LITERATURVERZEICHNIS

Abbas, B., Reid, O., Scothorne, R.J. (1983) Studies on haemolymph nodes: observations on the splenic nodes in Albino Swiss rats.
J Anat 137: 815.

Abu-Hiljeh, M.F., Scothorne, R.J. (1996) Studies on haemolymph nodes. IV. Comparison of the route of entry of carbon particles into parathymic nodes after intravenous and intraperitoneal injection.
J Anat 188: 565-573.

Alcolado, R., Weller, R.O., Parris, E.P., Garrod, D. (1988) The cranial arachnoid and pia mater in man: Anatomical and ultrastructural observations.
Neuropathol Appl Neurobiol 14: 1-17.

Alksne J.F., Lovings E.T. (1972) The role of the arachnoid villus in the removal of red blood cells from the subarachnoid space. An electron microscope study in the dog.
J Neurosurg 36(2): 192-200.

Alogninouwa, T., Agba, K. C., Gambo, S., Kpodekon, M. (1995) Topographie des Noeuds Lymphatiques de l'Aulacode Male (*Thryonomys Swinderianus*, Temminck 1827)
Anat. Histol. Embryol. 24, 29-37.

Anderson, A.O., Shaw, S. (1993) T cell adhesion to endothelium: the FRC conduit system and other anatomic and molecular features which facilitate the adhesion cascade in lymph node.
Semin Immunol 5(4):271-282.

Arnold, W., Nitze, H.R., Ritter, R., von Illberg, C., Ganzer, U. (1972) Qualitative Untersuchungen der Verbindungswege des Subarachnoidalraumes mit dem lymphatischen System des Kopfes und des Halses.
Acta Otolaryng (Stockh) 74: 411-424.

Belisle, C., Sainte-Marie, G. (1981) Tridimensional study of the deep cortex of the rat lymph node. II. Relation of the deep cortex units to afferent lymphatic vessels.
Anat Rec 199: 61-72.

Bradbury, M.W.B., Cserr, H.F., Westrop, R.J. (1981) Drainage of cerebral interstitial fluid into deep cervical lymph of the rabbit.
Am J Physiol 240: F329-F336.

Brent, L. (1990) Immunologically privileged sites.
In: *Pathophysiology of the Blood Brain Barrier*, Eds. B.B. Johansson, C. Owman, H. Widner. Amsterdam: Elsevier, 383-402.

Brinker, T., Lüdemann, W., Berens von Rautenfeld, D., Samii, M. (1997) Dynamic properties of lymphatic pathways for the absorption of cerebrospinal fluid.
Acta neuropathol 94: 493-498.

Boulton, M., Armstrong, D., Flessner, M., Hay, J., Szalai, J.P., Johnston, M. (1998) Raised intracranial pressure increases CSF drainage through arachnoid villi and extracranial lymphatics.
Am J Physiol 275: R889-R896.

Boulton, M., Flessner, M., Armstrong, D., Hay, J., Johnston, M. (1998) Determination of volumetric cerebrospinal fluid absorption into extracranial lymphatics in sheep.
Am J Physiol 274: R88-R96.

Boulton, M., Flessner, M., Armstrong, D., Hay, J., Johnston, M. (1997) Lymphatic drainage of the CNS: effects of lymphatic diversion/ligation on CSF protein transport to plasma.
Am J Physiol 272: R1613-R1619.

Boulton, M., Young, A., Hay, J., Armstrong, D., Flessner, M., Schwartz, M., Johnston, M. (1996) Drainage of CSF trough lymphatic pathways and arachnoid villi in sheep: measurement of ^{125}I-albumin clearence.
Neuropathol Appl Neurobiol 22: 325-333.

Brierley, J.B., Field, E.J. (1948) The connections of the spinal subarachnoid space with the lymphatic system.
J Anatomy 82: 153-166.

Cifuentes, M., Fernandez-Llebrez, P., Perez, J., Perez-Figares, J.M., Rodriguez, E.M. (1992) Distribution of intraventricularly injected horseradish peroxidase in cerebrospinal fluid compartments of the rat spinal cord.
Cell Tissue Res 270(3):485-494.

Colli, B. O., Zorzetto, N. L. (1980) Beitrag zum Studium des lymphatischen Systems des Halses bei Ratten (Rattus norvegicus).
Zbl. Vet. Med. C. Anat. Histol. Embryol. 9, 228-235.

Casley-Smith, J.R., Földi-Börcsök, E., Földi, M. (1976) The prelymphatic pathways of the brain as revealed by cervical lymphatic obstruction and the passage of particles.
Br J Exp Pathol 57: 179-188.

Castenholz, H.E., Castenholz, A.(1996) Fluorescence microscopic studies on hemal lymph nodes in rats: a new immunobiological concept.
Lymphology 29: 141-150.

Cordell, J.L., Falini, B., Erber, W.N., Ghosh, A.K., Abdulaziz, Z., McDonald, S., Pulford, K.A.F., Stein, H., Mason, D.Y. (1984) Immunoenzymatic labeling of monoclonal antibodies using immune complexes of alkaline phosphatase and monoclonal anti-alkaline phosphatase (APAAP) complexes.
J Histochem Cytochem 32: 219-229.

Cserr, H.F., Ostrach, L.H. (1974) Bulk flow of interstitial fluid after intracranial injection of blue dextran 2000.
Exp Neurol 45: 50-60.

Cserr, H.F., Knopf, P.M. (1992) Cervical lymphatics, the blood-brain barrier and the immunoreactivity of the brain: a new view.
Immunology Today Vol. 13 No. 12, 507-512.

Cserr, H.F., Harling-Berg, C.J., Knopf, P.M. (1992) Drainage of brain extracellular fluid into blood and deep cervical lymph and its immunological significance.
Brain Pathol 2: 269-276.

Damoiseaux, J.G.M.C., Döpp, E.A., Calame, W., Chao, D., MacPherson, G.G. (1994) Rat macrophage lysosomal membrane antigen recognized by monoclonal antibody ED1.
Immunology 83: 140-147.

Davson, H. (1967)
In: *Physiology of the cerebrospinal fluid.* London, J.&A.Churchill Ltd., pp.27, 158.

Davson, H., Welch, K., Segal, M.B. (1987)
In: *Physiology and pathophysiology of the cerebrospinal fluid.* Edinburgh: Churchill Livingstone.

Dixon, C.E., Lyeth, B.G., Povlishock, J.T., Findling, R.L., Hamm, R.J., Marmarou, A., Young, H.F., Hayes, R.L. (1987) A fluid percussion model of experimental brain injury in the rat.
J Neurosurg 67: 110-119.

Dixon, C.E., Cliften, G.L., Lighthall, J.W., Yaghmai, A.A., Hayes, R.L. (1991) A control cortical impact model of traumatic brain injury in the rat.
J Neurosci Methods 39: 253-262.

Dijkstra, E.A., Döpp, E.A., Joling, P., Kraal, G. (1985) The heterogenity of mononuclear phagocytes in lymphoid organs: distinct macrophage populations in the rat recognized by monoclonal antibodies ED1, ED2 and ED3.
Immunology 54: 589-599.

Djuanda, Kelsey, Weller, R.O. (1998) in preparation**.**
Zitiert nach: Weller, R.O. (1998) Pathology of cerebrospinal fluid and interstitial fluid of the CNS: significance for Alzheimer disease, prion disorders and multiple sclerosis.
J Neuropathol Exp Neurol 57: 885-894.

Drinker, C. K., Field, M. E., Ward, H.K. (1933) The filtering capacity of lymph nodes.
J Exp Med 59: 393-405.

Drummond, W.B. (1900) On the structure and functions of haemolymph glands.
J Anat Physiol 34: 198-222; zitiert nach: Abu-Hiljeh, M.F. & Scothorne, R.J. (1996).

Ellington, E., Margolis, G. (1969) Block of arachnoid villus by subarachnoid hemorrhage.
J Neurosurg 30(6):651-657.

von Eltz, S. (1999) Zelluläre Reaktionen des Hirngewebes nach experimentellem Schädel-Hirntrauma.
Inaugural-Dissertation, Freie Universität Berlin.

Erlich, S.S., McCombe, J.G., Hyman, S., Weiss, M.H. (1986) Ultrastructural morphology of the olfactory pathway for cerebrospinal fluid drainage in the rabbit.
J Neurosurg 64: 466-473.

Erencin, Z. (1948) Haemolymph nodes in small ruminants.
Am J Veterinary Res 9: 291-299; zitiert nach: Abu-Hiljeh, M.F. & Scothorne, R.J. (1996).

Földi, M., Kubik, S. (1991) Lymphatisches Gewebe – Lymphknoten – Grundlagen der Lymphzirkulation.
In: *Lehrbuch der Lymphologie*, hrsg. von M. Földi u. S. Kubik, 2., bearb. Aufl. - Stuttgart; New York: G. Fischer, 1991. S. 16-27.

Fossum, S. (1980) The architecture of rat lymph nodes: II. Lymph node compartments.
Scand J Immunol 12: 411-421.

Fossum, S., Vaaland, J.L. (1983) The architecture of rat lymph nodes: I. Combined light and electron microscopy of lymph node cell types.
Anat Embryol (Berl) 167(2):229-46.

Genarelli, T.A. (1994) Animate models of head injury.
J Neurotrauma 11: 357-368.

Gibbes, H. (1884) On some structures found in the connective tissue between the renal artery and vein in the human subject.
J Microsc Science 24: 186-189; zitiert nach: Abu-Hiljeh, M.F. & Scothorne, R.J. (1996).

Girard, J.-P., Springer, T.A. (1995) High endothelial venules (HEVs): specialized endothelium for lymphocyte migration.
Immunol Today 16: 449-457.

Gomez, D.G., Fenstermacher, J.D., Manzo, R.P., Johnson, D., Potts, D.G. (1985) Cerebrospinal fluid absorption in the rabbit: olfactory pathways.
Acta Otolaryngol (Stockholm) 100: 429-436.

Greitz, D. (1993) Cerebrospinal fluid circulation and associated intracranial dynamics. A radiologic investigation using MR imaging and radionuclide cisternography.
Acta Radiol Suppl. 386:1-23.

Gruntzig, J., Schicha ,H., Huth, F. (1979) Eye and lymph drainage.
Z Lymphol. 3(1): 35-45.

Harling-Berg, C.J., Knopf, P.M., Merriam, J., Cserr, H.F. (1989) Role of the cervical lymph nodes in the systemic humoral immune response to human serum albumin microinfused into rat cerebrospinal fluid.
J Neuroimmunol 25: 185-193.

Hebel, R., Stromberg, M.,W. (1986) Lymphatic system.
In: *Anatomy and Embryology of the Laboratory Rat*, by Hebel, R. u.Stromberg, M.W., BioMed Verlag, Birgit Hebel: Wörthsee, Germany.

Hickey, W.F., Hsu, B.L., Kimura, H. (1991) T-Lymphocyte entry into the central nervous system.
J Neurosci Res 28: 254-260.

Hogg, C.M., Reid, O., Scothorne, R.J. (1981) Studies on hemolymph nodes. III. Renal lymph as a major source of erythrocytes in the renal hemolymph node of rats.
J Anat 135(2): 291-299.

Hsu, S.M., Raine, M.S., Fanger, H. (1981) The use of antiavidin antibody and avidin-biotin-peroxidase complex in immunoperoxidase technics.
Am J Clin Pathol 75: 816-821.

Hunter, J.V., Batchelder, K.F., Lo, E.H., Wolf, G.L. (1995) Imaging techniques for in vivo quantitation of extracranial lymphatic drainage of the brain.
Neuropathol Appl Neurobiol 21: 185-188.

Hutchings, M., Weller, R.O. (1986) Anatomical relationships of the pia mater to cerebral blood vessels in man.
J Neurosurg 65: 316-325.

Jackowski, A., Crockard, A., Burnstock, R., Ross Russell, R., Kristek, F. (1990) The time course of intracranial pathophysiological changes following experimental subarachnoid haemorrhage in the rat.
J Cereb Blood Flow Metab 10(6): 835-849.

Jackson, R.T., Tigges, J., Arnold, W. (1979) Subarachnoid space of the CNS, nasal mucosa and lymphatic system.
Arch Otolaryngol 105: 180-184.

Kato,S., Miyauchi, R. (1989) Enzyme-histochemical visualization of lymphatic capillaries in the mouse tongue: light and electron microscopic study.
Okajimas Folia Anat. Jpn. , 65(6): 391-404.

Kazeem, A.A., Reid, O., Scothorne, R.J. (1982) Studies on hemolymph nodes. I. Histology of the renal hemolymph node of the rat.
J Anat 134: 677-683.

Kazeem, A.A., Reid, O., Scothorne, R.J. (1982) Studies on hemolymph nodes. II. The regional origin of the afferent lymphatics.
J Anat 135: 1-4.

Kennady, J.C. (1967) Investigations of the early fate and removal of subarachnoid blood.
Pac. Med. & Surg. 75: 163-168.

Kettler L.H. (1936) Experimentelle Untersuchung über den Verlauf der Speicherung im Lymphknoten.
Virchows Arch pathol Anat Physiol 297: 41-62.

Kida, S., Weller, R.O. (1993) Morphological basis for fluid transport in and around ependymal, arachnoidal and glial cells.
In: *Principles of Pediatric Neurosurgery: Intracranial Cyst Lesions*, Raimondi, A.J. (ed.), Springer: New York

Kida, S. , Pantazis, A., Weller, R.O. (1993) CSF drains directly from the subarachnoid space into nasal lymphatics in the rat. Anatomy, histology and immunological significance.
Neuropathol Appl Neurobiol 19: 480-488.

Kida, S., Weller, R.O., Zhang, E.-T., Phillips, M.J., Ianotti, F. (1995) Anatomical pathways for lymphatic drainage of the brain and their pathological significance.
Neuropathol Appl Neurobiol 21: 181-184.

Kido, D.K., Gomez, D.G., Pavese, A.M.Jr., Potts, D.G. (1976) Human spinal arachnoid villi and granulations.
Neuroradiology 11(5): 221-228

Knopf, P.M., Cserr, H.F., Nolan, S.C., Wu, T.Y., Harling-Berg, C.J. (1995) Physiology and immunology of lymphatic drainage of interstitial and cerebrospinal fluid from the brain.
Neuropathol Appl Neurobiol 21: 175-180.

Koornstra, P.J. , de Jong, F.I., Vlek, L.F., Marres, E.H., van Breda Vriesman, P.J. (1991) The Waldeyer ring equivalent in the rat. A model for analysis of oronasopharyngeal immune responses.
Acta Otolaryngol 111(3):591-9

Kroppenstedt, S.-N., Schneider, G.-H., Thomale, U.-W., Unterberg,A.W. (1998) Protective effects of aptiganel HCl (Cerestat®) following Controlled Cortical Impact Injury in the rat.
J Neurotrauma 15(3): 191-197.

Li J., Zhou, J., Shi, Y. (1996) Scanning electron microscopy of human cerebral meningeal stomata.

Anat Anz 178(3): 259-261.

Lighthall, J.W, (1988) Controlled cortical impact: a new experimental brain injury model.
J Neurotrauma 5: 1-15.

Love, J.A., Leslie, R.A. (1984) The effects of raised ICP on lymph flow in the cervical lymphatic trunks in cats.
J Neurosurg 60: 577-581.

Löwhagen, P., Johansson, B.B., Nordborg, C. (1994) The route of cerebrospinal fluid drainage in man. A light-microscope study.
Neuropathol Appl Neurobiol 20: 543-550.

Luk, S.C., Nopajaroonsri, C.S.C., Simon, G.T. (1973) The architecture of the normal lymph node and hemolymph node. A scanning and transmission electron microscopic study.
Lab Invest 29 (2): 258-265.

Maßhoff, W. (1944) Über den Abbau artfremden, artgleichen und körpereigenen Blutes. Ein morphologischer Beitrag zur Individualität des Blutes.
Beitr pathol Anat 109: 179-220.

Maillot, C.L. (1991) Les espaces périmédullaires. Constitution, organisation et relations avec le liquide cérébro-spinal.
J Neuroradiol 18: 18-31.

Marmarou, A., Foda, M.A., van den Brink, W., Campbell, J., Kita, H., Demetriadou, K. (1994) A new model of diffuse brain injury in rats. Part I: Pathophysiology and biomechanics.
J Neurosurg 80(2):291-300.

McCabe J.S., Low, F.N. (1968) The subarachnoid angle: an area of transition in peripheral nerve.
Anat Rec 164: 15-34.

McComb, J.G., Davson,H., Hyman, S., Weiss, M.H. (1982) Cerebrospinal fluid drainage as influenced by ventricular pressure in the rabbit.
J Neurosurg 56: 790-797.

McCombe, J.G. (1983) Recent research into the nature of cerebrospinal fluid formation and absorption.
J Neurosurg 59: 369-383.

McMillan, R.E. (1928) The so-called hemal nodes of the white rat, guinea-pig and sheep: a study of their occurence, structure and significance.
Anat Rec 39: 155-169; zitiert nach: Abu-Hiljeh, M.F. & Scothorne, R.J. (1996).

McQueen, J.D., Northrup, B.E., Leibrock, L.G. (1974) Arachnoid clearance of red blood cells.
Journal of Neurology, Neurosurgery & Psychiatry 37: 1316-1321.

Miotti, R. (1965) Die Lymphknoten und Lymphgefässe der weissen Ratte (Rattus norvegicus berkenhout, epymis norvegicus).
Acta anat 62: 489-527.

Miura, M., Kato, S., von Lüdinghausen, M. (1998) Lymphatic drainage of the cerebrospinal fluid from monkey spinal meninges with special reference to the distribution of the epidural lymphatics.
Arch Histol Cytol 61(3): 277-286.

Nopajaroonsri, C.S.C., Luk, S.C., Simon, G.T. (1974) The structure of the hemolymph node; a light, transmission and scanning electron microscopic study.
J Ultrastruct Res 48: 325-341.

Oehmichen, M., Grüninger, H., Wiethölter, H., Gencic, M.(1979)
Lymphatic efflux of intracerebrally injected cells
Acta neuropathol. (Berl.) 45, 61-65.

Oehmichen, M., Wiethölter, H., Gencic, M., Grüninger, H. (1980)
Erythrozyten-Abbau im Lymphknoten des Kaninchens - in Abhängigkeit von der Zeit.
Beitr Gerichtl Med 38: 203-212.

Oehmichen M., Wiethölter H. (1980) Phagozytoseverhalten mononukleärer Zellen im Kaninchenlymphknoten
Verh Dtsch Ges Pathol 64:409-414.

Oehmichen, M., Wiethölter H., Wolburg H. (1982) Enhanced phagocytic activity of lymph node macrophages after intranodular injection of autologous red blood cells
Z Rechtsmed 88: 285-296.

Oehmichen M., Wiethölter H., Grüninger H., Wolburg H. (1982) Time-dependency of the lymphatic efflux of intracerebrally applied corpuscular tracers.
Lymphology 15: 112-125.

Oehmichen, M., Wiethölter, H., Grüninger, H., Gencic, M. (1983) Destruction of intracerebrally applied red blood cells in cervical lymph nodes. Experimental investigations
Forensic Science International, 21: 43-57.

Oehmichen, M., Schmidt V. (1989) Erythrozyten in Halslymphknoten des Menschen als Folge einer Stauung und/oder Lymphdrainage
Z Rechtsmed 103: 33-41.

Olah, I., Törö, I. (1970) Fine structural investigation of the haemolymph gland in the rat.
Cytobiologie 2: 376-386.

Povlishock, J.T. (1997) An overview of brain injury models.
In: *Neurotrauma*, edited by Naryan, R.K., Wiburger, J.E., Povlishock, J.T., Mc Graw-Hill Company inc. 1997.

Rasmussen, A.T. (1943)
In: *Outlines of Neuroanatomy.* Ed 3. Dubuque, Iowa, William C. Brown Co., p. 5.

Raviola, E. (1993) Lymph nodes.
In: *Bloom and Fawcett, A textbook of histology*. by Fawcett, D.,W. & Raviola, E. - 12th ed. London: Chapman & Hall. pp. 447-459.

Reid, N. (1974) Ultramicrotomy. In: Practical methods in electron microscopy. Glauert, A.M. (Ed.) North Holland / American Elsevier, Amsterdam / New York Vol. 3 224-338.

Reimer, L. (1967) Elektronenmikroskopische Untersuchungs- und Präparationsmethoden. Springer-Verlag Berlin / Heidelberg 524.

Rexed, B.A., Wennström, K.G. (1959) Arachnoidal proliferation and cystic formation in the spinal nerve-roots pouches of man.
J Neurosurg 16: 73-84; zitiert nach: Maillot, C.L. (1991)**.**

Richardson, K.C., Jarett, L. und Finke, E.H. (1960) Embedding in epoxy resins for ultrathin sectioning in electronic microscopy.
Stain Technol 35: 313-317.

Robertson, W.F. (1890) The prevertebral haemolymph glands.
Lancet 2: 1152-1154; zitiert nach: Abu-Hiljeh, M.F. & Scothorne, R.J. (1996).

Romeis, (1989)
In: *Mikroskopische Technik*, 17.Aufl., ed. by Böck, P., München, Wien, Baltimore: Urban u. Schwarzenberg.

Rudert, M., Tillmann, B. (1993) Lymph and blood supply of the human intervertebral disc. Cadaver study of correlations to discitis.
Acta Orthop Scand 64(1): 37-40.

Russell, D.S., Rubinstein, L.J. (1989)
In: *Pathology of Tumours of the Nervous System,* 5th Ed. London: Edward Arnold, 1989: 369-383.

Sasaki, K., Ichikawa, M.(1993) The dynamics of intramembranous particles in the degradative pathways of the phagocytosed erythrocyte.
Tissue and cell. 25(2): 275-287.

Schmelz, M., Franke, W.W. (1993) Complexus adhaerentes, a new group of desmoplakin-containing junctions in endothelial cells: The syndesmos connecting retothelial cells of lymph nodes.
Eur J Cell Biol 42: 177-183.

Schmelz, M., Moll, R., Kuhn, C., Franke, W.W. (1994) Complexus adhaerentes, a new group of desmoplakin-containing junctions in endothelial cells: II. Different types of lymphatic vessels.
Differentiation 57: 97-117.

Schroit, A.J., Tanaka, Y., Madsen, J., Fidler, I.J. (1984) The recognition of red blood cells by macrophages: role of Phophatidylserine and possible implications of membrane phospholipid asymmetry.
Biol Cell 51: 227-238.

Schwalbe, G. (1869) Der Arachnoidalraum: ein Lymphraum und sein Zusammenhang mit dem Perichoriodalraum.
Zentralbl Med Wissenschaften 7: 465-467.

Selye, H., Schenker, V. (1939) The haemolymph nodes of the rat (iron pigment lymph nodes).
J Anat 73: 413-415; zitiert nach: Abu-Hiljeh, M.F. & Scothorne, R.J. (1996).

Sitte, H. (1955) Ein einfaches Ultramikrotom für hochauflösende elektronenmikroskopische Untersuchungen.
Mikroskopie 10: 365-369.

Skalli, O., Ropraz, P., Trzeciak, A., Benzonana, G., Gillessen, D., Gabbiani, G. (1986) A monoclonal antibody against α-smooth muscle actin: a new probe for smooth muscle differentiation.
J Cell Biol 103: 2787-2796.

Steinbok, P., Dolman, C.L., Goldie, J.H. (1985) Variation in response to CCNU of glioblastoma multiforme in brain and cervical lymph node.
J Neurosurg 62: 918-921.

Stevens, A., Lowe, J. (1997) Der Lymphknoten.
In: *Histologie des Menschen* von Stevens, A. u. Lowe, J., 2. Aufl.,London, Glasgow, Weinheim, New York, Tokyo, Melbourne, Madras: Chapman and Hall.

Sutton, J.S. (1965) Producing improved glas knifes for ultramicrotomy; a glasbreaker featuring a linear fulcrum and a device for controlling fracturing velocity.
Stain Technol 44: 287-291.

Thomale, U.-W.N. (2000) Evaluation des tierexperimentellen Modells einer traumatischen kortikalen Kontusion (Controlled Cortical Impact Injury) für Therapiestudien.
Inaugural-Dissertation, Humboldt-Universität zu Berlin.

Torvik, A., Bhatia, R., Murthy, V.S. (1978) Transitory block of the arachnoid granulations following subarachnoid haemorrhage. A postmortem study.
Acta Neurochir 41(1-3):137-46

Tripathi, B.J., Tripathi, R.C. (1974) Vacuolar transcellular channels as a drainage pathway for cerebrospinal fluid.

J Physiol (Lond) 239: 195-206.

Turner, D.R. (1969) The vascular tree of the haemal node in the rat.
J Anat 104: 481-493.

Villena, A. , Barrutia, M.G. , Razquin, B. , Perez-Gomariz, R.M., Zapata, A. (1983) Postnatal development of the non-lymphoid elements in the rat lymph node, connective reticulum cells, macrophages and postcapillary venules.
Dev- Comp-Immunol. 7(2): 347-355.

Vincent, S., Harrison, H.S. (1897) On the haemolymph glands of some vertebrates.
J Anat Physiol 31: 176-198; zitiert nach: Abu-Hiljeh, M.F. & Scothorne, R.J. (1996).

Wachstein, M., Meisel, E. (1957) Histochemistry of hepatic phophatases at a physiologic pH.
Amer J Clin Pathol 130: 153-176.

Wang, H.J., Casley-Smith, J.R. (1989) Drainage of the prelymphatics of the brain via the adventitia of the vertebral artery.
Acta Anat (Basel) 134(1):67-71.

Warthin, A.S. (1901) Normal histology of the human haemolymph glands.
Am J Anat 1: 63-80; zitiert nach: Abu-Hiljeh, M.F. & Scothorne, R.J. (1996).

Weibel, E.R. (1979) Morphometry of the human lung: the state of the art after two decades.
Bull Physiopathol Respir (Nancy) 15(5):999-1013.

Welch, K., Pollay, M. (1963) The spinal arachnoide villi of the monkeys Cercopithecus aethiops sabaeus and Macaca irus.
Anat Rec 145: 43-48**;** zitiert nach: Maillot, C.L. (1991).

Weller, R.O., Kida, S., Zhang, E.T. (1992) Pathways of of fluid drainage from the brain: morphological aspects and immunological significance in rat and man.
Brain Pathol 2: 277-284.

Weller, R.O. (1995) Fluid compartments and fluid balance in the central nervous system.
In: *Gray's Anatomy*, 38th edition. Williams, P.L.(Ed.). Edinburgh: Churchill Livingstone, pp.1202-1224.

Weller, R.O., Engelhardt, B., Phillips, M.J. (1996) Lymphocyte Targeting of the Central Nervous System: A Review of Afferent and Efferent CNS-Immune Pathways.
Brain Pathol 6: 275-288.

Weller, R.O. (1998) Pathology of cerebrospinal fluid and interstitial fluid of the CNS: significance for Alzheimer disease, prion disorders and multiple sclerosis.
J Neuropathol Exp Neurol 57: 885-894.

White, F.C. (1904) Haemolymph glands in domestic animals.
Am J Anat 3: 8-9; zitiert nach: Abu-Hiljeh, M.F. & Scothorne, R.J. (1996).

Wolf, R.F., van Landeghem, F.K.H., Kroppenstedt, S., Stoltenburg-Didinger, G. (1998) Red blood cells drain with the CSF froom the subarachnoid space into the cervical and lumbar para-aortic lymph nodes in rats.
Clinical Neuropathology, Vol. 17, 5: 285.

Yamada, S., DePasquale, M., Patlak, C.S., Cserr, H.F. (1991) Albumin outflow into deep cervical lymph from different regions of rabbit brain.
Am J Physiol 261: 1197-1204.

Yamazumi, H. (1989) Infiltration of Indian ink from subarachnoid space to nasal mucosa along olfactory nerves in rabbit.
Nippon Jibiinkoka Gahhai Kaiho 92: 608-616.

Yoffrey, J.M. (1958) Passage of fluid and other substances through the nasal mucosa.
J Laryngol Otol 72: 377-383.

Zhang, E.T., Inman, C.E.B., Weller, R.O. (1990) Interrelationships of the pia mater and the perivascular (Virchow-Robin) spaces in the human cerebrum.
J Anat 170: 111-123.

Zhang, E.T., Richards, H.K., Kida, S., Weller, R.O. (1992) Directional and compartmentalised drainage of interstitial fluid and cerebrospinal fluid from the rat brain.
Acta Neuropathol 83: 233-239.