

Membership

GST (Swiss Veterinary Society)
Swiss Society of Pathology
Swiss Society of Neuropathology
International Society of Neuropathology
European Society of Veterinary Pathology
Swiss Society of Veterinary Pathology
Society of Toxicologic Pathologists (U.S.A.)

Cooperation with scientific journals and publishers

Member of the Advisory Board of "Experimental and Toxicologic Pathology"

Member of the Editorial Board of "Toxicologic Pathology" (until 2003)

Editor of the volume "The Rat", Handbook of Laboratory Animals, Academic Press, London, 2000, 756 pp

Presentations and Special appointments

1993 - 1994 Chairman of the ECETOC Task Force "Ocular Toxicity" and delegate of CIBA, ECETOC, Brussels, Belgium

1996 - 1998 Chairman of the ECETOC Task Force "Organophosphorus Pesticides and Long-Term Health Effects" and delegate of CIBA, ECETOC, Brussels, Belgium

1998 Delegate for ECETOC in the OECD working party preparing the "Neurotoxicity Guidance Document"

1999 - 2000 Chairman of the GTP (Gesellschaft für Toxikologische Pathologie)

2000 - Swiss Federal Expert for METAS /(for the accreditation of the Institute of Veterinary Neurology, University Bern)

2003 - ad hoc Neuropathology Committee STP (Developmental Neurotox)

2004 Swiss Federal Expert for Swissmedic

2009 / 2010 Member of the Organization Committee of STP – IFSTP Symposium Neuropathology in Chicago, 2010

Invited lectures

Faculty member, ILSI Histopathology Seminar on the Endocrine System of Laboratory Animals, Hannover 1981

Lecture: General Review of Neurotoxic Compounds, Symposium "Quo Vadis", Sanofi Group, Montpellier 1983

Faculty member, ILSI Histopathology Seminar on the Endocrine System of Laboratory Animals, Nara 1983

Lecture: Natural Primary Brain Tumors in the Laboratory Rat, National Cancer Institute, Division of Cancer Etiology, Frederick MD 1984

Lecture: Experimental Streptococcus Meningitis in the Rabbit, Haar (Munic) 1985

Lecture: Characteristic Findings in the Peripheral Nerve Fibers in the Toxic Neuropathy, Institute of Pathology, University Basel, 1986

Lecture: Relevant Procedures in Toxicological Neuropathology, Department of Toxicology, BASF, Ludwigshafen 1986

Lectures: Teased Fiber Technique, Morphometry on PNS, Experimental Pyridoxine

Hypervitaminosis and Classification of Neurotoxicity According to Cellular Targets, Symposium "Neurotoxikologie" Forum Institut fuer Management GmbH, Munic, November 16. and 17. 1987

Lecture: Neuropathological Screening in Rodent and Other Species, ACT Meeting 'Screening for Neurotoxicity: Principles and Practices', Raleigh, NC, U.S.A., April 28-29, 1988.

Session E: Effects of neurotoxins on the nervous system of rats. ILSI Seminar 'The Nervous System of Laboratory Animals', Faculty member, October 30-November 1, 1988, Kansas City, Missouri, U.S.A.

Lectures: "Teased-fiber technique and estimation of nerve cellularity in peripheral toxic neuropathy" and "Neurotoxicity of Vitamin B6". Neurotoxicological symposium of BGA (Federal Health Institute FRG), Berlin West, November 30 - December 3, 1988.

Lecture: Toxicological Neuropathology, C L Davis Foundation, European Pathology Symposium, Macclesfield, U.K., September 12 to 14, 1989.

Organizer of Miniworkshop "Toxikologische Neuropathologie", Gesellschaft fuer Toxikologische Pathologie, Mainz, BRD, September 29-30, 1989.

Lecture: "Practical Benefit of Pathology Registry for the Chemical Industry", BGA Berlin, March 18, 1991

Lecture: "Classification of Rat Brain Tumors", French Society of Toxicopathologists, Toulouse, April 18 to 20, 1991

Lectures: "Spontaneous and Induced Lesions of Ocular Adnexa" and "Neoplasms of Ocular Adnexa", ILSI Histopathology Seminar, Hannover, September 4 to 6, 1991

Lecture: "Spontaneous and Induced Lesions of the PNS", Symposium "Neurological Toxicopathology", British Society of Toxicological Pathologists, London, November 8, 1991

Lecture: "Methods, Evaluation and Interpretation of Pathology in Long-Term Carcinogenicity Studies", within a cycle of lectures "Toxicology of Drugs" prepared by Prof. R. Hess, Ciba-Geigy Basel, Pharmaceuticals Division, Basel, February 11, 1992

Lecture: "Classification of Neural Tumors" at Pathology Registry Meeting, Hannover, FRG, February 24, 1992

Lectures: "Toxicologic Pathology of the Rodent Adrenal Medulla" and "Assessment of Proliferative Lesions: Classification, Historical Control Data, Interpretation and Extrapolation of Findings in Toxicologic Pathology", ILSI Histopathology Seminar, Hannover, September 1992

Lectures: "Spontaneous and Induced Lesions of Ocular Adnexa" and "Neoplasms of Ocular Adnexa", ILSI Histopathology Seminar, San Diego, November 1992

Lectures: "Spontaneous and Induced Lesions of Ocular Adnexa" and "Neoplasms of Ocular Adnexa", ILSI Histopathology Seminar, Nara, Japan, April 23-24, 1993

Lecture: "The New Ways in Toxicologic Pathology", Meeting of the International Academy of Pathology, September 14 - 15, 1995, Olomouc, Czech Republic

Lecture: "New Approaches in Experimental Toxicological Pathology: Procedures of Transfer of Recent Scientific Progress into Toxicological Practice", Research and Development Conference Ciba, March 4, 1996, Basel, Switzerland

Lecture: "International WHO Classification of Rodent CNS Tumors According to their Phenotypic Features", Minisymposium CNS Recent Research of Normal and Neoplastic Cells, 42nd International Congress of the European Tissue Culture Society, Brno, Czech Republik, April 25, 1996

Lecture: "Toxicologic Pathology" at the Swiss Federal Institute of Toxicology, Schwerzenbach, Switzerland, March 3, 1997

Introductory lecture to the seminar Nervous System of the Swiss Association for veterinary Pathology, Zuerich, June 27, 1997

Moderation of the Evening Discussion Group "The organophosphorus issue: complaints and potential mechanisms", at the INA-6 Meeting, Szeged, June 29-July 4, 1997

Lectures "Tumors of the nervous System" and "Demyelination" during ILSI Seminar, Hannover. September 3-5, 1997

Acting as a Course Master during the intensive veterinary neuropathology course of the European School for Advanced Veterinary Studies, at the University Bern, September 8-12, 1997

Lecture: "Neurotoxicity of Xenobiotics" at the Swiss Federal Institute of Toxicology, Schwerzenbach, Switzerland, February 25, 1998

Lectures: Peripheral neuropathy, with emphasis on neurotoxicity, and: Histologic classification of tumors of the rodent nervous system, ILSI Seminar, Nara, Japan, May 19-21, 1999

Lectures: Morphologic classification of rodent nervous system tumors, and : Teased finer technique for peripheral myelinated nerves: methodology and interpretation, 18th Annual STP Symposium, Washington D.C., U.S.A., June 13 to 17, 1999

Lecture: Environmental pathology of the nervous system, 17th European Congress of Pathology, Barcelona, Spain, September 18-23, 1999

Lecture: 3-Acetylpyridine, Klassische Beispiele aus der toxikologischen Pathologie VII, Hannover, FRG, March 2-3, 2001

Lectures: Sampling of nervous system in laboratory animals / tumors of the nervous system in laboratory rodents / toxic neuropathy / spongy states in the CNS of laboratory animals, Neuropathology course, European School of Advanced Veterinary Studies, Bern, Switzerland, September 8-12, 2001

Lecture: Evaluation and interpretation of pathology, Toxicologic Pathology Training Course, Hannover, FRG, November 15-17, 2001

Lecture: Contribution of fluorescence microscopy to safety assessment of agricultural chemicals, Morphological Days, Budweis, Czech Republic, Jan. 31 – Feb. 1, 2002

Lecture: The peripheral neuropathy, TPTC II, Hannover, FRG, November 22, 2002

Lectures: Sampling of nervous system in laboratory animals / tumors of the nervous system in laboratory rodents / toxic neuropathy / spongy states in the CNS of laboratory animals, Neuropathology course, European School of Advanced Veterinary Studies, Bern, Switzerland, September 20-24, 2003

Lecture: Lessons learned from chemical / pharmaceutical catastrophies – The SMON case; Institute of Pathology, Basel, September 6, 2005

Lectures: Sampling of nervous system in laboratory animals / tumors of the nervous system in laboratory rodents / toxic neuropathy / spongy states in the CNS of laboratory animals, Neuropathology course, European School of Advanced Veterinary Studies, Bern, Switzerland, October 18-23, 2005

Lectures: Pathology of the PNS, Patterns of Neurotoxic Lesions, Practical, at BSTP Module 11: Nervous System and Eye, Cambridge, U.K., March 31 – April 4, 2008

Lecture: Pathology of the Peripheral nervous system. Symposium XV of the ACT Meeting in Tucson, AZ, November 12, 2008

Neuropathology: 3 hours lecture at C.L. Davis Foundation Meeting in Belgrade, Serbia, September 6 to 8, 2010

Toxicological Neuropathology, Pathology of Special Sense Organs, lectures at IAVP/ICVP Workshop on Toxicologic Pathology-2011, Madras Veterinary College, Chennai, India, October 4-9, 2011

Published abstracts, Letters to the Editor

KRINKE, G., Histochemical and Karyometrical Studies of the Nucleus Circularis in the Rat, Proc. of the IIIrd European Anatomical Congress, Manchester, 121 - 122 (1973)

De Gasparo, M., G. **KRINKE, G.** Hostetter, K. Schnider, Insulin Release by the Fetal Rat Pancreas Grown in Vitro: Possible Role of Innervation, Diabetologia 13, 389 (1977)

Laszlo, J., W. Stingelin, **G. KRINKE**, R. Hess, Histochemische Untersuchung der monoaminergen Bahnen der Taube, Acta Anatomica 99, 288 - 289 (1977)

KRINKE, G., L. Krueger, J. Heid, H. Bittiger, R. Hess, Das neurohistologische Laesionsmuster der Pyridoxolneuropathy der weissen Ratte, Schweiz. med. Wschr. 108, 466 (1978)

KRINKE, G., J. Heid, H. Bittiger, R. Hess, Damage of Annulo - Spiral Endings in Pyridoxol Neuropathy, J. Neuropath. Exp. Neurol. 37, 645 (1978)

Schaumburg, H.H., P.S. Spencer, **G. KRINKE**, R. Hess, The CNS Distal Axonopathy in Dogs Intoxicated with Clioquinol, J. Neuropath. Exp. Neurol. 37, 686 (1978)

KRINKE, G., L. Ullmann, K. Sachsse, R. Hess, Susceptibility of Particular Sciatic Nerve Branches to TOCP Intoxication in the Hen, Proc. of the IVth Internat. Congress on Neuromuscular Diseases, Montreal, 508 (1978)

- KRINKE, G.**, L. Ullmann, K. Sachsse, R. Hess, Unterschiedliche Vulnerabilitaet der peripheren Nerven des Huhns am Beispiel der toxischen Neuropathie und der Wallerschen Degeneration, Schweiz. med. Wschr. 109 411 - 412 (1979)
- KRINKE, G.**, J. Suter, R. Hess, Radicular Neuropathy in Aging Rats, Gerontology 27, 100 - 119 (1981)
- KRINKE, G.**, Pyridoxine Neuropathy, Mededelingen van de Faculteit Diergeneeskunde Rijksuniversiteit Gent 22, 36 (1981)
- KRINKE, A., **G. KRINKE**, Distribution of Myelinated Fibers in the Beagle Optic Fascicle, Acta Anatomica 111, 79 (1981)
- KRINKE, G.**, Time Course of the Development of Radicular Myelinopathy in Aging Rats, Arch. Suiss. Neurol. Neurochirurg. Psychiat. 131, 244 (1982)
- KRINKE, G.**, R. Hess, Trimethylzinn - induzierte Laesion im Hippocampus als Beispiel fuer selektive Vulnerabilitaet, Schweiz. med. Wschr. 113, 799 (1983)
- KRINKE, G.**, J. Suter, K. Traber, F. Da Silva, Neurofilaments in Pyridoxine Megavitaminosis, Arch. Suisses Neurol. Psychiat. 138/2, 85-86 (1987)
- KRINKE, G.J.**, Cell Proliferation in Subacute and Chronic Peripheral Neurotoxicity, Arch. Suisses Neurol. Psychiat. 139/4, 78-79 (1988)
- KRINKE, G.J.**, Vacuolation of the nervous tissue, Exp. Toxic. Pathol. 47, 226 (1995)
- Kaufmann W., **KRINKE G.J.**, Nolte, T., Cerebral Meningioangiomas (A Letter to the Editor), Experimental and Toxicologic Pathology 61, 605 (2009)
- KRINKE, G.J.**, Mycoplasma Pulmonis and Lymphoma in Bioassays (A Letter to the Editor), Veterinary Pathology 47(6), 1111 (2010)
- KRINKE, G.J.** Neuronal Vacuolation (A Letter to the Editor), Toxicologic Pathology, Vol. 39, No. 7, 1140 (2011).

Publications in journals

- Schmid, K., **G. KRINKE**, F. Frueh, H. Keberle, Studies on the Distribution and Excretion of Clioquinol in the Animal, Drug Research 23, 1560 - 1566 (1973)
- Hess, R., W.P. Koella, **G. KRINKE**, H. Petermann, P. Thomann, F. Zak, Absence of Neurotoxicity Following Prolonged Administration of Iodochloro - 8 - hydroxyquinoline to Beagle Dogs, Drug Research 23, 1566 - 1571 (1973)
- Hess, R., W.P. Koella, **G. KRINKE**, C. Pericin, H. Petermann, K. Sachsse, P. Thomann, Detection and Evaluation of Neurotoxicity, Excerpta medica, Internat. Congress Ser. 311, 43 - 51 (1973)
- Thomann, P., W.P. Koella, **G. KRINKE**, H. Petermann, F. Zak, R. Hess, The Assessment of Peripheral Neurotoxicity in Dogs: Comparative Studies with Acrylamide and Clioquinol, Agents and Actions 4, 47 - 53 (1974)
- KRINKE, G.**, K. Schnider, R. Hess, Quantitation of Noradrenaline Fluorescence in the Superior Cervical Ganglion of the Rat and the Effect of Postganglionic Axotomy, Experientia 30, 37 - 38 (1974)
- KRINKE, G.**, Vaskulaere Hamartie mit ependymaler Komponente im Rattenhirn, Schweizer Archiv fuer Tierheilkunde 117, 293 - 295 (1975)
- KRINKE, G.**, F. Zak, B. Lukas, W. Wiesendanger, K.H. Schmidt - Ruppin, Herpes Genitalis in Guinea - Pigs II. Morphological Studies in Female Guinea - Pigs Infected with Herpesvirus Hominis Type 2, Archives of Virology 49, 13 - 24 (1975)
- Kowa, Y., G. Hayashi, T. Danno, R. Ishida, K. Shintomi, M. Yamamura, R. Hess, **G. KRINKE**, F. Zak, Chronic Oral Toxicity of Chinoform in Monkeys, Oyo Yakuri 12, 323 - 350 (1976)
- Bittiger, H., **G. KRINKE**, L. Maitre, K. Schnider, R. Hess, A Study of Long - Term Effects of Guanethidine on Peripheral Noradrenergic Neurones of the Rat, Toxicology 8, 63 - 78 (1977)
- Thomann, P., **G. KRINKE**, R. Hess, Kliokinol (III): Toxikologiska undersoekningar av kliokinol pa foersoeksdjur, Laekartidningen 74, 3009 -3017 (1977)
- KRINKE, G.**, C. Pericin, P. Thomann, R. Hess, Toxic Encephalopathy with Hippocampal Lesions, Zbl. Vet. Med. A 25, 277 - 296 (1978)

- KRINKE, G.**, K. Schnider, R. Hess, Changes in Cellular Noradrenaline Fluorescence in the Denervated Rat Superior Cervical Ganglion, *Experientia* 34, 1077 - 1079 (1978)
- KRINKE, G.**, Heid, J., Bittiger, H., R. Hess, Sensory Denervation of the Plantar Lumbrical Muscle Spindles in Pyridoxine Neuropathy, *Acta Neuropathol. (Berlin)* 43, 213 - 216 (1978)
- De Gasparo, M., **G. KRINKE**, G.R. Milner, R.D.G. Milner, Influence of Autonomic Innervation on the Foetal Rat Pancreas in vitro, *J. Endocr.* 79, 49 - 58 (1978)
- KRINKE, A., E. Lundbeck, **G. KRINKE**, Topographische Unterschiede in der Rezeptorenzahl und Schichtdicke der Netzhaut des Beagle - Hundes, *Verh. Anat. Ges.* 73, 1009 - 1013 (1979)
- KRINKE, G.**, L. Ullmann, K. Sachsse, R. Hess, Differential Susceptibility of Peripheral Nerves of the Hen to Triorthocresyl Phosphate and to Trauma, *Agents and Actions* 9, 227 - 231 (1979)
- KRINKE, G.**, The Aberrant Supracallosal Choroid Plexus in the Brain of the Beagle Dog, *Zbl. Vet. Med. A* 26, 243 - 246 (1979)
- KRINKE, G.**, H.H. Schaumburg, P.S. Spencer, P. Thomann, R. Hess, Clioquinol and 2,5 - Hexanedione Induce Different Types of Distal Axonopathy in the Dog, *Acta Neuropathol. (Berlin)* 47, 213 - 221 (1979)
- KRINKE, A., K. Schnider, E. Lundbeck, **G. KRINKE**, Ganglionic Cell Distribution in the Central Area of the Beagle Dog Retina, *Zbl. Vet. Med. C Anat. Histol. Embryol.* 10, 26 - 35 (1981)
- KRINKE, G.**, H.H. Schaumburg, P.S. Spencer, J. Suter, P. Thomann, R. Hess, Pyridoxine Megavitaminosis Produces Degeneration of Peripheral Sensory Neurons (Sensory Neuronopathy) in the Dog, *Neurotoxicology* 2, 13 - 24 (1981)
- KRINKE, G.**, J. Suter, R. Hess, Radicular Myelinopathy in Aging Rats, *Vet. Pathol.* 18, 335 - 341 (1981)
- KRINKE, G.**, R. Hess, The Value of the Fluorescence Histochemistry of Biogenic Amines in Neurotoxicology, *Histochemical Journal* 13, 849 - 863 (1981)
- Schaeppi, U., **G. KRINKE**, Pyridoxine Neuropathy: Correlation of Functional Tests and Neuropathology in Beagle Dogs Treated with Large Doses of Vitamin B6, *Agents and Actions* 12, 575 - 582 (1982)
- KRINKE, G.**, Spinal Radiculoneuropathy in Aging Rats: Demyelination Secondary to Neuronal Dwindling ?, *Acta Neuropathol. (Berlin)* 59, 63 - 69 (1983)
- Rao, R.S., **G. KRINKE**, Changes with Age in the Number and Size of Myelinated Axons in the Rat L4 Dorsal Spinal Root, *Acta Anat.* 117, 187 - 192 (1983)
- KRINKE, G.**, P. Graepel, L. Krueger, P. Thomann, Early Effects of High - Dosed Absorbable Amoskanate on Rat Brain, *Toxicology Letters* 19, 261 - 266 (1983)
- Schaeppi, U., **G. KRINKE**, W. Kobel, Prolonged Exposure to Trimethylphosphate Induces Sensory Motor Neuropathy in the Dog, *Neurobehavioral Toxicology and Teratology* 6, 39 - 50 (1984)
- Thomas, P.K., D.J. Bradley, W.A. Bradley, P.H. Degen, **G. KRINKE**, J. Muddle, H.H. Schaumburg, P.N. Skelton - Stroud, P. Thomann, E. Tzebelikos, Correlated Nerve Conduction, Somatosensory Evoked Potential and Neuropathological Studies in Clioquinol and 2,5 - Hexanedione Neurotoxicity in the Baboon, *J. Neurol. Sci.* 64, 277 - 295 (1984)
- KRINKE, G.**, A. KRINKE, Number and Size of Myelinated Axons in the Tibial Nerve of Aging Rats, *Verh. Anat. Ges.* 78, 601 - 602 (1984)
- KRINKE, G.**, D.C. Naylor, V. Skorpil, Pyridoxine Megavitaminosis: An Analysis of the Early Changes Induced with Massive Doses of Vitamin B6 in Rat Primary Sensory Neurons, *J. Neuropath. Exp. Neurol.* 44, 117 - 129 (1985)
- KRINKE, A., E. Froehlich, **G. KRINKE**, An Analysis of the Distribution of the Myelinated Nerve Fibers in the Optic Fascicle of a Beagle Dog, *Experientia* 41, 464 - 465 (1985)
- KRINKE, G.**, D.C. Naylor, S. Schmid, E. Froehlich, K. Schnider, The Incidence of Naturally - Occurring Primary Brain Tumours in the Laboratory Rat, *J. Comp. Pathol.* 95, 175 - 192 (1985)
- Schaeppi, U., **G. KRINKE**, Differential Vulnerability of 3 Rapidly Conducting Somatosensory Pathways in the Dog with Vitamin B6 Neuropathy, *Agents and Actions* 16, 567 - 579 (1985)
- KRINKE, G.**, A.P. Grieve, K. Schnider, The Role of Schmidt - Lanterman Incisures in Wallerian Degeneration, *Acta Neuropathol. (Berlin)* 69, 168 - 170 (1986)
- Naylor, D.C., **G. KRINKE**, F. Zak, A Comparison of Endomyocardial Disease in the Rat with Endomyocardial Fibrosis in Man, *J. Comp. Pathol.* 96, 473 - 483 (1986)

- KRINKE, A.L., **G. KRINKE**, Sex-related difference in changes with age of the rat Harderian gland, *Verh. Anat. Ges.* 81, 665 - 667 (1987)
- Schaeppi, U., **G. KRINKE**, X. Fink, R. Hofer, D. Duennenberger, Electroretinography in rats, *Agents Actions* 24, 395 - 402 (1988)
- KRINKE, G.**, E. Froehlich, M. Herrmann, K. Schnider, F. Da Silva, J. Suter, K. Traber, Adjustment of the Myelin Sheath to Axonal Atrophy in the Rat Spinal Root by the Formation of Infolded Myelin Loops, *Acta anat.* 131, 182 - 187 (1988)
- KRINKE, G.J.**, R.E. FitzGerald, The pattern of pyridoxine-induced lesion: difference between the high and the low toxic level. *Toxicology* 49, 171-178 (1988)
- KRINKE, A., W. Kobel, **G. KRINKE**, Does the repeated orbital sinus puncture alter the occurrence of changes with age in the retina, the lens, or the Harderian gland of laboratory rats?, *Z. Versuchstierkd.* 31, 111-119 (1988)
- Landes, CH., H.J. Ruefenacht, D.C. Naylor, **G.J. KRINKE**, Rat endomyocardial disease: a neural origin?, *Exp. Pathol.* 34, 65-69 (1988)
- Naylor, D.C., **G.J. KRINKE**, H.J. Ruefenacht, Primary Tumours of the Thymus in the Rat, *J. Comp. Pathol.* 99, 187-203 (1988)
- KRINKE, G.J.**, Neuropathologic Screening in Rodent and Other Species, *J. Am. Coll. Toxicology* 8, 141-146 (1989)
- Mohr, U., R. Bader, H. Ernst, R. Ettlin, C. Gemhardt, J.H. Harleman, F. Hartig, W. Jahn, G. Kaliner, E. Karbe, W. Kaufmann, K. Krieg, **G. KRINKE**, K. Kuettler, C. Landes, F. Mettler, G. cv,
- Morawietz, J. Notman, H. Pueschner, S. Qureshi, G. Reznik, S. Rittinghausen, K. Tuch, H. Urwyler, G. Weisse, I. Weisse and J. Zehnder, Tumor Registry Data Base. Suggestions for a systematized nomenclature of pre-neoplastic and neoplastic lesions in rats, *Exp. Pathol.* 38, 1-18 (1990)
- KRINKE, G.J.** and F.M. Dietrich, Transneuronal Spread of Intraperitoneally Administered Herpes Simplex Virus Type 1 from the Abdomen via the Vagus Nerve to the Brains of Mice, *J. Comp. Pathol.* 103, 301-306 (1990)
- Landes, Ch., K. Heider, A.L. **KRINKE, G.J.** KRINKE, A.T. Mahrous, R. Hess, Contribution of immunohistochemistry toward the diagnosis of tumors of laboratory rats, *Exp. Pathol.* 40, 239-250 (1990)
- Schaeppi, U., **G. KRINKE**, R.E. Fitzgerald, W. Classen, Impaired tunnel-maze behavior in rats with sensory lesions: vestibular and auditory systems, *NeuroToxicology* 12, 445-454 (1991)
- Sulc, P., B. Hengstler, **G. KRINKE**, T. O'Reilly, O. Zak, Experimental rabbit model of meningitis produced by Haemophilus influenzae serotype c, *J. Med. Microbiol.* 36, 312-317 (1992)
- KRINKE, G.J.**, M. Germer, Binding of lectin Ricinus Communis Agglutinin-1 (RCA-1) to rat brain tumors. *Vet. Pathol.* 30, 300-303 (1993)
- Roth D.R., **G.J. KRINKE**, Occurrence of foam cells in the choroid plexus of rats injected intraperitoneally with methylcellulose. *Exp. Toxic. Pathol.* 45, 413-414 (1993/4)
- Classen W., D.E. Gunson, W.O. Iverson, V.M. Traina, H.M. Vonau, **G.J. KRINKE**, Functional and morphological characterization of neuropathy induced with 5-lipoxygenase inhibitor CGS 21595. *Exp. Toxic. Pathol.* 46, 119-125 (1994)
- Alessandri B., R.E. FitzGerald, U. Schaeppi, **G.J. KRINKE**, W. Classen, The use of an unbaited tunnel maze in neurotoxicology: I. Trimethyltin-induced brain lesions. *NeuroToxicology* 15, 349-358 (1994)
- KRINKE G.J.**, Landes Ch., The dorsal fascia dentata as a probe of fixation quality in the rodent brain. *Cs. Patol.* 31, 28-30 (1995)
- KRINKE G.J.**, Weber E., Diagnostic gold standard for rodent neoplasms? *Human and Experimental Toxicology* 14, 72-74 (1995)
- Deschl U., Schaetti P., **KRINKE G.**, Spontaneous metastasizing squamous cell carcinoma of the oesophagus in a Sprague Dawley rat. *Exp. Toxic. Pathol.* 49, 123-127 (1997)
- Classen W., P. Gretener, M. Rauch, E. Weber, **G.J. KRINKE**, Susceptibility of various areas of the nervous system of hens to TOCP-induced delayed neuropathy. *NeuroToxicology* 17, 597-604 (1997)
- KRINKE G.J.**, W. Classen, M. Rauch, E. Weber, Optimal conduct of the neuropathology evaluation of organophosphorus induced delayed neuropathy in hens. *Exp. Toxic. Pathol.* 49, 451-458 (1997)

KRINKE G.J., Critical remarks on the international WHO classification of rodent central nervous system (CNS) tumours. *Physiol. Res.* 46, 89-91 (1997)

Bomhard E.M., **G.J. KRINKE**, W.M. Rossberg, Th. Skripsky, Trimethylphosphate: a 30-month chronic toxicity/carcinogenicity study in Wistar rats with administration in drinking water. *Fundamental and Applied Toxicology* 40, 75.89 (1997)

KRINKE G.J., A. Zurbriggen, Spontaneous demyelinating myelopathy in aging laboratory mice. *Exp. Toxic. Pathol.* 49: 501-503 (1997)

KRINKE G.J., Classen W., Spongiform neuropathy induced in dogs by prolonged, low-level administration of 6-aminonicotinamide (6-ANA). *Exp. Tox. Pathol.* 50: 277-282 (1998)

Classen W., Altman B., Gretener P., Soupart C., Skelton-Stroud P., **KRINKE G.**, Differential effects of orally versus parenterally administered Qinghaosu derivative artemether in dogs. *Exp. Tox. Pathol.* 51: 507-516 (1999)

KRINKE G.J., Vidotto N., Weber E., Teased-fiber technique for peripheral myelinated nerves: methodology and interpretation. *Toxicologic Pathology* 28: 113-121 (2000)

KRINKE G.J., Kaufmann W., Mahrous A.T., Schaetti Ph., Morphologic characterization of spontaneous nervous system tumors in mice and rats. *Toxicologic Pathology* 28: 178-192 (2000)

KRINKE G.J., Classen W., Vidotto N., Suter E., Würmlin Ch., Detecting necrotic neurons with fluoro-jade stain. *Exp. Tox. Pathol.* 53: 365-372 (2001)

Bolon B., Garman R., Jensen K., **KRINKE G.**, Stuart B., A „best practices“ approach to neuropathologic assessment in developmental neurotoxicity testing – for today. *Toxicologic Pathology* 34: 296-313 (2006)

Wells M.Y., **KRINKE G.J.**, Cerebral vacuolation induced in rats by the administration of LUP-3FDC, an anti-tuberculosis cocktail. *Experimental and Toxicologic Pathology* 59: 365-372 (2008)

Hale S.L., Andrews-Jones L., Jordan W.H., Jortner B.S., Boyce R.W., Boyce J.T., Switzer R.C. III, Butt M.T., Garman R.H., Jensen K., **KRINKE G.J.**, Little P.B., Modern pathology methods for neural investigations. *Toxicologic Pathology* 39: 52-57 (2011)

Bolon B., Bradley A., Butt M., Jensen K., **KRINKE G.**, Mellon, D., Compilation of international regulatory guidance documents for neuropathology assessment during nonclinical general toxicity and specialized neurotoxicity studies. *Toxicologic Pathology* 39: 92-96 (2011)

Weber K., Garman R.H., Germann P.G., Hardisty J.F., **KRINKE G.**, Millar P. Pardo I., Classification of neural tumors in laboratory rodents, emphasizing the rat. *Toxicologic Pathology* 39: 129-151 (2011)

Johanson C., Stopa E., McMillan P., Roth D., Funk J., **KRINKE G.**, The distributional nexus of choroid plexus to cerebrospinal fluid, ependyma and brain: toxicologic/pathologic phenomena, periventricular destabilization, and lesion spread. *Toxicologic Pathology* 39: 186-212 (2011)

Bolon B., Bradley A., Garman R.H., **KRINKE G.J.**, Useful toxicologic neuropathology references for pathologists and toxicologists. *Toxicologic Pathology* 39: 234-239 (2011)

Bolon B., Garman R.H., Gundersen H.J.G., Johnson G.A., Kaufmann W., **KRINKE G.**, Little P.B., Makris S., Mellon R.D., Sulik K.K., Jemsem K., Continuing education course #3: current practices and future trends in neuropathology assessment for developmental neurotoxicity testing. *Toxicologic Pathology* 39: 289-293 (2011)

Publications in books

Hess, R., P. Thomann, **G. KRINKE**, The Assessment of Neurotoxicity in Laboratory Animals, In = *Toxicology as a Predictive Science* (eds. G.L. Plaa and W.A.M. Duncan, Academic Press, New York, San Francisco, London, 245 - 268 (1978)

KRINKE, A., **G. KRINKE**, Differential Interference Microscopy of Whole Mount Preparations as an Indicator of Toxic Retinopathy, In = *Pharmac. Ther.*, Vol. 5, Pergamon Press, Oxford, 603 - 605 (1979)

KRINKE, G., R. Hess, Histopathology of Experimental Toxic Neuropathies, In = *Lectures in Toxicology* (Ed. G. Zbinden), No. 1, Pergamon Press, Oxford, New York, Paris, Frankfurt, Toronto, Sydney, 8pp and 24 slides (1980)

KRINKE, G., P. Thomann, R. Hess, Experimental Toxic Models of Neurological Disease, In = *Animals Models of Neurological Disease* (eds. F. Clifford Rose and P.O. Behan), Pitman Medical, Tunbridge, 110 - 122 (1980)

- Hess, R., **G. KRINKE**, P. Thomann, Opticusatrophie, In = AMI - Berichte No. 2, 97 - 102 (1980)
- Hess, R., **G. KRINKE**, U. Schaeppi, The Integrative Approach, In = Animals and Alternatives in Toxicity Testing (eds. M. Balls, R.J. Riddell, A.N. Worden), Academic Press, London, New York, 288 - 294 (1983)
- KRINKE, G.**, R. Hess, General Review of Neurotoxic Compounds, In = Pharmacodependence and Neurobehavioral Toxicology. Quo Vadis ? Sanofi, Montpellier, 131 - 153 (1985)
- KRINKE, G.**, E. Tuomanen, B. Hengstler, M.A. Sande, A. Tomasz, O. Zak, F. Zak, Experimentelle Pneumococcus-Meningitis am Kaninchen, In = Drittes Neuropathologisches Symposium im Bezirkskrankenhaus Haar b. Muenchen, 241 - 254 (1985)
- Schaeppi, U., **G. KRINKE**, R.E. FitzGerald, R. Ziel, Retinotoxicity of Amoscanate in the Albino Rat, In= Drug-Induced Ocular Side Effects and Ocular Toxicology (ed. O. Hockwin), Concepts Toxicol. vol. 4, Karger, Basel, 179-182 (1987)
- KRINKE, G.J.**, Neurotoxic Effects of Pyridoxine (Megavitaminosis B6), Rat, in: "ILSI Monographs on the Pathology of Laboratory Animals, Volume 6 Nervous System", (T.C. Jones, U. Mohr and RD. Hunt, eds.), Springer Verlag, Berlin, Heidelberg, New York, Tokyo, 17-24 (1988)
- KRINKE, G.J.**, Effects of Trimethyltin in: "ILSI Monographs on the Pathology of Laboratory Animals, Volume 6 Nervous System", (T.C. Jones, U. Mohr and RD. Hunt, eds.), Springer Verlag, Berlin, Heidelberg, New York, Tokyo, 58-63 (1988)
- KRINKE, G.J.**, Neurotoxic Effects of Amoscanate, Rat in: "ILSI Monographs on the Pathology of Laboratory Animals, Volume 6 Nervous System", (T.C. Jones, U. Mohr and RD. Hunt, eds.), Springer Verlag, Berlin, Heidelberg, New York, Tokyo, 84-87 (1988)
- KRINKE, G.J.**, Spontaneous Radiculoneuropathy, Aged Rats, in: "ILSI Monographs on the Pathology of Laboratory Animals, Volume 6 Nervous System", (T.C. Jones, U. Mohr and RD. Hunt, eds.), Springer Verlag, Berlin, Heidelberg, New York, Tokyo, 203-208 (1988)
- Schaeppi, U., **KRINKE G.**, Die Erfassung toxischer Wirkungen am Nervensystem, in: Arzneimitteltoxikologie, (R. Hess, ed.), Thieme Verlag, Stuttgart, New York, 238-258 (1991)
- KRINKE, G.J.**, Atrophy and Sclerosis, Harderian Gland, Rat, in: "ILSI Monographs on the Pathology of Laboratory Animals, Volume: Eye and Ear", (T.C. Jones, U. Mohr and RD. Hunt, eds.), Springer Verlag, Berlin, Heidelberg, New York, Tokyo, 137-140 (1991)
- KRINKE, G.J.**, Perrin, L.P.A., Hess, R., Assessment of Toxicopathological Effects in Ageing Laboratory Rodents, in: Recent Developments in Toxicology: Trends, Methods and Problems, Arch. Toxicol., Suppl. 14, 43-49 (1991)
- Carlton, W.W., Ernst, H., Faccini J.M., Greaves, P., **KRINKE, G.J.**, Long, P.H., Maekawa, A., Newsholme, S.J., Weisse, G., 2. Soft Tissue and Musculoskeletal System. In: "International Classification of Rodent Tumours, Part I: The Rat" (U. Mohr, ed.), IARC Scientific Publications No. 122, International Agency for Research on Cancer Lyon, France, 62 pp (1992)
- Botts, S., Capen, C.C., DeLellis, R.A., Deschl, U., Hartig, F., Karbe, E., Konishi, Y., **KRINKE, G.J.**, Landes, C., Mettler F., 6. Endocrine System. In: "International Classification of Rodent Tumours, Part I: The Rat" (U. Mohr, ed.), IARC Scientific Publications No. 122, International Agency for Research on Cancer Lyon, France, 75 pp (1994)
- Cardesa, A., Carlton, W.W., Dungworth, D.L., Enomoto, M., Halm, S., Koestner A., **KRINKE, G.J.**, Render, J.A., Rittinghausen, S., Ruben, Z., Solleveld, H., 7. Central Nervous System; Heart; Eye; Mesothelium. In: "International Classification of Rodent Tumours, Part I: The Rat" (U. Mohr, ed.), IARC Scientific Publications No. 122, International Agency for Research on Cancer Lyon, France, 80 pp (1994)
- KRINKE, A.L., Schaetti, Ph., **KRINKE, G.J.**, Changes in the Major Ocular Glands. In: "Pathobiology of the Aging Rat" (U. Mohr, D.L. Dungworth, C.C. Capen, eds.), ILSI Press, Washington, D.C., 109-119 (1994)
- KRINKE G.J.**, D.L. Eisenbrandt, Nonneoplastic Changes in the Brain. In: "Pathobiology of the Aging Rat" (U. Mohr, D.L. Dungworth, C.C. Capen, eds.), ILSI Press, Washington, D.C., 3-19 (1994)
- KRINKE G.J.**, Kennedy S., Stonard M.D., Berry P., Weisse I., Stringer D.A., Evaluation of Chemicals for Oculotoxicity. ECETOC Monograph No. 22, ECETOC, Brussels, 107 pp (1994)
- Stonard M.D., Kennedy S.J., **KRINKE G.J.**, Stringer D.A., Weisse I., Critical evaluation of the evidence for an association between ocular disease and exposure to organophosphorous compounds. In: "Proceedings of the 4th Congress of the International Society of Ocular toxicology" (I. Weisse, O. Hockwin, K. Green, R.C. Tripathi, eds), Plenum Publishing Corporation, New York, 277-280 (1995)
- Kennedy S.J., Berry P.H., **KRINKE G.J.**, Stonard M.D., Stringer D.A., Weisse I., A practical testing strategy for the evaluation of the oculotoxic potential of chemicals. In: "Proceedings of the 4th Congress of the

International Society of Ocular toxicology" (I. Weisse, O. Hockwin, K. Green, R.C. Tripathi, eds), Plenum Publishing Corporation, New York, 281-285 (1995)

Landes Ch., **KRINKE G.**, Zak F., Lipid hyperplasia, adrenal cortex, rat. In: "ILSI Monographs on Pathology of Laboratory Animals, Endocrine System" (T.C. Jones, C.C. Capen, U. Mohr, eds), Springer Verlag, Berlin, Heidelberg, New York, 2nd Edition, 481-486 (1996)

KRINKE G.J., Kaufmann W, Neoplasms of the central nervous system. In: "Pathobiology of the Aging Mouse" (U. Mohr, D.L. Dungworth, C.C. Capen, W.W. Carlton, J.P. Sundberg, J.M. Ward, eds), ILSI Press, Washington D.C., 69-81 (1996)

KRINKE G.J., Nonneoplastic and neoplastic changes in the peripheral nervous system. In: "Pathobiology of the Aging Mouse" (U. Mohr, D.L. Dungworth, C.C. Capen, W.W. Carlton, J.P. Sundberg, J.M. Ward, eds), ILSI Press, Washington D.C., 83-93 (1996)

KRINKE G.J., Schaetti Ph. R., KRINKE A.L., Nonneoplastic and neoplastic changes in the Harderian and lacrimal glands. In: "Pathobiology of the Aging Mouse" (U. Mohr, D.L. Dungworth, C.C. Capen, W.W. Carlton, J.P. Sundberg, J.M. Ward, eds), ILSI Press, Washington D.C., 139-152 (1996)

KRINKE G.J. et al., chapters: Central Nervous System, Eye and Harderian Gland, Soft Tissue and Skeletal Muscle. In: "International Classification of Rodent Tumors. The Mouse" (U. Mohr ed.), Springer, Berlin, 474 pp. (2001)

KRINKE G.J., chapter: Normative Histology of Organs. In: The Laboratory Mouse (ed. Hans Hedrich), Elsevier / Academic Press, Amsterdam, pp. 133-166 (2004)

KRINKE G.J., Neuropathological Analysis of the Peripheral nervous System. Chapter 23 (pages 356 – 384) in: Brad Bolon and Mark T. Butt (eds) Fundamental Neuropathology for Pathologists and Toxicologists, John Wiley & Sons, Hoboken New Jersey, 2011

Monographs (principal author / editor)

KRINKE, G.J., Kennedy, S., Stonard M.D., Berry P., Weisse, I., Stringer D.A. 1994) Evaluation of Chemicals for Oculotoxicity, ECETOC Monograph 22, ECETOC, Brussels, Belgium, 107 pp

KRINKE, G.J., Brown, I., Classen, W., Ivens, I., Rieth, J., Skripsky, T., Butler, M. (1998) Organophosphorus Pesticides and Long-term Effects on the Nervous System. Technical Report No. 75, ECETOC, Brussels, Belgium, 110 pp

KRINKE G.J. (ed) (2000) The Laboratory Rat. Academic Press, London, 756 pp

Pedagogic publications

Halouzka R, **KRINKE J** (2000), Systemova veterinarni patologie, dil III: Mocovy, pohlavni, endokrinni a nervovy system. Veterinarni a Farmaceuticka Universita Brno, Fakulta Veterinarniho Lekarstvi (*Systemic Veterinary Pathology, Vol. 3, Urinary, Genital, Endocrine and Nervous System. Veterinary and Pharmaceutic University, Brno CZ*)