

PUBLICATIONS

Membrane Filtration of Blood and Plasma related Publications:

- Baeyer, H.v., F. Kochinke, G. Klopp, R. Mohnhaupt, H.W. Reinhardt, M. Kessel, R. Schnabel. 1982. "Permanent-use hemofilter based on porous glass capillaries." J. Membr. Sci. 11:275-288.
- Kochinke, F., H.v. Baeyer, S. Kiesner, R. Schnabel, M. Marx, R. Monhaupt, M. Kessel. 1982. "Formation of a 'hybrid membrane' in porous glass capillaries during hemofiltration." Trans. Am. Soc. Intern. Organs. 28:488-491
- Baeyer, H.v., F. Kochinke, M. Marx, R. Schwerdtfeger, W. Reinhardt, M. Kessel. 1983. "Flow controlled selective plasma ultrafiltration (SPU) with online membrane regeneration by back flush techniques." Trans. Am. Soc. Artif. Intern. Organs, 29:739-734.
- Baeyer, H.v., F. Kochinke. 1983. "Ein neues Verfahren zur Durchführung der Kaskadenplasmapherese." Biomed. Technik, 28/6:137-144.
- Kochinke, F. 1984. "Die Ultrafiltration von Blut und Plasma durch poröse Kapillarmembranen." Diplomarbeit (Physik). Freie Universität Berlin.
- Baeyer, H.v., R. Schwerdtfeger, W. Schwartzkopff, R. Schurig, F. Kochinke, M. Marx, D. Schulten. 1983. "Selective removal of Low-Density Lipoprotein (LDL) by plasmapheresis combined with selective plasma protein ultrafiltration." Plasma Ther. Technol., 4:447-458.
- Baeyer, H.v., F. Kochinke, R. Schwerdtfeger. 1985. "Cascade plasmapheresis with online membrane regeneration: Laboratory and clinical studies." J. Membr. Sci., 22:297-315.
- Schwerdtfeger, R. H.v. Baeyer, F. Kochinke. 1984. "Substitution-free therapeutic plasmapheresis by selective protein ultrafiltration using a 0.6 mega Dalton membrane." Therapeutic Apheresis: A Critical Look. ISAO Press, 235-240.
- Baeyer, H.v., R. Schwerdtfeger, F. Kochinke, I. Schwaner. 1985. "Improvement of membrane LDL-apheresis by thermofiltration (Patients Study)." International Symposium on Therapeutic Plasma Exchange and Selective Plasma Separation.
- Baeyer, H.v., A. Lajous-Petter, F. Kochinke, H. Hain, S. Manth. 1985. "The morphological results of blood surface interaction in hemodialysis and hemofiltration modules." ISAO Congress, Chicago.
- Schwerdtfeger, R., F. Kochinke, H.v. Baeyer. 1985. "Improvement in membrane LDL-apheresis by thermofiltration." ISAO Congress, Chicago.
- Kochinke, F., H.v. Baeyer, I. Schwaner, R. Schwerdtfeger. 1986. "Comparison of plasmafractionation filters and filtration techniques in clinical practice of LDL-apheresis." ASAIO Congress, Anaheim, Trans. Am. Soc. Artif. Intern. Organs 32.
- Baeyer, H.v., F. Kochinke, I. Schwaner, R. Schwerdtfeger. May 1986. "Membrane LDL-apheresis: Comparison of various techniques and long-term results." International Congress of Apheresis, Tokyo.
- Kochinke, F., H.v. Baeyer. September 1986 "Membrane plasma protein fractionation for LDL-apheresis: Comparison of two hollow fiber modules and two filtration techniques." Tübingen Symposium on Synthetic Membranes in Sciences and Industry, J. Membr. Sci.
- Kochinke, F., Fraktionierung von Humanplasmaproteinen mit Membranen, 1987. Ph.D. Thesis, Technische Universität Berlin.

Controlled-Release Drug Delivery Related Publications:

- Baker, R., Kochinke, F., 1988. "Transdermal Drug Delivery Systems", Controlled Release of Drugs: Polymers and Aggregate Systems. VCH, 277-305.
- Baker, R., Krisko, E., Kochinke, F., Grassi, M., Armitage, G. and Robertson, P., 1988, "A Controlled Release Drug Delivery System for the Periodontal Pocket", Proceedings of 15th International Symposium on Controlled Release of Bioactive Materials.
- Kochinke, F., Schultz, D., Gentner, B., Santus, G., Baker, R., July 1990, "Design of a Transdermal Delivery System for Nicotine", Controlled Release Society.
- Flanagan, S., Kochinke, F., 1993. "A Few Surprises: Estraderm TTS Drug Permeation through Dermatomed Porcine Skin *In Vitro*", AAPS Meeting
- Kochinke, F., Wong V., 1994. (ARVO Meeting, Abstract #4474). "Novel Biodegradable Drug Delivery System for the Treatment of Post-surgical Inflammation"
- Kochinke, F., Wong V., 1994. (ACADAMY Meeting, SF), "Post-operative Intraocular Drug Delivery"
- Kochinke, F., Wong V., 1994. (China Satellite Cataract Research Meeting, BEIJING). "Novel Bioabsorbable Drug Delivery System for the Post-surgical Eye"
- Kochinke, F., 1995. ARVO. "Prediction of *in vivo* Drug Concentration Profiles of Intraocular Drug Delivery Systems"
- Kochinke, F., Wong V., 1995. (Second International Ophthalmology Conference in China, BEIJING). "Post-operative Intraocular Drug Delivery"
- Kochinke, F. 1995. "Assessment of Biodegradable Intraocular Dexamethasone Drug Delivery System - Computer, *in vitro*, Animal and Clinical Studies" Geneva: International Symposium on Experimental and Clinical Ocular Pharmacology and Pharmaceutics.
- Kochinke, F. 1995 (Abstract CHI Meeting: Drug Delivery to the Eye): Intraocular Drug Delivery Systems for the Treatment and Prophylaxis of Uveitis, Endophthalmitis and Post-operative Eye Conditions
- Kochinke, F.; Wong, V., 1996. ARVO. "Biodegradable Drug Delivery System for Uveitis Treatment"
- Kochinke, F: 7-8/2007, Inside Dentistry, "When You Cannot Brush and Floss ...", Technical Profile
- P. RECHMANN, B.M.T. RECHMANN, M.L. RAPOZO-HILO, and F. KOCHINKE, 2010, At: International and American Association for Dental Research Congress, "In-Vivo Fluoride Release from Nuvora-F-Lozenges into Saliva"
- Frank Kochinke: "Slow Release Technologies for the Future", At ICNARA 2, Chile, Jan/2012

Blood Glucose Monitoring Related Publications:

- Kochinke, F.: IBC - Transdermal Drug Delivery Conference - San Diego, "TD-Glucose™ - Development of an Innovative Non-Invasive Transdermal Blood Glucose Monitoring System ", December 1997
- Aronowitz, J.; Kochinke, F.: "Results of a recent large clinical trial with transdermal glucose monitoring"; EASD '98 Symposium - "In vivo glucose monitoring: Recent developments in minimal or non-invasive methods", Barcelona, Spain, September 7, 1998
- Aronowitz, J.; Kochinke, F.: "Results of a recent clinical trial with TD-G monitoring"; EASD '99 Symposium - "In vivo glucose monitoring: Recent developments in minimal or non-invasive methods", San Diego, California, June 21, 1999
- McGill, J.; Kochinke, F.: "TRANSDERMAL GLUCOSE MONITORING SYSTEM - Comparison between Patient Specific & Universal Calibration during Extremes of Hypo- & Hyperglycemia, 17th International Diabetes Federation Congress, Mexico City, Mexico, Nov. 5 - 10, 2000