow speed in the channels of novel threadlike structure on the surfaces of mammalian organs	Naturwissenschaften	95	117	124	2008	Physiology, Circulation, Rabbit	
39	Lee BC, Soh KS	Contrast-enhancing optical method to observe a Bonghan duct floating inside a lymph vessel of a rabbit	Lymphology	41	178	185	2008	Anatomy, Lymph-PVS, Rabbit	
40	Kim JD, Ogay V, Lee BC, Soh KS et al	Catecholamine producing novel endocrine organ: Bonghan system	Med. Acupuncture	20	97	102	2008	Physiology, Hormone, OS-PVS, Rabbit	
41	Lee SJ, Lee BC, Nam CH, Lee WC, Jahng SU, Park HS, Soh KS	Proteomic Analysis for Tissues and Liquid from Bonghan Ducts on Rabbit intestinal Surfaces	J Acupuncture and Meridian Studies	1(2)	97	109	2008	Physiology, proteomics, OS-PVS, Rabbit	
42	Ogay V, Kim MS, Seok HJ, Choi CJ, Soh KS	Catecholamine-storing Cells at Acupuncture Points of Rabbits	J Acupuncture and Meridian Studies	1(2)	83	90	2008	Physiology, Hormone, Skin-PVS, Rabbit	

43	Lee BC, Kim S, Soh KS	Novel Anatomic Structures in the Brain and Spinal Cord of Rabbit That May Belong to the Bonghan System of potential Acupuncture Meridians	J Acupuncture and Meridian Studies	1(1)	29	35	2008	Anatomy,Brain/Nerve-PVS, Rabbit	
44	Lee BC, Ogay V, Kim, KW Lee Y, Lee JK, Soh KS	Acupuncture Muscle Channel in the Subcutaneous Layer of Rat Skin	J Acupuncture and Meridian Studies	1(1)	13	19	2008	Anatomy,Skin-PVS,Rat	
45	Sung B, Kim MS, Ogay V, Kang DI, Soh KS	Intradermal Alcian-Blue Injection Method to Trace Acupuncture Meridians	J Korean institute of Herbal Acupuncture	11(2)	5	12	2008	Anatomy,Skin-PVS,Rat	
46	Lee BC, Yoo JS, Baik KY, Sung B, Lee J, Soh KS	Development of fluorescence stereomicroscope and observation of Bong-Han corpuscles inside blood vessels	Indian J Experimental Biology	46	330	335	2008	Anatomy,IBV-PV, rat	
47	Yoo JS, Kim MS, Ogay V, Soh KS	In vivo visualization of Bonghan ducts inside blood vessels of mice by using an Alcian blue staining method	Indian J Experimental Biology	45	336	339	2008	Anatomy,IBV-PV,Mouse	
48	Kim MS, Hong JY, Hong S, Lee BC, Nam CH, Woo HJ, Kang DI, Soh KS	Bong-Han Corpuscles as Possible Stem Cell Niches on the Organ-Surfaces	J Korean institute of Herbal Acupuncture	11(1)	5	12	2008	Physiology,OS-PVS,Rat	
49	Kim M, Sung B, Ogay V, Choi CJ, Kim MS, Kang DI, Soh KS	Novel circulatory connection from the acupoint Zhong Wan (CV12) to pancreas	J Korean institute of Herbal Acupuncture	11(1)	13	19	2008	Anatomy,OS-PVS,Rat	
50	Kwon JH, Baik KY, Lee BC, Soh KS, Lee NJ, Kang CJ	Scanning Probe Microscopy Study of Microcells from the Organ Surface Bonghan Corpuscle	Appl Phys Lett	90:173903			2007	Physiology,Sanal, Rat	O
51	Lee BC, Yoo JS, Ogay V, Kim KW, Dobberstein H, Soh KS et al	Electron microscopic study of novel threadlike structures on the surface of mammalian organs	Micros Res Tech	70(1)	34	43	2007	Anatomy,OS-PVS,Rat	O

52	Hyeon-Min Johng, Jung Sun Yoo, Tae-Jong Yoon, Hak-Soo Shin, Byung-Cheon Lee, Changhoon Lee, Jin-Kyu Lee, Kyoung-Sun Choi	Use of magnetic nanoparticles to visualize threadlike structures inside lymphatic vessels of rats	<i>Evidence-based Complementary and Alternative Medicine</i>	4(1)	77	82	2007	Anatomy,Lymph-PVS,Rat	O
53	Yoo JS, Kim MS, Sung B, Lee DH, Dobberstein H, Lee BC, Soh KS	Cribriform Structure with Channels in the Acupuncture Meridian-like System on the Organ Surfaces Rabbits	Acupuncture & Electro-therapeutics Research	32	130	132	2007	Anatomy,OS-PVS,Rat	
54	Yoo JS, Johng HM, Yoon TJ, Shin HS, Lee BC, Lee C, Ahn BS, Kang DI, Lee JK, Soh KS	In vivo Fluorescence Imaging of Threadlike Tissues (Bonghan Ducts) inside Lymphatic Vessels with Nanoparticles	Current Applied Physics	7(4)	342	348	2007	Anatomy,Lymph-PVS,Rat	O
55	Hong S, Yoo JS, Hong JY, Lee BC, Soh KS, Lee SH, Kim YJ, Kang DI, Ahn BS, Woo HJ, . Acupuncture & Electro-therapeutics Research 35, 195-210, 2007	Immunohistochemical and Electron Microscopic Study of the Meridian-like System on the Surface of Internal Organs of Rats	Acupuncture & Electro-therapeutics Research	35	195	210	2007	Physiology,OS-PVS,Rat	
56	Ogay V, Kim MS, Soh KS	Immunohistochemical study on acupuncture points in rats	The FASEB Journal	21(6)	683		2007	Physiology,Skin,Rat	
57	Soh KS, Hong S, Hong JY, Lee BC, Yoo JS	Immunohistochemical characterization of intravascular Bonghan duct	Microcirculation	13	166		2006	Physiology,OS-PVS,Rat	
58	Han YH, Yang JM, Yoo JS, Ogay V, Kim JD, Kim MS, Baik KY, Park SH, Soh KS	Measurement of the optical properties of in-vitro organ-surface Bonghan corpuscles of rats	J Korean Physics Society	49(6)	2239	2246	2006	Physiology,OS-PVS,Rat	O
59	Ogay V, Baik KY, Lee BC, Soh KS	Characterization of DNA-containing granules flowing through the meridian-like system on the internal organs of rabbits	Acupuncture & Electro-therapeutics Research	31(1-2)	13	31	2006	Anatomy,Sanal,Rabbit	
60	Hong JY, Hong S, Lee BC, Yoo JS, Soh KS	Identification and isolation of the pluripotent stem cells from the Bonghan corpuscle	The FASEB Journal	20(5)	A884		2006	Physiology,OS-PVS,Rat	

61	이창훈, 이병천, 소광섭	알시안 블루 염색법을 이용한 림프관내 봉한관 관찰	한국정신과학학회지	10(1)	71	77	2006		
62	Lee C, Seol SK, Lee BC, Hong YK, Je JH, Soh KS	Alcian Blue Staining Method to Visualize Bonghan Threads Inside Large Caliber Lymphatic Vessels And X-Ray Microtomography Based Three-	Lymphatic Research and Biology	4(4)	181	190	2006	Anatomy,Lymph-PVS,Rabbit	
63	이병천, 이창훈, 소경순, 강대인, 소광섭	마우스 장기표면 봉한관 및 봉한소체의 발견 방법에 관한 연구	대한약침학회지	9(3)	5	10	2006		
64	이창훈, 유정선, 권준형, 소광섭	나노입자를 이용한 장기표면봉한관 내의 흐름 관찰	한국정신과학학회지	10(2)	49	55	2006		
65	Shin HS, Johng HM, Lee BC, Soh KS et al	Feulgen reaction study of novel threadlike structures on the surface of rabbit livers	Anatomical Record B	284	35	40	2005	Anatomy,OS-PVS,Rabbit	
66	Soh KS, Choi SM	Recent Progress in Bonghan System Research	J International Society of life information Science	23(2)	280	284	2005	Review, OS-PVS	
67	Yoo JS, Choi K, Baik KY, Chung DS, Soh KS	Liquid-Phase Microextraction Method in Capillary Electrophoresis to Detect Adrenaline in Bonghan Lipid	J International Society of life information Science	23(2)	292	295	2005	Physiology,OS-PVS,Rabbit	
68	Lee BC, Yoo JS, Baik KY, Kim KW, Soh KS	Novel threadlike structures (Bonghan ducts) inside lymphatic vessels of rabbits visualized with a Janus Green B staining method	Anatomical record Part B New anatomist	286(1)	1	7	2005	Anatomy,Lymph-PVS,Rabbit	
69	Lee BC, Baik KY, Johng HM, Sung B, Soh KS, Kang DI, Soh KS	Fluorescent Method for Observing Intravascular Bonghan Duct	J Korean Institute of Herbal Acupuncture	8(3)	5	9	2005	Anatomy,IBV-PVS,Rat	

70	Lee BC, Yoo JS, Park ES, Yoon YS, Shin HS, Soh KS	Histological features of Bonghan Corpuscles on the Surface of Rabbit Internal Organs	Journal of International Society of life information science	23(1)	95	98	2005	Anatomy,OS-PVS,Rabbit	
71	Soh KS	Review on recent Korean works on Bonghan systems	J International Society of life information science	23(1)	82	87	2005	Review	
72	Baik KY, Lee J, Lee BC, Johng HM, Nam TJ, Sung B, Cho S, Soh KS	Acupuncture meridian and Intravascular Bonghan duct	Key engineering materials	277-279	125	129	2005	Anatomy,IBV-PVS,Rat	O
73	Sung B, Ogay V, Yoo JS, Yu HS, Lee BC, Chung C, Jung G, Soh KS	UV-A-Induced Activation of Bonghan Granules in Motion	J International Society of life information science	23(2)	297	300	2005	Physiology,Sanal, Rabbit	
74	Ogay V, Baik KY, Sung B, Soh KS	Naturally Generated Microcells as One Possible Origin of Adult Stem Cells	J International Society of life information science	23(2)	286	290	2005	Physiology,Sanal, Rabbit	
75	You HR, Ogay V, Baik KY, Choi C, Yang JM, Park SH, Soh KS	Motion analysis of Bonghan granules	J International Society of life information science	23(1)	89	93	2005	Physiology,Sanal, Rabbit	
76	Soh KS	Bonghan duct and Acupuncture Meridian as Optical Channel of Biophoton	J Korean Physics Society	45(5)	1196	1198	2004	Physiology,OS-PVS,Rabbit	O
77	Lee BC, Park ES, Nam TJ, Johng HM, Baik KY, Sung B, Yoon YS, Soh KS	Bonghan Ducts on the Surface of RAT Internal Organs	J International Society of Life Information science	22(2)	455	459	2004	Anatomy,OS-PVS,Rat	
78	Baik KY, Sung B, Lee BC, Johng HM, Ogay V, Nam TJ, Shin HS, Soh KS	Bonghan Ducts and Corpuscles with DNA-contained Granules on the Internal Organ-Surfaces of Rabbits	J International Society of Life Information science	22(2)	598	601	2004	Anatomy,OS-PVS,Rabbit	
79	Baik KY, Park ES, Lee BC, Shin HS, Choi C, Yi SH, Johng HM, Nam TJ, Soh KS, Nahm YS, Yoon YS, Lee IS, Ahn SY, Soh KS	Histological aspect of threadlike structure inside blood vessel	J International Society of Life Information science	22(2)	473	476	2004	Anatomy,IBV-PVS,Rabbit	

80	Johng HM, Shin HS, Yoo JS, Lee BC, Baik KY, Kim S, Soh KS	Bonghan Ducts on the Surface of Rat Liver	J International Society of Life Information Science	22(2)	469	472	2004	Anatomy, OS-PVS, Rat	
81	Lee BC, Baik KY, Johng HM, Nam TJ, Lee J, Sung B, Choi C, Park WH, Park ES, Park DH, Yoon YS, Soh KS	Acridine orange staining method to reveal characteristic features of intravascular threadlike structure	Anatomical record Part B New anatomist	278	27	30	2004	Anatomy, IBV-PVS, Rabbit	
82	Jiang X, Lee BC, Choi C, Baik KY, Soh KS	Tubular substructure of intravascular thread-like structures from rats and rabbits	J Korean Physics Society	44	1602	1604	2004	Anatomy, IBV-PVS, Rat, Rabbit	O
83	Sung B, Lee J, Lee BC, Johng HM, Baik KY, Nam TJ, Park DH, Soh KS	In-Situ Observation of New Extra-Vascular Threadlike Structure of Mouse Using a Fluorescence Stereoscopic Microscope	J Korean Institute of Herbal Acupuncture	7	73	76	2004	Anatomy, ABV-PVS, Mouse	
84	BC Lee, KY Baik, S Cho, C Min, HM Johng, J Hahm, C Choi, SH Yi, KS Soh, DH Park, SY Ahn, BS Cheun, KS Choi	Comparison of Intravascular Bonghan Ducts from Rats and Mice	Kor. Orien. Preven. Med	7	47	53	2003	Anatomy, IBV-PVS, Rat, Mouse	
85	Shin HS, Soh KS	Electrical Method to Detect a Bong-Han Duct Inside Blood Vessels	Sae Mulli	45(6)	376	378	2002	Anatomy, IBV-PVS, Rabbit	(Korean)
86	X Jiang, HK Kim, HS Shin, BC Lee, C Choi, KS Soh, BS Cheun, KY Baik, KS Soh	Method for Observing Intravascular Bong-Han Duct	Kor. Orien. Preven. Med. Soc	6	162	166	2002	Anatomy, IBV-PVS, Rabbit	