Publications Ulrike Schön, PhD

2016

Suriyanarayanan S, Auranen M, Toppila J, Paetau A, Shcherbii M, Palin E, Wei Y, Lohioja T, Schlotter-Weigel B, **Schön U**, Abicht A, Rautenstrauss B, Tyynismaa H, Walter MC, Hornemann T, Ylikallio E.
The Variant p.(Arg183Trp) in SPTLC2 Causes Late-Onset Hereditary Sensory Neuropathy.
Neuromolecular Med. 2016 Mar;18(1):81-90.

2014

Seifert B, Paulmann B, Seifert D, Brey S, Gaßner C, Kwiatkowski B, **Schön U**, Koehler U, Holinski-Freder E.
Studie zur klinischen Etablierung der Präimplantationsdiagnostik.
Journal für Reproduktionsmedizin und Endokrinologie Jan 2014.

2013

Würfel W, Suttner R, Shakeshaft D, Mayer V, **Schoen U**, Sendelbach K, Locher M, Koehler U, Fiedler K, Krüsmann G, Holinski-Feder E.
Pregnancy and Birth After a Two-Step PGD: Polar Body Diagnosis for Hemophilia A and Array CGH on Trophectoderm Cells for Chromosomal Aberrations.
Geburtshilfe Frauenheilkd. 2013 Aug;73(8):812-814.

Köhler U, **Schön U**, Mayer V, Holinski-Feder E.
Preimplantation genetic diagnosis for monogenic disorders and chromosomal rearrangements-The German perspective.
J Reproduktionsmed Endokrinol 2013; 10: Special issue 1: 36-2.

2012

Suttner R, Shakeshaft D, Koehler U, **Schön U**, Hrarsim T, Wagner A, Holinski-Feder E, Rost I, Würfel W.
First experiences with PGD after trophectoderm biopsy at Kinderwunsch Centrum Munich (KCM), Germany.
Reprod BioMed Online 2012; 24:48.

U. Schön, U. Koehler, V. Mayer, A. Stegerer, K. Sendelbach, M. Locher, B. Paulmann, D. Shakeshaft, R. Suttner, B. Seifert, W. Würfel, E. Holinski-Feder.
Increased pregnancy rates after trophectoderm biopsy for PGD of monogenic diseases and chromosomal aberrrations.
Reproductive BioMedicine Online 2012; 24:55-56.

Köhler U, Mayer V, **Schön U**, Stegerer A, Sendelbach K, Locher M, Paulmann B, Shakeshaft D, Suttner R, Seifert B, Würfel W, Holinski-Feder E.
Steigerung der Schwangerschaftsrate durch Präimplantationsdiagnostik für monogene Erkrankungen und chromosomale Aberrationen nach Trophektodermbiopsie.
Arch Gynecol Obstet 2012; 286:49-279.

U. Koehler, **U. Schön**, V. Mayer, A. Stegerer, K. Sendelbach, M. Locher, B. Paulmann, D. Shakeshaft, R. Suttner, B. Seifert, W. Würfel, E. Holinski-Feder.
Preimplantation genetic diagnosis for monogenic diseases and chromosomal aberrations after trophectoderm biopsy- results from 2010 to 2011.
European Journal of Human Genetics 2012; 20:140.

2011

Seifert B, **Schön U**, Paulmann B, Seifert D, Hehr A, Köhler U, Holinski-Feder E.

Diagnostik der spinalen Muskelatrophie Typ 1 (SMA1) durch Trophektodermbiopsie von Blastozysten.
J Reproduktionsmed Endokrinol 2011; 8:335.

2009

Mayer V, **Schoen U**, Holinski-Feder E, Koehler U, Thalhammer S. (2009)
Single cell analysis of mutations in the APC gene.
Fetal Diagn Ther. 2009;26(3):148-56. Epub 2009 Oct 13.

Schön U, Diem O, Leitner L, Günzburg WH, Mager DL, Salmons B, Leib-Mösch C (2009)
Human endogenous retroviral long terminal repeat sequences as cell type-specific promoters in retroviral vectors.
J Virol. 2009 Dec;83(23):12643-50.

2007

Lutz-Bonengel, S., Timo Sänger, T., Heinrich, M., **Schön, U**., Schmidt, U. (2006)
Low volume amplification and subsequent sequencing of mitochondrial DNA on a chemically structured chip.
Int J Legal Med. 2007 Jan;121(1):68-73.

Udo Zeilfelder, Oliver Frank, Sandra Sparacio, **Ulrike Schön**, Valerie Bosch, Wolfgang Seifarth, Christine Leib-Mösch, (2006)
The potential of retroviral vectors to cotransfer endogenous retroviruses (HERVs) from human packaging cell lines.
Gene. 2007 Apr 1;390(1-2):175-9.

2006

Schmidt U., Lutz-Bonengel S., Weisser HJ., Sanger T., Pollak S., **Schön U**., Zacher,T., Mann, W. (2006)
Low-volume amplification on chemically structured chips using the PowerPlex16 DNA amplification kit. Int J Legal Med. 120(1):42-8.

2005

K. Hagen-Mann, Th. Zacher, O. Khanaga, V. Baukloh, W. Mann, **U. Schön** (2005)
Molekularbiologische Analysen von Einzelzellen.
Medgen.

2004

Leib-Mösch, C., Seifarth, W., **Schön, U.** (2004)
Influence of human endogenous retroviruses on cellular gene expression. In: "Retroviruses and Primate Genome Evolution", (E. Sverdlov, Ed.).
Landes Bioscience, Georgetown, Texas (2004).

2001

Baust C, Seifarth W, **Schön U**, Hehlmann R, Leib-Mösch C.
Functional activity of HERV-K-T47D-related long terminal repeats.
Virology. 2001 May 10;283(2):262-72.

Schön, U., Baust, C., Seifarth, W., Hohenadl, C., Erfle, V. and Leib-Mösch, C. (2001)
Cell type-specific expression and promoter activity of human endogenous retroviral long terminal repeats.
Virology 279(1): 280-289.

Baust, C., Seifarth, W., **Schön, U**., Hehlmann, R. and Leib-Mösch, C. (2001**)**
The R-region of HERV-K-T47D related LTRs contains signals for modulation of HERV promoter activity.
Virology, 283(2): 262-272.

2000

Seifarth, W., Baust, C., **Schön, U**., Reichert, A., Hehlmann, R. and Leib-Mösch, C. (2000)
HERV-IP-T47D, a novel type C-related human endogenous retroviral sequence derived from T47D particles.
AIDS Res Hum Retroviruses 16, 471-80.

Schön, U., Seifarth, W., Baust, C., Erfle, V. and Leib-Mösch, C. (2000)
Retroviral vectors based on human endogenous LTR sequences.
J. Gene Medicine 2, 54.

Seifarth, W., **Schön, U**., Krause, U.,Schwarz, N., Verbeke, C., Hehlmann, R. and Leib-Mösch, C. (2000)
Analysis of human endogenous retrovirus activity in normal and malignant tissues of patients with breast cancer.
Infection 28, 53.

1999

Schön, U., Erfle, V. and Leib-Mösch, C. (1999)
Construction of tissue specific retroviral vectors using HERV LTRs.
J. Gene Medicine 1, 12.

1997

Schön, U., Baust, C., Hohenadl, C., Erfle, V., Hehlmann, R. and Leib-Mösch, C. (1997)
Tissue specific expression and promoter activity of different HERV-LTRs.
J. Mol. Med. 75, 228.

1996

Herbort, M., **Schön, U**., Angermann, K., Lang, J. and Schumann, W. (1996)
Cloning and sequencing of the *dnaK* operon of *B. Stearothermophilus*.
FEMS-Microbiol-Lett. 139, 183-188.

1995

Schön, U. and Schumann, W. (1995)
Overproduction, purification and characterization of GroES and GroEL from the thermophilic *B. Stearothermophilus*.
Gene 170, 81-84.

1994

Schön, U. and Schumann, W. (1994)
Construction of His_6-tagging vectors allowing single-step purification of GroES and other polypeptides produced in *Bacillus subtilis*.

Gene 147, 91-94.

1993

Schön, U. and Schumann, W. (1993)
Sequencing and characterization of the *groE*-locus from *Bacillus stearothermophilus.*
BioEngineering. 9, 28.

Schön, U. and Schumann, W. (1993)
Molecular Cloning, Sequencing, and Transcriptional Analysis of the *groESL* Operon from *Bacillus stearothermophilus.*
J. Bacteriol. 175, 2465-2469.

1992

Schön, U. and Schumann, W. (1992)
Isolation and sequenzing of the *groE*-homolog of *B. Stearothermophilus*.
BioEngineering. 8, 73.