

## Memberships & Publications

### MEMBERSHIPS

1994 STP – Society of Toxicologic Pathologists, Full Membership

2008 JSTP – Japanese Society of Toxicologic Pathologists, Full Membership

2010 -ESTP

2009 ITO – Infusion Technology Organisation

**PUBLICATIONS**

**K. WEBER**; Opperskalski, J.; Ullmann, L.: Temperature measurement in the carpal joint of an ox during 5-hours cold application with „Kälte Therapie Kissen Long“. SGV-Newsletter, 10 (1994)

Knüsel, O.; **WEBER, K.**; Behre, H.J.; Wilson, J.: Vorläufige Ergebnisse der experimentellen Kältetherapie mit dem „Kälte-Therapiekissen Long“. 99. Kongress der Deutschen Gesellschaft für physikalische Medizin, Rehabilitation, Physikalische Medizin, 4, 152-153 (1994)

**K. WEBER**; Mengs, U.; Schwarz, T.; Becker, H.; Lentzen, H.: Stimulation of neutropoiesis by a special standardized mistletoe preparation after cyclophosphamide chemotherapy in mice., *Arzneim.-Forsch./Drug Res.*, 46, 1174-1178 (1996)

Hostanska, K.; Hajto, T.; **K. WEBER**; Fischer, J.; Lentzen, H.; Sütterlin, B.; Saller, R.: A natural immunity activating plant lectin, *Viscum album agglutinin I*, induces apoptosis in humane lymphocytes, monocytes, monocytic THP-1 cells and murine thymocytes., *Nat Immun*, 15: 295-311 (1996-97)

Hostanska, K.; Hajto, T.; **K. WEBER**; Fischer, J.; Lentzen, H.; Sütterlin, B.; Saller, R.: Effect of a recombinant lectin, *Viscum album agglutinin (rVAA)* on secretion of interleukin-12 in cultured human peripheral blood mononuclear cells and on NK cell-mediated cytotoxicity of rat splenocytes in vitro and in vivo., submitted to: *Nat Immun* (1998)

**K. WEBER**; Hajto, T.; Hostanska, K.; Mengs, U.; Schwarz, T.; Weyhenmeyer, R.; Lentzen, H.; Allen, Th. R.: Effects of a standardized mistletoe preparation on metastatic B16 melanoma colonization in murine lungs., *Arzneim.-Forsch./Drug Res.*, 48: 497-502 (1998)

**K. WEBER**; Mengs, U.; S.; Erny, S.; Allen, Th. R.; Schwarz, T.; Lentzen, H.: Mistletoe extract and recombinant mistletoe lectin inhibits growth and metastatic outspread of urinary bladder carcinoma MB49 in C57BL/6J-mice., in preparation, intended for submission to *Cancer Research* in October 1998.

T. Pfister, **K. WEBER**, S. Erny, Th. R. Allen: Ultrasound technology in the cardiovascular examination of minipigs., *Scand J Lab Anim Sci Suppl* 1, 25: 121-125 (1998)

D. Konrad, **K. WEBER**, S. Corney, Th.R. Allen, Ch. Terrier: Echocardiography, color-coded doppler imaging, and abdominal sonography, a non-invasive method for investigation of heart and aortic morphology and function in female Gottingen minipigs: method and reference values for M-mode, B-mode, and flow parameters in the pig. A pilot study., *Comp Med*, 50: 405-409 (2000)

**WEBER, K.**, Chevalier HJ., Konrad D.: Plättchenaggregationsfaktor (PAF) and PAF-Rezeptor-Antagonisten. *Classic Examples in Toxicologic Pathology*, 1<sup>st</sup> Edition 2001, Eds: Drommer W, Karbe E, Germann PG, Morawietz G.

D. Konrad, M. Tsunoda, **K. WEBER**, S. Corney, L. Ullmann: Effects of a topical silver sulfadiazine polyurethane dressing (Mikacure) on wound healing in experimental infected wounds in the pig. A pilot study., *J Exp Anim Sci*, 42: 31-43 (2001)

P. Czech, **K. WEBER**, D.R. Dietrich: Effects of endocrine modulating substances on reproduction in the hermaphrodite snail *Lymnaea stagnalis* L., *Aquatic Toxicology*, 53: 103-114 (2001)

**WEBER, K.**: Lipopolysaccharide (LPS)-like Compound as Immunomodulator. *Classic Examples in Toxicologic Pathology*, 2nd Edition 2005, Eds: Drommer W, Karbe E, Germann PG, Morawietz G.

**WEBER, K.**, Carthew P, Schuler D: Polymers as Inhalation Carriers. *Classic Examples in Toxicologic Pathology*, 2nd Edition 2005, Eds: Drommer W, Karbe E, Germann PG, Morawietz G.

P. Carthew, S. Fletcher, A. White, H. Harries, **K. WEBER**: Transcriptomic and Histopathology Chnages in Rat Lung after Intratracheal Instillation of Polymers. *Inhal Toxicology*, 18: 227-245 (2006)

K. Heinicke, O. Baum, O.O. Ogunshola, J. Vogel, T. Stallmach, D.P. Wolfer, S. Keller, **K. WEBER**, P.D. Wagner, M. Gassmann, V. Djonov: Excessive erythrocytosis in adult mice overexpressing erythropoietin

leads to hepatic, renal, neuronal and muscular degeneration. *Am J Physiol Regul Integr Comp Physiol*. May 11; (2006)

E, Rached, G.C. Hard, K. Blumbach K, **K. WEBER**: Ochratoxin A: 13-Week Oral Toxicity and Cell Proliferation in Male Fischer F344/N Rats. *Toxicol Sci*, 97: 288-298 (2007)

**K. WEBER**, D. Konrad: Arterial stents in sheep and rabbits. *Classic Examples in Toxicologic Pathology*, 2nd Edition 2007, Eds: Drommer W, Karbe E, Germann PG, Morawietz G.

**K. WEBER**: Mechanically induced tooth lesions. *Classic Examples in Toxicologic Pathology*, 2nd Edition 2007, Eds: Drommer W, Karbe E, Germann PG, Morawietz G

**K. WEBER**: Fluorine-induced tooth lesions. *Classic Examples in Toxicologic Pathology*, 2nd Edition 2007, Eds: Drommer W, Karbe E, Germann PG, Morawietz G

**K. WEBER**: Induced and Spontaneous Lesions in Teeth of Laboratory Animals. *J Toxicol Pathol*, 20: 203-214 (2007)

Ohno, N, Terada N, Komada M, Saitoh S, Constantini F, Pace V, Germann P-G, **WEBER K**, Yamakawa H, Ohara O, Ohno S. Dispensable role of protein 4.1B/DAL-1 in rodent adrenal medulla regarding generation of pheochromocytoma and plasmalemmal localization of TSLC1. submitted to *Biochimica et Biophysica Acta - Molecular Cell Research* January 2009

**WEBER K**, Iwata H: Inhalative Glucocorticosteroids - Lesions induced in Rats. *Classic Examples in Toxicologic Pathology*, 3rd Edition 2009, Eds: Drommer W, Karbe E, Germann PG

**WEBER K**, Thio T: Free and Liposomal Doxorubicin-induced Lesions in Rats. *Classic Examples in Toxicologic Pathology*, 3<sup>rd</sup> Edition 2009, Eds: Drommer W, Karbe E, Germann PG.

**K. WEBER**: Compounds affecting the bone marrow. *Classic Examples in Toxicologic Pathology*, 3rd Edition 2009, Eds: Drommer W, Karbe E, Germann PG

**K. WEBER**, Thio T, Iwata H: Compounds causing local intolerance: Carboxymethylcellulose. *Classic Examples in Toxicologic Pathology*, 3rd Edition 2009, Eds: Drommer W, Karbe E, Germann PG.

Bayston R, Fisher LE, **WEBER K**: An antimicrobial modified silicone peritoneal catheter with activity against both Gram positive and Gram negative bacteria - a Biomaterials-Related Infection Group, *Biomaterials*, 30: 3167-3173 (2009)

Oishi J, Katzutoshi T, Schorsch F, **K. WEBER**, Hardisty J, Kuranami J: Panel discussion: Regulatory perspective for pathology data. (transcript). In the 25th JSTP annual meeting at Hamamatsu on 28 January 2009. *J Toxicol Pathol*, 22: 209-227 (2009)

**K. WEBER**, Germann PG, Iwata H, Hardisty J, Kaufmann W, Rosenbruch M: Lesions in the Larynx of Wistar RccHan<sup>TM</sup>: WIST Rats. *J Toxicol Pathol*, 22: 228-246 (2009)

**K. WEBER**, Ernst R, Fankhauser H, Hardisty JF, Heider W, Stevens K: Thyroid Dysplasia in Wistar Hannover GALAS Rats. *J Toxicol Pathol*, 22: 247-254 (2009)

Pace V, Wiczorek G, Pace M., **WEBER K**, and Perentes P: Spontaneous Metastatic Angiosarcoma of the Tongue in a Wistar Rat: Morphological and Immunohistochemical Characterization *Toxicol Pathol*, 38: 472-475 (2010)

**WEBER, K**: Endocrine modulators in Snails. *Classic Examples in Toxicologic Pathology*, 3<sup>rd</sup> Edition 2007, Eds: Drommer W, Karbe E, Germann PG, Morawietz G.

McKay JS, Barale-Thomas E, Bolon B, George C, Hardisty J, Manabe S, Schorsch F, Teranishi M, **WEBER K**: A Commentary on the Process of Peer Review and Pathology Data Locking *Toxicol Pathol*, 38: 508-510 (2010)

Templin C, Meyer M, Müller MF, Djonov V, Hlushchuk R, Dimova I, Flueckiger S, Kronen P, Sidler M, Klein K, Nicholls F, Ghadri JM, **WEBER K**, Paunovic D, Corti R, Hoerstrup S, Lüscher TF, Landmesser U: Coronary optical frequency domain imaging (OFDI) for in vivo evaluation of stent healing: comparison with light and electron microscopy. Accepted by *Vascular Disease*, 2010

**WEBER K**, Garman RH, Germann PG, Hardisty JF, Krinke G, Millar P, Pardo ID. Classification of neural tumors in laboratory rodents, emphasizing the rat. *Toxicol Pathol*, 39:129-151 (2011)

**WEBER K**, Razinger T, Hardisty JF, Mann P, Martel KC, Frische EA, Blumbach K, Hillen S, Song S, Anzai T, Chevalier HJ. Differences in rat models used in routine toxicity studies. In *J Toxicol*, 30:162-73 (2011)

**WEBER K**, Mowat V, Hartmann E, Razinger T, Chevalier H-J, Blumbach K, Green OP, Kaiser S, Corney S, Jackson A, Casadesus A: Pathology in Continuous Infusion Studies in Rodents and Non-Rodents and ITO (Infusion Technology Organisation)-Recommended Protocol for Tissue Sampling and Terminology for Procedure-Related Lesions. *J Toxicol Pathol*, 24: 113-124 (2011)

Schuler D, Chevalier H-J, Merker M, Morgenthal K, Ravanat J-L, Sagelsdorff P, Walter M, **K. WEBER**, McGregor D: First Steps Towards an Understanding of a Mode of Carcinogenic Action for Vanadium Pentoxide. *J Toxicol Pathol*, 24:149-162 (2011)

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**K. WEBER**, Lourdes G, Xanxo S, Sander J, Maraschiello C, Djonov V, Yamate J, Marino K: Hepatotoxic compounds. *Classic Examples in Toxicologic Pathology (4th Edition)* Eds: Drommer W, Karbe E, Germann PG, 4th Edition, ISBN 978-3-9814653-0-3, 2011

**K. WEBER**, Mahnke D, Sieratowicz A, Kiporou E, Oehlmann J: Endocrine modulators in snails. *Classic Examples in Toxicologic Pathology (4th Edition)* Eds: Drommer W, Karbe E, Germann PG, 4th Edition, ISBN 978-3-9814653-0-3, 2011

Thorpe KL, Pereira ML, Schiffer H, Burkhardt-Holm P, **K. WEBER**, Wheeler JR. Mode of sexual differentiation and its influence on the relative sensitivity of the fathead minnow and zebrafish in the fish sexual development test. *Aquat Toxicol*. 2011, 105(3-4):412-420

Strupp C, Banas DA, Cohen SM, Gordon E, Jaeger M, **WEBER K**: Relationship of Metabolism and Cell Proliferation to the Mode of Action of Fluensulfone-Induced Mouse Lung Tumors: Analysis of Their Human Relevance Using the IPCS Framework. *Toxicol Sci*. 2012 Apr 5. [Epub ahead of print]

Pardo I, Hardisty J, German R, **WEBER K**: Sampling of the Cynomolgus Monkey Nervous System in Toxicity Studies. CD-Rom, EPL, 2012

Krinke G, **WEBER K**: Histology. In: Hedrich H (ed). *The Laboratory Mouse (Handbook of Experimental Animals)*. 2<sup>nd</sup> edition. Academic Press. 2012

Pardo ID, Garman RH, **WEBER K**, Bobrowski WF, Hardisty JF, Morton D: Technical guide for nervous system sampling of the cynomolgus monkey for general toxicity studies. *Toxicol Pathol*. 2012 Jun;40(4):624-36.

Benz K, Stippich C, Fischer L, Möhl K, **WEBER K**, Lang J, Steffen F, Beintner B, Gaissmaier C, Mollenhauer JA: Intervertebral disc cell- and hydrogel supported and spontaneous intervertebral disc repair in nucleotomized sheep, *Eur Spine J*. 2012 Jul 29. [Epub ahead of print]

Memmert U, Peither A, Burri R, **WEBER K**, Schmidt T, Sumpter JP, Hartmann A. Diclofenac: New data on chronic toxicity and bioconcentration in fish. *Environ Toxicol Chem*. 2013 Feb;32(2):442-52.

Cochran DL, Obrecht M, **K. WEBER**, Dard M, Bosshardt D, Higginbottom FL, Wilson Jr TG, Jones AA: Biologic Width Adjacent to Loaded Implants with Machined and Rough Collars in the Canine. Submitted to *J Dent Impl.*, November 2013

Wolf JC, Ruehl-Fehlert C, Segner HE, **Weber K**, Hardisty JF: Pathology working group review of histopathologic specimens from three laboratory studies of diclofenac in trout. *Aquat Toxicol*. 2014 Jan;146:127-36.

**K. WEBER**, Hailey JR, Mann PC, Seaton M, Funk KA. The Role of the Pathologist in GLP Studies. *Toxicol Pathol.* 2014;42(1):275.

**K. WEBER**, Waletzky A, Pappke S, Fendl D, Ordoñez P, Takawale P, Hein F, Riedel W, König A, Kunze M, Leoni A-L, Rivera J, Quirici R, Romano I, Okazaki Y: Sperm Evaluation by 3D Laser Scanning Microscopy (LEXT OLS400) in in Different Laboratory Animal Species. [Int J Toxicol.](#) 2014; 33: 353-361.

**K. WEBER**: Alterations in the cornea of young adult Wistar RccHan<sup>TM</sup>: WIST Rats. Submitted for *J Toxicol Pathol.* November 2014.

**K. WEBER**: Alterations in the lens, uvea and retina of young adult Wistar RccHan<sup>TM</sup>: WIST Rats. submitted for *J Toxicol Pathol.* November 2014.

Wolf J, Baumgartner W, Blazer V, Alvin C, Engelhardt J, Fournie J, Frasca S, Groman D, Kent M, Khoo L, McHugh L, Lombardini E, Ruehl-Fehlert C, Segner H, Smith S, Spitsbergen Jan, **K. WEBER**, Wolfe M. Non-lesions, Misdiagnoses, Missed Diagnoses, and Other Interpretive Challenges in Fish Histopathology Studies: A Guide for Investigators, Authors, Reviewers, and Readers. *Toxicol Pathol.* 2014 Aug 11. pii: 0192623314540229. [Epub ahead of print]

Trounson A, Kolaja K, Petersen T, **K. WEBER**, McVean M, Funk KA. *Stem Cell Research.* Submitted to *Int J Toxicol.* December 2014

**K. WEBER**, Weber Ka, Weber E: Heterotopic Peripheral Nerves related to Sternal Abnormalities in Two Male B6C3F1 Mice. Submitted to *J Toxicol Pathol.* January 2015

**K. WEBER**, Waletzky A, Romano I, Querici R, Bruno A, Dard M, Jürgens P, Cattin P. Comparison of Bone Surface cut by Standard Mechanical Tools and a New Laser Osteotome by Laser Scanning Microscopy (LEXT OLS4000). Submitted to *Bone.* January 2015

## Presentations

**WEBER, K.:** Pituitary gland lesions of two-year-old Shoe/Wistar rats., EUROTOX'90, Leipzig, September 12-14, 1990

**WEBER, K.,** Mahl, A., Weber, K.: Acute intravenous toxicity of mitoxanthrone on the hemopoietic and cardiovascular system of the rat., EUROTOX'90, Leipzig, Sept. 12-14, 1990

**WEBER, K.,** Wilson, J.: Liver lobe torsion in Wistar rats and Beagle dogs., Seminar of SVTP and ASPA, Bern, June 17, 1993

**WEBER, K.:** Metastasizing meningiosarcoma in the pituitary gland of a Sprague Dawley rat., Seminar of GTP, Basel, August 25-26, 1994

**WEBER, K.,** Knüsel, O., Ullmann, L., Behre, H.J., Wilson, J.: Vorläufige Ergebnisse der experimentellen Kältetherapie mit dem „Kälte-Therapiekissen Long“, Gemeinsamer Kongress der Schweizerischen Gesellschaft für Rheumatologie, Schweizerische Gesellschaft für physikalische Medizin und Rehabilitation, Schweizerische Gesellschaft zum Studium des Schmerzes, Weinfelden, September 15-17, 1994

**WEBER, K.,** Arcelin, G., Pfister, Th., Ullmann, L.: 12 years experience with allergenicity tests in Guinea-Pigs - A critical review. First European Congress of Pharmacology, University of Milan, Italy, June 16-19, 1995

**WEBER, K.:** Problems in in-vivo medical device studies., Medical Plastics '95, The Hague, The Netherlands, October 3-5, 1995

**WEBER, K.,** Mengs, U., Schwarz, T., Hostanska, K., Hajto, T.: Effects of a standardized mistletoe preparation on pulmonary metastases of B16 Melanoma cells in mice., 2nd International Congress on Phytomedicine, Munich, September 11-14, 1996, Phytomedicine 3, Suppl. I, 20 (1997)

**WEBER, K.,** Pfister, Th, Erny S.: Ultrasound technology in toxicological studies. Physiological data compiled from minipigs. EUROTOX '97

**WEBER, K.,** Chevalier, H.J., Konrad, D., Allen, Th. R.: Significado de lesiones patológicas espontáneas en animales del laboratorio, Formación Continuada, Barcelona, May 12-12, 1998

Mengs U., Schwarz T., Burger A., Fiebig H.H, **WEBER, K.:** Antitumoral effects of a standardized mistletoe preparation in different animal models. Phytopharma-Forschung 2000, Bonn, November 27-28, 1998

**K. WEBER:** Induced karyomegaly in renal cells of the rat. GTP Schnittseminar, Switzerland, Zürich, October, 1998

**K. WEBER:** Doxorubicine-induced findings in organs of the rat. GTP Schnittseminar, Switzerland, Zürich, October, 1998

**K. WEBER:** Induced karyomegaly in long bones of the rat. GTP Schnittseminar, Switzerland, Zürich, October, 1998

Burger AM., Mengs U., Gerstmayer B., **WEBER, K.,** Fiebig H.H: Recombinant mistletoe lectin (rML, rViscum): a potent anticancer agent in vivo. AACR-NCI-EORTC Conference, USA, Washington, November 16-19, 1999

Mengs U., **WEBER, K.,** Hamann HJ., Corney S.: The toxicology of recombinant mistletoe lectin ( rML, rViscum) a novel anticancer agent. AACR-NCI-EORTC Conference, USA, Washington, November 16-19, 1999

Mengs U., Elsässer-Beile U., Freudenberg N., **WEBER, K.,** Lentzen H.: Locally applied recombinant mistletoe lectin (rML, rViscum) inhibits urinary bladder carcinogenesis in vivo. AACR-NCI-EORTC Conference, USA, Washington, November 16-19, 1999

**WEBER, K.**, Chevalier HJ., Konrad D.: Plättchenaggregationsfaktor (PAF) and PAF-Rezeptor-Antagonisten. Klassische Beispiele aus der toxikologischen Pathologie VII, GTP-Seminar, Germany, Hannover, February 18-19, 2000

**WEBER, K.**: Bedeutung hämatologischer und klinisch-biochemischer Parameter für die pathologische Bewertung von toxikologischen Studien. Toxikologie Seminar, Austria, Vienna, July 12-13, 2001

**WEBER, K.**: Neurotoxikologie. Toxikologie Seminar, Austria, Vienna, July 12-13, 2001

**WEBER, K.**: Ausgewählte Beispiele zur Toxizität von antitumoralen Verbindungen. Toxikologie Seminar, Austria, Vienna, July 12-13, 2001

**WEBER, K.**: 4-Week Oral Toxicity Study in Cynomolgous monkeys with JEC 24-03-03. WHO, Expert Committee for Toxic Oil Syndrome, Kopenhagen, November 22, 2003

**WEBER, K.**: 4-Week Oral Toxicity Study in cats with JEC 24-03-03. WHO, Expert Committee for Toxic Oil Syndrome, Kopenhagen, November 22, 2003

**WEBER, K.**: Induced and spontaneous lesions in WistarHan: Brl Rats. 1-Day Seminar, Japan, Tokyo, June 22, 2004

**WEBER, K.**: Induced and spontaneous lesions in WistarHan: Brl Rats. 1-Day Seminar, Japan, Osaka, June 24, 2004

**WEBER, K.**: Induced Renal Lesions in Rats from Subacute Studies. ESTP meeting, Germany Lindau, September, 2004

**WEBER, K.**: Oxoplatin-Induced Nephropathy in Wistar Rats. ESTP meeting, Germany Lindau, September, 2004

**WEBER, K.**: Triaminopyrimidine-Induced Tubulopathy in Wistar Rats. ESTP meeting, Germany Lindau, September, 2004

**WEBER, K.**: Thyroid Gland Dysplasia in WistarHan Rats. JSOT meeting, Japan, Osaka, July 8, 2004

**WEBER, K.**: Induced and spontaneous lesions in WistarHan: Brl Rats. 1-Day Seminar, India, Mumbai, December 3, 2004

**WEBER, K.**: Pathologie des Respiratorischen Systems. Toxikologie Seminar, Austria, Vienna, January 21, 2005

**WEBER, K.**: Bedeutung von klinischen biochemischen und hämatologischen Parametern bei der Bewertung von Endotoxin-induzierten histopathologischen Befunden. Toxikologie Seminar, Austria, Vienna, January 21, 2005

**WEBER, K.**: Lipopolysaccharide (LPS)-like Compound as Immunomodulator., Seminar of the ESTP and the Ph.D. Programme at the School of Veterinary Medicine in Hannover, February 25 and 26, 2005

**WEBER, K.**: Endotoxin-induced Lesions in Rats, Korean Society of Toxicologic Pathology, September 5 and 6, 2005

**WEBER, K.**: Induced and spontaneous lesions in WistarHan: Brl Rats. 2-Day Seminar, India, Chandigar, March 18-19, 2005

**WEBER, K.**: Ecological Tests in Fish. Strategy and Results. JSOT meeting, Japan, Tokyo, July 11, 200

**WEBER, K.**: Peer Review in Pathology, Korean Society of Toxicologic Pathology, September 5 and 6, 2005

**WEBER, K.**: Compounds inducing Tooth Lesions., Seminar of the ESTP and the Ph.D. Programme at the School of Veterinary Medicine in Hannover, February 24 and 25, 2006

**WEBER, K** , Carthew P, Schuler D: Polymers as Inhalation Carriers. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February 24-25, 2006

**WEBER, K**: Inhalation Pathology. JSOT meeting, Japan, Nagoya, July 4, 2006

**WEBER, K**: Techniques in Inhalation Pathology. STPI meeting, India, Banagalore, August 25, 2006

**WEBER, K**: Compounds inducing Tooth Lesions, Seminar of the ESTP and the h.D. programme at the School of Veterinary Medicine in Hannover. February 24-25, 2006

**WEBER, K**: Inhalation Pathology. JSOT, Japan, Nagoya, July 4, 2006

**WEBER, K**: Techniques in Inhalation Pathology. STPI, India, Bangalore, August 25, 2006

**WEBER, K**: Differences in rat Strains. ACT, USA, Indian Wells, Nov. 2007

**WEBER, K**: Experiences with ICH-strategies. A pathologists view. RCC Symposium, Switzerland, Basel, November, 2007

**WEBER, K**: Induced and Spontaneous Tooth Lesions in Laboratory Animals. JSTP, Japan, Tokyo, January, 2007

Shingatgeri V, **WEBER, K**: Piperaquine-induced lesions. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover. February 23-24, 2007

**WEBER, K**: Arterial Stents in Sheep and Rabbits. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover. February 23-24, 2007

Romeo LL, **WEBER, K**: Significado de Parámetros Hematológicos, Bioquímicos y Síntomas Clínicos para la Evaluación de Estudios de Toxicología. Derivado de Lipopolisacáridos (LPS) como Inmunomodulador – Un Ejemplo. STP Puerto Rico, USA, June, 2007

**WEBER, K**: Neoplasms of the Central Nervous System in Wistar rats. JSOT, Japan, Tokyo, June 2007

**WEBER, K**: Models for Toxic Oil Syndrome: Cynomolgus, WHO, Expert Committee for Toxic Oil Syndrome, Copenhagen, September, 2007

**WEBER, K**: Neural Crest Tumor in the Pinna of Wistar Han: RCC rats, ESTP, Basel, Switzerland, 17.-19.09.07

**WEBER, K**: Differences in Rat Strains, LASA, Brighton UK, November 21-23, 2007

**WEBER, K**: Pathology of the Larynx in Laboratory Animals. BSTP, Cambridge, UK, December, 2007

**WEBER, K**, Thio T: Doxorubicine-induced lesions. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February, 2008

**WEBER, K**, Iwata H: Corticosteroid-induced lesions. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover. February, 2008

**WEBER, K**: Implementacion de reglas y directives. El papel de la patologia toxicologica. Barcelona, Spain, November 8, 2007, 1-Day Seminar

**WEBER, K**: Implementation of Guidelines and Directives. Impact on Toxicologic Pathology. Toxicology Course, Module 5, Toxicologic Pathology, Wien, A-Universität Wien, Institut für Tumorforschung, May 15, 2008

**WEBER, K**: Differences in Rat Strains. Impact on Toxicologic Pathology. Toxicology Course, Module 5, Toxicologic Pathology, Wien, A-Universität Wien, Institut für Tumorforschung, May 15, 2008



**WEBER, K:** Dilemmas in Toxicologic Pathology Toxicology Course, Module 5, Toxicologic Pathology, Wien, A-Universität Wien, Institut für Tumorforschung, May 15, 2008

**WEBER, K:** Access to Excellence. Scientific Seminars, Boston/Cambridge May 12, 2008, San Diego, May 14, 2008, San Francisco November 2008, organized by Harlan/RCC

- Implementation of Guidelines and Directives: Impact on Toxicologic Pathology.
- Choosing the Right Rat Model: A Histopathology View of the Most Common Stains
- Dilemmas in Toxicologic Pathology and Peer Review
- The Role of Bone Marrow Differentiation in Immunotoxicity
- Inhalation Pathology
- Custom Designed vs Standardized Outlines for Pre-Clinical Testing of Medical Devices

**WEBER, K:** The RccHan<sup>TM</sup>: WIST Hannover Wistar Rat, MPI Research, Seminar, Kalamazoo, MI, USA, October 2008

**WEBER, K:** Bone Marrow Differentiation in Toxicity Studies – Sense and Non-sense, STPI, Bangalore, India, October, 2008

**WEBER, K:** Collection techniques, evaluation and interpretation of bone marrow smears. ACT, Tuscon, AZ, USA, November 2008

**WEBER, K:** Relationship of hematology parameters and bone marrow, Sense and Non-sense. ACT, Tuscon, AZ, USA, November 2008

**WEBER, K:** Proliferative lesions of the nervous system in laboratory animals. ACT, Tuscon, AZ, USA, November 2008

**WEBER, K:** Review of Histopathological Tools: Testes – Mammalian Model Species, Life-Stages, Typical Alterations, Natural Variability, Expert Workshop on Fish Gonad Histopathology, Ermatingen, Switzerland, December 1-3, 2009

**WEBER, K:** The RccHan<sup>TM</sup>: WIST Hannover Wistar Rat, JSTP, Hammamatsu, Japan, January 2009

**WEBER, K:** Pathology in Syrian hamsters, Luncheon Seminar, JSTP, Hammamatsu, Japan, January 2009

**WEBER, K:** Pathology in Continuous Infusion Studies. Post-Surgical and Catheter-Induced Trauma vs Induced Lesions.

Harlan Infusion Seminars. Frankfurt, February 26, 2009

Harlan Infusion Seminars. Copenhagen, March 6, 2009

Harlan Infusion Seminars. Midlands Venue, UK, October 10, 2009

**WEBER, K:** Reducing variables affecting the study outcome.

Harlan Seminar: Madrid/Barcelona, November 2009

Harlan Seminar: Stockholm/Copenhagen, March 15-21, 2010

**K. WEBER,** Thio T, Iwata H: Compounds causing local intolerance: Carboxymethylcellulose. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February, 2009

**WEBER, K:** Cell differentiation in bone marrow smears. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February, 2009

**WEBER, K:** Compounds affecting Bone Marrow. Sections vs Bone Marrow Differentiation. Cell differentiation in bone marrow smears. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February, 2009

**WEBER, K:** Scientific Round Table: The Wistar Hannover RccHan<sup>TM</sup>: WIST Rat. SOT Baltimore, March, 2009

**WEBER, K:** The Freshwater Snail *Lymnaea stagnalis* as a Specific Model in Environmental Toxicity Studies.

Is this a working model? SETAC, Göteborg, Sweden, May 31-June 2, 2009

- WEBER, K:** Bone Marrow Differentiation in Toxicity Studies, JSOT, Tokyo, June 25-27, 2009
- WEBER, K:** The Wistar Hannover RccHan<sup>TM</sup>: WIST Rat. KALAS, Seoul, August 24, 2009
- WEBER, K:** Use of Placebo, Vehicle, Negative and Positive Controls and Recovery Groups. Aid in Study Interpretation. Continuous Education, ACT, Palm Springs, November 1-4, 2009
- WEBER, K:** Scientific Round Table: Overcoming Challenges When Changing Animal Models – a CRO Perspective, ACT, Palm Springs, November 1-4, 2009
- WEBER, K:** Harlan Scientific Seminar: Variables Affecting the Study Outcome. Madrid, Spain, November 25, 2009  
Barcelona, Spain, November 27, 2009
- WEBER, K:** Use of Placebo, Vehicle, Negative and Positive Controls and Recovery Groups. JSTP, Kanazawa, Japan, February 2-4, 2010
- WEBER, K:** Pathology in continuous infusion studies. Toxicology Colloquium, Basel, February 9, 2010-05-
- WEBER, K:** Endocrine modulators in Snails. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February 26-27, 2010
- WEBER, K:** Scientific Round Table: Overcoming Challenges When Changing Animal Models – a CRO Perspective, SOT, Salt Lake City, March 7-11, 2010
- WEBER, K:** Pathology in Endocrine Disruptor Testing, JSOT, Okinawa, Japan, June, 2010
- WEBER, K:** Classification of Neural Tumors, STP, Chicago, USA, June, 2010
- WEBER, K:** Lesiones inducidas en el sistema nervioso central y periferico de animales de laboratorio y posibles metodos de evaluación, STP, Chicago, USA, June, 2010
- WEBER, K:** Lesiones inducidas en el sistema nervioso central y periferico de animales de laboratorio y posibles metodos de evaluación, STP, Chicago, USA, June, 2010 (fixed)
- WEBER, K:** Overcoming Pathology Challenges When Changing Models
- WEBER, K:** Reducing Variables Affecting the Interpretation of Toxicology Studies, Toxicology Colloquium of the Swiss Society of Toxicology, 24 August 2010, Basel
- WEBER, K:** Reducing Variables Affecting the Interpretation of Toxicology Studies, KSTP, 2010, Seoul
- WEBER, K:** Dilemmas in Toxicologic Pathology, KSTP, 2010, Seoul
- WEBER, K:** Pathology in Continuous Infusion Studies in Dogs, ITO, Manchester, UK, 21 to 23.09.2010
- WEBER, K:** Test article induced alterations of the reproductive cycle in rodents, STPI, Bangalore, 2010
- WEBER, K:** Test article induced alterations of the reproductive cycle in monkeys, STPI, Bangalore 2010
- WEBER, K:** Neoplastic lesions in the female reproductive organs in rodents, STPI, Bangalore 2010
- WEBER, K:** Slow Progress on Snail Sex. Continuous Education: Environmental Toxicity: Frogs, Snails and Minnow Tales, ACT, November, 2010
- WEBER, K:** Mollenhauer J: Autologous chondrocyte grafts in intervertebral disks. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February 26-27, 2011
- WEBER, K:** Spontaneous and induced non-neoplastic and neoplastic lesions in the female reproductive organs in rodents, KTPS, Seoul, 20.05.2011

**WEBER, K:** Spontaneous eye lesions and alterations in young adult rats of different strains. 3<sup>rd</sup> Annual Wistar Han Rats Forum, Tokyo, 24.05.2011

**WEBER, K:** 5 Präsentationen "Postgraduate Course Toxicology, Module 5, "Toxicologic Pathology", University Wien, 24-26.03.2011

**WEBER, K:** Induced lesion in the nervous system of laboratory animals and possible methods for evaluation. Tokyo, JSOT July, 2011

**WEBER, K:** Reproductive Performance and Lesions in the Reproductive System of Rodents. 4<sup>th</sup> Wistar Forum, Osaka, October, 2011

**WEBER, K:** Comparative Historical Control Data for Different Strains of Beagle Dogs. ACT, Phoenix, AZ, 12.11.2011

Germann, P.-G., **WEBER, K,** Heuser A, v.Erichsen J: The rat and their use in biomedical safety and efficacy testing: Validity and standardization versus variations and pitfalls." ACT, Phoenix, AZ, 12.11.2011

**WEBER, K:** Liver and Kidney Toxicity. Advanced Studies, Universität Basel, MAS Food Safety Management. Module 7 'Toxicology', November 22, 2011, Basel

**WEBER, K:** Carcinogenicity Case Studies: Interpretation of Results and Risk Assessment SafeSci Meeting, 4-5.12.2011, Wien

**WEBER, K,** Stenger R: Engineered heart valve grafts. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February, 2012

Sagelsdorff, P, Broich K, **Weber K,** Yang SY: Correlation of Kidney Biomarkers with Kidney Lesions in the Rat. Poster, SOT, March 2012

**WEBER, K,** Krinke G: Induced lesion in the nervous system of laboratory animals and possible methods for evaluation. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February, 2012

**WEBER, K,** Marasciello C, Sagelsdorff P, Gomez F, Hypersensitivity, Shock, Anaphylaxis and Cause-of-Death Establishment, SOT, March 2012, San Francisco

**WEBER, K,** Toxicologic Pathology in Inhalation Studies, SOT, March 2012, San Francisco

**WEBER, K,** Kaiser S, Klein H: Hsd:SD-Control Data, JSOT, July 17-19, 2012, Sendai, Japan

**WEBER, K,** Evaluation of Environmental Toxins. Fish and Frog used as Model. 1st Int. Course-Seminar, of Toxicologica Pathology, August 21-25, 2012, Bogota D.C. - Colombia

**WEBER, K,** Evaluation of Environmental Toxicants using Local Sentinels. 1st Int. Course-Seminar, of Toxicologica Pathology, August 21-25, 2012, Bogota D.C. - Colombia

**WEBER, K,** Evaluation of Environmental Toxicants using Snails. 1st Int. Course-Seminar, of Toxicologica Pathology, August 21-25, 2012, Bogota D.C. - Colombia

**WEBER, K,** Induced changes in the larynx of laboratory animals. Conference of the Society of Toxicologic Pathology. November 1-3, 2012, Bangalore, India

**WEBER, K,** Role of Electron Microscopy on the Diagnosis of Respiratory Toxicants. Conference of the Society of Toxicologic Pathology. November 1-3, 2012, Bangalore, India

**WEBER, K.** Inhalation Toxicity – lower respiratory tract including pleura and mediastinum. . Conference of the Society of Toxicologic Pathology. November 1-3, 2012, Bangalore, India

**WEBER, K.** Inhalation Toxicity – lower respiratory tract including pleura and mediastinum. . Conference of the Society of Toxicologic Pathology. November 1-3, 2012, Bangalore, India

**WEBER, K.** Role of the study pathologist. Annual Meeting of the American Society of Toxicology. November 4-7, Orlando; FL, USA

**WEBER, K.** Histopathology Approaches for Medical Device Evaluation. Annual Meeting of the American Society of Toxicology. November 4-7, Orlando; FL, USA

**WEBER, K.** Regulatory requirements, advantages, disadvantages, and relevance of dogs, monkeys and small models in toxicity testing. Annual Meeting of Japanese Society of Toxicologic Pathology. January 31 - February 1, 2013, Tsukuba, Japan

**WEBER, K.** Regulatory requirements, advantages, disadvantages, and relevance of dogs, monkeys and small models in toxicity testing. Annual Meeting of Japanese Society of Toxicologic Pathology. January 31 - February 1, 2013, Tsukuba, Japan

**WEBER, K.** Strupp S: Fluensulfone. Classic Examples in Toxicologic Pathology XX. February 22-23, 2013; Hannover, Germany

**WEBER, K.** M. Siebermann, C.Simon: 8-Metoxypsoralen. Classic Examples in Toxicologic Pathology XX. February 22-23, 2013; Hannover, Germany

Sieber M, Simon C, Broich K, Maraschiello C, **WEBER, K.**: Skin and Eye Lesions in the Long Evans Rat Produced by Oral 8-Methoxypsoralen (8-MOP) Application and Subsequent UV-A Irradiation. Poster, SOT, March 2013

**WEBER, K.** Role of the study pathologist. Annual Meeting of the Society of Toxicologic Pathology. June 2013, Portland, USA

**WEBER, K.** Okazaki Y: Implementing Preclinical Research Software to Prepare for the Future Global Drug Development. JSOT, June 2013, Tokyo, Japan

**WEBER, K.** Fünér J, Gähler S, Janke O, Lehmann J, Luetkenhaus K, Riedel W: Pathology Evaluation involved in the Development of ATMPs. Eurotox, 2013, Interlaken

**WEBER, K.** Toxicologic Pathology – Immune System of Laboratory Animals. KSNC, Seoul, 12.11.2013

Strupp C, **WEBER, K.**: Human relevance of lung tumors observed in mouse oncogenicity studies. Investigations on fluensulfone as a representative mode of action activated by a number of xenobiotics. Lung Cancer Summit, Roma, 2-4.12.2013

**WEBER, K.** Reproductive Organs. Basics– Differences between Species. One-Day Seminar: AnaPath GmbH/BSL Bioservice Laboratories GmbH. ECHA: Helsinki, 10.12.2013.

**WEBER, K.** Spontaneous and Induced Lesions in the Male Reproductive System of Laboratory Animals. One-Day Seminar: AnaPath GmbH/BSL Bioservice Laboratories GmbH. ECHA: Helsinki, 10.12.2013.

**WEBER, K.** Induced in the Female Reproductive System of Rodents. One-Day Seminar: AnaPath GmbH/BSL Bioservice Laboratories GmbH. ECHA: Helsinki, 10.12.2013.

**WEBER, K.** Neoplasms of the Rodent Female Reproductive System. One-Day Seminar: AnaPath GmbH/BSL Bioservice Laboratories GmbH. ECHA: Helsinki, 10.12.2013.

**WEBER, K.** Fendl D, Hein F, König A, Kunze M, Leoni A-L, Ordoñez P, Quirici R, Riedel W, Rivero J, Romano I, Takawale P, Waletzky A: Sperm Evaluation by 3D Laser Scanning Microscopy (LEXT OLS4000). Poster HDGT, Hannover, 2014

**WEBER, K.** Krüger N, Gfeller F, Blumbach K. Silicone induced liver lesions. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February, 2014

**WEBER K**, Waletzky A, Fendl D, Ordoñez P, Riedel W, Quirici R, König A, Methyl methanesulfonate (MMS) induced sperm lesions. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February, 2014

**WEBER K**: Different and Unusual Technologies in Pathology Evaluation. Colloquia on Toxicology: February 25 2014; Basel, Switzerland

**WEBER K**, Peer Review and Related Issues. SPQWA meeting, 2014, Basel

Wolf JC, Ruehl-Fehlert C, Baumann L, Segner HE, **WEBER K**, Hardisty JF. Pathology working group review of histopathologic specimens from three laboratory studies of diclofenac in trout. Poster, SETAC Basel, 2014, ESTP Berlin, September, 2014.

Wolf J, Baumgartner W, Blazer V, Alvin C, Engelhardt J, Fournie J, Frasca S, Groman D, Kent M, Khoo L, McHugh L, Lombardini E, Ruehl-Fehlert C, Segner H, Smith S, Spitsbergen Jan, **K. WEBER**, Wolfe M. Non-lesions, Misdiagnoses, Missed Diagnoses, and Other Interpretive Challenges in Fish Histopathology Studies: A Guide for Investigators, Authors, Reviewers, and Readers. Poster ESTP Berlin, September, 2014.

**WEBER K**, Moritz W, Pöpke S, Mahnke D, Lichtenberg J, Waletzky A, Westen H, Histopathological Assessment of Induced Toxicity in 3D Liver Spheroids. Poster ESTP Berlin, September 2014

**WEBER K**, Kunze M, König A, Schnurbus R. Pathology Techniques to Aid the Development and Understanding Advanced Therapy Medicinal Products (ATMPs). ACT. Orlando, November, 2014.

**WEBER K**: Workers safety in toxicity studies with nanoparticles/nanotubes and detection technologies in tissues. JSOT, June, 2014, Tokyo

**WEBER K**, Okazaki Y. Sophisticated technologies in pathology evaluation. JSTP, January 2015, Tokyo

Okazaki Y, **WEBER K**, Waletzky A, Paepke S, Fendl D, Ordoñez P, Kunze M, König A, Presenti E, Hayashi D, Romano I. Use of Laser Scanning Microscopy as a Tool for Pathology Evaluation. JSTP, January 2015, Tokyo

**WEBER K**, Okazaki Y, Waletzky A, Leoni A-L., Kunze M, König A, Schnurbus R, Hayashi D: Use of Hyperspectral Nanoscale Analysis for Tracking of Test Items in Tissues. JSTP, January 2015, Tokyo

**WEBER K**, Moritz W, Messner S, Westen H, Waletzky A, Paepke S, Lichtenberg J. Liver Spheroids. Seminar of the ESTP and the Ph.D. programme at the School of Veterinary Medicine in Hannover, February, 2015

**LANGUAGES:**

German (native speaker)

Spanish (Autodidact: fluently speaking and writing)

English (Autodidact: Examination SKA 2B)

Russian (School/University, 8 years, examination FSA)

Portuguese (Autodidact: fluently speaking)

Italian (Autodidact: simple language)

French (Autodidact: simple language)

Japanese (Autodidact: principles in language and writing/reading)

**OTHERS:**

2001 PCT Patent: Mistellektin zur Behandlung von Harnblasenkarzinomen

2008 empowered for further education on the field of pathology by the chamber of Bavaria

2009 Co-founder of ITO Infusion Technology Organization

2010 – 2013 extraordinary member of the Humane Medicines Expert Committee (HMEC) of Swissmedic

2012, November Co-founder AnaPath Services