

Stefan Russmann, MD

born 21 December 1970, Göttingen, Germany
 Marital status: married, 2 children
 Languages: German, English, French, Italian
 Nationality: German
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Licensure	2015 2008 2003 1999 1997	Licence to practice as an independent medical doctor in the Canton of Zurich Board-certified pharmacologist and toxicologist (German boards) FMH Clinical Pharmacology and Toxicology (Swiss boards) Board-certified clinical pharmacologist (German boards) United States Medical Licensing Examination (USMLE Steps I and II) MD degree, University of Freiburg, Faculty of Medicine, Germany
Academic appointments	2015 - present 2008 2009 - present 2005 - 2008	University of Zurich, Faculty of Medicine, Zurich, Switzerland Associate Professor (Titularprofessor) for Clinical Pharmacology and Toxicology Venia Legendi (Privatdozent) for Clinical Pharmacology and Toxicology Boston University School of Public Health, Boston, MA, USA Adjunct Associate Professor of Epidemiology Assistant Professor of Epidemiology
Doctoral thesis	1998	University of Freiburg, Faculty of Medicine (supervisor Prof. E. Jähnchen) „Age-dependent differences in the anticoagulant effect of phenprocoumon in patients after heart valve surgery.“
Professional positions	2015 - present 2015 - present 2017 - present 2014 - present 2009 - 2015 2007 - 2015 2006 - 2007 2004 - 2006 2004 1999 - 2003 2001 - 2004 1999 - 2004 1999 - 2004 1998 - 1999	drugsafety.ch, Küsnacht, Zurich, Switzerland Founder and CEO Institute of General Internal Medicine and Nephrology, Clinic Hirslanden, Zurich Senior Consulting Physician Center for Internal Medicine (ZIM), Clinic Hirslanden, Aarau Senior Consulting Physician Swiss Federal Institute of Technology Zurich (ETHZ) Department of Chemistry and Applied Biosciences, Pharmaceutical Sciences Lecturer of Pharmacoepidemiology and Drug Safety Department of Clinical Pharmacology and Toxicology University Hospital Zurich, Zurich, Switzerland (Prof. G.A. Kullak-Ublick) Head of Pharmacoepidemiology and Drug Safety Senior Physician (Oberarzt) Clinical Pharmacology and Toxicology The Degge Group Drug Safety & Pharmacoepidemiology, Arlington, VA, USA (Prof. J.K. Jones) Medical and Research Director Boston Collaborative Drug Surveillance Program, Boston University, Boston, MA, USA (Prof. H. Jick) Research Fellow in Pharmacoepidemiology Department of Clinical Pharmacology, University of Berne, Berne, Switzerland (Prof. B.H. Lauterburg, Prof. J. Reichen) Fellow (stv. Oberarzt) in Clinical Pharmacology Resident (Assistenzarzt) in Clinical Pharmacology Clinical Trials Investigator, Clinical Investigation Unit, University Hospital Berne Adverse drug reactions case assessor and reporter Swiss Regional Pharmacovigilance Center Berne Member of Prof. B.H. Lauterburg's research group, University of Berne Heart Center Bad Krozingen, Bad Krozingen, Germany (Prof. H. Roskamm) Internship (Arzt im Praktikum) in cardiology and internal medicine

Undergraduate education and training	<p>1994 - 1997</p> <p>1993 - 1994</p> <p>1990 - 1993</p> <p>1990 - 1997</p>	<p>Medical School</p> <p>Faculty of Medicine, Albert-Ludwigs University, Freiburg, Germany</p> <p>St.Mary's Hospital Medical School, Imperial College, London, UK</p> <p>Faculty of Medicine, Albert-Ludwigs University, Freiburg, Germany</p> <p>Practical training (elective periods) during Medical School</p> <p>Pediatrics, University Hospital, Freiburg, Germany</p> <p>Surgery, General Hospital Samedan, Switzerland</p> <p>Internal medicine, Mount Sinai Hospital, New York, USA</p> <p>Internal medicine, University Hospital, Grenoble, France</p> <p>Surgery, Hadassah University Hospital, Jerusalem, Israel</p> <p>Radiology, Private practice, Freiburg, Germany</p> <p>Cardiology, General Hospital, Aix-en-Provence, France</p> <p>Orthopedic surgery, Hammersmith Hospital, London, UK</p>
Doctoral students trained	<p>2016</p> <p>2012</p> <p>2011</p> <p>2011</p> <p>2007</p> <p>2002</p>	<p>David Niedrig (Dr. sc. nat, ETH Zurich)</p> <p>Daniela Fritz (Dr. med, University of Zurich)</p> <p>Thomas Frölich (Dr. med, University of Zurich)</p> <p>Markus Guzek (Dr. med, University of Zurich)</p> <p>Emmilia A. Dowlatshahi (Dr. med, University of Freiburg, Germany)</p> <p>Franziska Zenger (Dr. med, University of Berne)</p>
Master students trained	<p>2020</p> <p>2017 - 2018</p> <p>2011</p> <p>2011</p>	<p>Ali Rahmany (MSc Pharmaceutical Sciences, ETH Zurich), in progress</p> <p>Emiri Grimes (MSc Pharmaceutical Sciences, ETH Zurich), grade: 4.5/6</p> <p>Patrick Haueis (MSc Pharmaceutical Sciences, ETH Zurich), grade: 6/6</p> <p>Olesya I. Zorina (MSc Pharmaceutical Sciences, ETH Zurich), grade: 5.75/6</p>
Academic research grants and awards, scholarships	<p>2015</p> <p>2014</p> <p>2013</p> <p>2012 - 2015</p> <p>2012 - 2013</p> <p>2010</p> <p>2009</p> <p>2009</p> <p>2007</p>	<p>Research grant from Takeda Pharma AG for the project "Pharmacotherapy and Drug Safety in Swiss Psychiatric Hospitals: Setup of a Pharmacoepidemiological Database and Research Platform"</p> <p>Research grant from Takeda Pharma AG for the project "Pharmacoepidemiological Studies on Prescribing Patterns and Metabolic Profiles in Patients Using Atypical Antipsychotics in Switzerland"</p> <p>University Hospital Zurich Quality Board Award for the project „Improving Hospital Drug Safety Using Combined Retro- and Prospective Identification of Medication Errors with Computer-supported Highly Specific Alerts"</p> <p>Research grant from Swiss National Science Foundation (SNF) for the project „Improving Hospital Drug Safety - Targeted Electronic Alerts and Subsequent Interrupted Time Series Regression Analyses of Outcomes"</p> <p>Research grant from ID Suisse AG for the project „Improving acceptance and efficacy of clinical decision support systems"</p> <p>Research grant from Zurich Center for Integrative Human Physiology (ZIHP), Co-investigator on the project "Role and Regulation of FGF23 in Health and Chronic Kidney Disease"</p> <p>Research grants from Swiss Society for Drug Safety in Psychiatry (SGAMSP) and Hartmann Müller foundation for the project „Evaluation of drug interactions in medication data of psychiatric inpatients from the AMSP program through the comparative use of electronic prescription support software solutions".</p> <p>Research grant from Center for Clinical Research (ZKF), University Hospital Zurich for the project "Evaluation of medication safety in neurological inpatients using electronic drug prescription data and prescription support software"</p> <p>Research Encouragement Award of the Swiss Society of Gastroenterology, sponsored by Astra Zeneca AG</p>

	2004	Two-year International Fellowship in Clinical Pharmacology Merck Sharp & Dohme (MSD) foundation
	2004	One-year foreign research training grant (PBBEB--104453) from Swiss National Science Foundation (SNF), for the project "Pharmacoepidemiological studies in the General Practice Research Database (GPRD)" at Boston University, USA <i>(returned in favor of the MSD foundation fellowship scholarship)</i>
	1993	German Academic Exchange Service (DAAD), 1-year scholarship for Medical Studies at St. Mary's Hospital Medical School, Imperial College, London, UK
Awards to young scientists under my supervision	2015	David Niedrig, Award for the best oral presentation "Retrospective Mass-Analysis of Hospital Prescription Data for Medication Errors and Subsequent Development of Highly Specific Alert Algorithms with ID PHARMA CHECK®" at the Annual Meeting of the Swiss Society of Public Health Administration and Hospital Pharmacists (SGASA)
	2013	Regina Krattinger, SGIM Award for the scientific poster „Introduction and Outcome Analysis of Systematic Semi-Automated Alerts Regarding Metformin Dose-Adjustment in Patients with Renal Impairment in a Swiss University Hospital"
	2012	Patrick Haueis, Rudolf-Buchheim Award by DGPT for the publication „Evaluation of Drug Interactions in 84,607 Psychiatric Inpatients Using A Data Interface for Mass Analysis with Clinical Decision Support Software" in Clin Pharmacol Ther 2011
Scientific societies memberships and appointments	2009 - 2015	Centre for Integrative Human Physiology (ZIHP), University of Zurich (2009 junior membership, 2013 full membership)
	2004 - 2016	International Society of Pharmacoepidemiology (ISPE)
	2002 - present	International Society of Pharmacovigilance (ISoP), Current Vice-President of the Swiss ISoP chapter
	2000 - present	Swiss Society of Pharmacology and Toxicology, Section of Clinical Pharmacology (SGKPT)
	2001 - present	Swiss Association for the Study of the Liver (SASL)
	1997 - present	German Society of Pharmacology and Toxicology, Section of Clinical Pharmacology (DGPT)
	2009 - present	Swiss Society for Drug Safety in Psychiatry (SGAMSP), Past Vice-President
	2012 - present	Swiss Society for Medical Informatics (SGMI)
Certified postgraduate training courses	2005 - 2006	Principles of Clinical Pharmacology A.J. Atkinson Jr., Clinical Center, National Institutes of Health, Bethesda, USA
	2005	Introduction to Epidemiology P. Sorlie, FAES Graduate School, National Institutes of Health, Bethesda, USA
	2005	Principles of Pharmacokinetic Data Analysis: Modeling and Simulation using SAAM II software A.J. Atkinson Jr. & D.M. Foster, Center for Information Technology, National Institutes of Health, Bethesda, USA
	2000	Advanced Methods in Pharmacokinetics / Pharmacodynamics M. Rowland, Manchester, UK, & L. Sheiner, San Francisco, USA
	1999	Emergency medicine (Notarzausbildung) 1-week course in Langenargen and practical training at German Red Cross (DRK) rescue base Bad Krozingen, affiliated with Herz-Zentrum Bad Krozingen

**Reviewing
activities**

Regular peer-reviews for scientific journals including:

Amer J Gastroenterol
Artificial Intelligence in Medicine
BMC Family Practice
Cell Biology and Toxicology
Clin Infect Dis
Curr Drug Metabolism
Curr Med Chemistry
Dig Liver Dis
Drug Safety
Eur J Clin Nutr
Eur J Clin Pharmacol
Exp Opin on Metabolism and Toxicology
Int J Epidemiol
J Hepatol
J Mol Medicine
Liver International
Med J Australia
North American Journal of Medical Sciences
Pharmacoepidemiol Drug Saf
(selected as best reviewer by the editors in 2013, 2014 and 2015)
Swiss Medical Weekly
The Open Addiction Journal

SCIENTIFIC PUBLICATIONS

I. Peer-reviewed original articles

1. Häni C, Vonbach P, Fonzo-Christe C, **Russmann S**, Cannizzaro V, Niedrig DF
Evaluation of Incompatible Coadministration of Continuous Intravenous Infusions in a Pediatric/Neonatal Intensive Care Unit
J Pediatr Pharmacol Ther. 2019 Nov-Dec;24(6):479-488. doi: 10.5863/1551-6776-24.6.479
(Impact Factor: 0.56)
2. Jungo R, **Russmann S**, Benden C, Schuurmans MM
Use of oseltamivir in lung transplant recipients with suspected or proven influenza infection: a 1-year observational study of outcomes and safety
Antiviral Therapy 2019 Jun. doi: 10.3851/IMP3320
(Impact factor: 1.34)
3. Meincke R, Pokladnikova J, Straznicka J, Meyboom RH, Niedrig D, **Russmann S**, Jahodar L
Allergy-like immediate reactions with herbal medicines in children: a retrospective study using data from Vigibase®
Pediatric Allergy and Immunology, 2017 Nov;28(7):668-674.
(Impact factor: 4.137)
4. Heinrich H, Neuenschwander A, **Russmann S**, Misselwitz B, Benden C, Schuurmans MM
Prevalence of gastrointestinal dysmotility and complications detected by abdominal plain films after lung transplantation: a single-centre cohort study.
BMJ Open Resp Res 2016;3:e000162. doi:10.1136/bmjresp-2016-000162
(Impact factor: n.a.)
5. Niedrig DF, Hoppe L, Mächler S, Russmann H, **Russmann S**.
Benzodiazepine Use During Hospitalization: Automated Identification of Potential Medication Errors and Systematic Assessment of Preventable Adverse Events.
PLoS One. 2016 Oct 6;11(10):e0163224
(Impact factor: 3.54)
6. Niedrig DF, Bucklar G, Fetzer M, Mächler S, Gött C, **Russmann S**.
Paracetamol overdosing in a tertiary care hospital: implementation and outcome analysis of a preventive alert programme.
J Clin Pharm Ther. 2016 Oct;41(5):515-8.
(Impact factor: 1.833)
7. Niedrig D, Krattinger R, Jödicke A, Gött C, Bucklar G, **Russmann S**.
Development, implementation and outcome analysis of semi-automated alerts for metformin dose adjustment in hospitalized patients with renal impairment.
Pharmacoepidemiol Drug Saf. 2016 Oct;25(10):1204-1209
(Impact factor: 2.908)
8. Niedrig DF, Mächler S, Hoppe L, Corti N, Kovari H, **Russmann S**
Drug Safety of Macrolide and Quinolone Antibiotics in a Tertiary Care Hospital: Administration of Interacting Comedication and QT-Prolongation
European Journal of Clinical Pharmacology 2016, Jul; 72(7):859-67
(Impact factor: 2.966)
9. Pokladnikova J, Meyboom RH, Meincke R, Niedrig D, **Russmann S**.
Allergy-Like Immediate Reactions with Herbal Medicines: A Retrospective Study Using Data from VigiBase®.
Drug Saf. 2016 May; 39(5):455-64
(Impact factor: 2.824)

10. Niedrig DF, Gött C, Fischer A, Müller ST, Greil W, Bucklar G, **Russmann S**
Second-generation Antipsychotics in a Tertiary Care Hospital - Prescribing Patterns, Metabolic Profiles and Drug Interactions
International Clinical Psychopharmacology 2016 Jan;31(1):42-50
(Impact factor: 3.098)
11. Kovari H, **Russmann S**, Ledergerber B, Müller D, Rotger M, Velli P, Cavassini M, Ambrosioni J, Bregenzer A, Stöckle M, Bernasconi E, Rauch A, Speck RF
Ribavirin Concentrations Do Not Predict Sustained Virological Response in HIV/HCV-coinfected Patients Treated with Ribavirin and Pegylated Interferon in the Swiss HIV Cohort Study
PLOS One 2015 Jul 28;10(7): e0133879
(Impact factor: 3.534)
12. **Russmann S**, Niedrig DF, Budmiger M, Schmidt C, Stieger B, Hürlimann S, Kullak-Ublick GA.
Rivaroxaban postmarketing risk of liver injury.
J Hepatol. 2014; 61:293-300
(Impact factor: 9.858)
13. Zorina OI, Haueis P, Greil W, Grohmann R, Kullak-Ublick GA, **Russmann S**.
Comparative Performance of Two Drug Interaction Screening Programs Analyzing a Cross-sectional Prescription Dataset of 84,625 Psychiatric Inpatients.
Drug Saf. 2013 Apr;36(4):247-58
(Impact factor: 3.634)
14. Bloch-Teitelbaum A, Lüde S, Rauber-Lüthy C, Kupferschmidt H, **Russmann S**, Kullak-Ublick GA, Ceschi A.
Medication wrong route administration: a poisons centre-based study.
Expert Opin Drug Saf. 2013 Mar;12(2):145-52
(Impact factor: 3.015)
15. Rau M, Stickel F, **Russmann S**, Manser C, Becker P, Weisskopf M, Schmitt J, Dill MT, Dufour JF, Moradpour D, Semela D, Müllhaupt B, Geier A.
Impact of genetic SLC28 transporter and ITPA variants on ribavirin serum level, hemoglobin drop and therapeutic response in patients with HCV infection.
J Hepatol. 2013 Apr;58(4):669-75
(Impact factor: 9.858)
16. Pavik I, Jaeger P, Ebner L, Wagner CA, Petzold K, Spichtig D, Poster D, Wüthrich RP, **Russmann S**, Serra AL.
Secreted Klotho and FGF23 in chronic kidney disease stage 1 to 5: A sequence suggested from a cross-sectional study.
Nephrol Dial Transplant. 2013 Feb;28(2):352-9
(Impact factor: 3.396)
17. Haeberle A, Greil W, **Russmann S**, Grohmann R
Mono- and combination drug therapies in hospitalized patients with bipolar depression. Data from the European drug surveillance program AMSP.
BMC Psychiatry. 2012 Sep 21;12:153
(Impact factor: 2.55)
18. Taegtmeyer A, Curkovic I, Corti N, Rosen C, Egbring M, **Russmann S**, Gantenbein A, Weller M, Kullak-Ublick G.
Drug-related problems and factors influencing acceptance of clinical pharmacologists` alerts in a large cohort of neurology inpatients.
Swiss Med Wkly 2012, Jul 9;142:13615
(Impact factor: 1.823)

19. Zorina OI, Haueis P, Semmler A, Marti I, Gonzenbach RR, Guzek M, Kullak-Ublick GA, Weller M, **Russmann S**.
Comparative Evaluation of the Drug Interaction Screening Programs MediQ and ID PHARMA CHECK in Neurological Inpatients
Pharmacoepidemiology and Drug Safety 2012, Aug;21(8):872-80
(Impact factor: 2.342)
20. Fritz D, Ceschi A, Curkovic I, Huber M, Egbring M, Kullak-Ublick GA, **Russmann S**.
Comparative Evaluation of Three Clinical Decision Support Systems: Prospective Screening for Medication Errors in 100 Medical Inpatients.
Eur J Clin Pharmacol 2012, Aug;68(8):1209-19
(Impact factor: 3.032)
21. Greil W, Häberle A, Haueis P, Grohmann R, **Russmann S**
Pharmacotherapeutic Trends in 2,231 Psychiatric Inpatients with Bipolar Depression from the International AMSP Project between 1994 and 2009.
J Affective Disorders 2012, Feb;136(3):534-42
(Impact factor: 3.740)
22. Haueis P, **Russmann S**, Zorina O, Grohmann R, Kullak-Ublick GA, Jaquenoud Sirot E, Russmann H.
Coprescription of Levodopa with Antipsychotics in a Population of 84,596 Psychiatric Inpatients from 1994 to 2008.
Pharmacopsychiatry 2012, Jun; 45(4):127-32
(Impact factor: 2.203)
23. Frölich T, Zorina O, Fontana AO, Kullak-Ublick GA, Vollenweider A, **Russmann S**.
Evaluation of Medication Safety in the Discharge Medication of 509 Surgical Inpatients Using Electronic Prescription Support Software and an Extended Operational Interaction Classification.
Eur J Clin Pharmacol 2011, Dec;67(12):1273-82
(Impact factor: 3.032)
24. Haueis P, Greil W, Huber M, Grohmann R, Kullak-Ublick GA, **Russmann S**.
Evaluation of Drug Interactions in 84,607 Psychiatric Inpatients Using A Data Interface for Mass Analysis with Clinical Decision Support Software.
Clinical Pharmacology & Therapeutics 2011, Oct;90(4):588-96.
(Impact factor: 6.378)
25. Guzek M, Zorina O, Semmler A, Gonzenbach R, Huber M, Kullak-Ublick GA, Weller M, **Russmann S**.
Evaluation of Drug Interactions and Dosing in 484 Neurological Inpatients Using Clinical Decision Support Software and an Extended Operational Interaction Classification System (ZHIAS)
Pharmacoepidemiology and Drug Safety 2011, Sep;20(9):930-8
(Impact factor: 2.342)
26. Bihl F, **Russmann S**, Gurtner V, Di Giammarino L, Pizzi-Bosman L, Michel M, Cerny A, Hadengue A, Majno P, Giostra E, Castelli D, Mentha G.
Hyperimmune Anti-HBs Plasma as Alternative to Commercial Immunoglobulins for Prevention of HBV Recurrence After Liver Transplantation.
BMC Gastroenterol 2010, Jul 4; 10:71
(Impact factor: 2.47)
27. Egbring M, Kullak-Ublick GA, **Russmann S**.
Phynx - An Open Source Software Solution Supporting Data Management and Web-based Patient-Level Data Review for Drug Safety Studies in the General Practice Research Database and Other Health Care Databases.
Pharmacoepidemiology and Drug Safety 2010 Jan; 19(1):38-44.
(Impact factor: 2.342)

28. Motsko SP, **Russmann S**, Ming EE, Singh VP, Vendiola R, Jones JK.
Effectiveness of Rosuvastatin Compared to Other Statins for the Prevention of Cardiovascular Events - A Cohort Study in 395'039 Patients from Clinical Practice.
Pharmacoepidemiology and Drug Safety 2009 Dec; 18(12):1214-22.
(Impact factor: 2.342)
29. **Russmann S**, Lamerato L, Motsko SP, Pezzullo J, Faber MD, Jones JK.
Risk of Further Decline in Renal Function After Use of Oral Sodium Phosphate or Polyethylene Glycol in Patients With a Preexisting Glomerular Filtration Rate Below 60 ml/min.
American Journal of Gastroenterology 2008 Nov, 103(11):2707-16.
(Impact factor: 6.882)
30. Serra AL, Braun SC, Starke A, Savoca R, Hersberger M, **Russmann S**, Corti N, Wüthrich RP.
Pharmacokinetics and Pharmacodynamics of Cinacalcet in Patients with Hyperparathyroidism after Renal Transplantation.
American Journal of Transplantation 2008 Apr; 8(4):803-10.
(Impact factor: 6.051)
31. **Russmann S**, Lamerato L, Marfatia A, Motsko SP, Pezzullo J, Olds G, Jones JK.
Risk of Impaired Renal Function After Colonoscopy: A Cohort Study in Patients Receiving Either Oral Sodium Phosphate or Polyethylene Glycol.
American Journal of Gastroenterology 2007 Dec;102(12):2655-63.
(Impact factor: 6.882)
32. **Russmann S**, Dowlathshahi EA, Printzen G, Habicht S, Reichen J, Zimmermann H.
Prevalence and Associated Factors of Viral Hepatitis and Transferrin Elevations in 5036 Patients Admitted to the Emergency Room of a Swiss University Hospital: Cross-sectional Study.
BMC Gastroenterol 2007 Feb 5;7(1):5
(Impact factor: 2.47)
33. Jick H, Kaye JA, **Russmann S**, Jick S.
NSAIDs and acute myocardial infarction in patients with no major risk factors.
Pharmacotherapy 2006; 26(10):1379-87.
(Impact factor: 2.631)
34. Jick SS, Kaye JA, **Russmann S**, Jick H.
Risk of Nonfatal Venous Thromboembolism Comparing Oral Contraceptives Containing Norgestimate or Desogestrel with Oral Contraceptives Containing Levonorgestrel.
Contraception 2006; 73(6):566-570.
(Impact factor: 2.511)
35. Jick SS, Kaye JA, **Russmann S**, Jick H.
Risk of non-fatal venous thromboembolism comparing ORTHO EVRA™ with oral contraceptives containing norgestimate and 35 µg of ethinyl estradiol.
Contraception 2006; 73(3);223-228.
(Impact factor: 2.511)
36. Grattagliano I, **Russmann S**, Palmieri VO, Portincasa P, Palasciano G, Lauterburg BH.
Glutathione peroxidase, thioredoxin and membrane protein changes in erythrocytes predict ribavirin-induced anemia.
Clinical Pharmacology & Therapeutics 2005;78:422-32.
(Impact factor: 6.378)
S. Russmann is shared first author

37. **Russmann S**, Kaye JA, Jick SS, Jick H.
Risk of cholestatic liver disease associated with flucloxacillin and flucloxacillin prescribing habits in the UK: cohort study using data from the UK General Practice Research Database.
Br J Clin Pharmacol 2005;60(1):76-82.
(Impact factor: 3.063)
38. Zenger F, **Russmann S**, Junker E, Wüthrich C, Bui MH, Lauterburg BH.
Decreased glutathione in patients with anorexia nervosa. Risk factor for toxic liver injury?
Eur J Clin Nutr 2004;58(2):238-43.
(Impact factor: 2.561)
39. Naef M, **Russmann S**, Petersen-Felix S, Brenneisen R.
Development and pharmacokinetic characterization of pulmonary and intravenous delta-9-tetrahydrocannabinol (THC) in humans.
J Pharm Sci 2004;93(5):1176-84.
(Impact factor: 3.031)
40. Grattagliano I, **Russmann S**, Palmieri VO, Jüni P, Bihl F, Portincasa P, Palasciano G, Lauterburg BH.
Low membrane protein sulfhydryls but not G6PD deficiency predict ribavirin-induced hemolysis in hepatitis C.
Hepatology 2004;39(5):1248-55.
(Impact factor: 11.665)
S. Russmann is shared first author and corresponding author
41. Brenneisen R, Elsohly MA, Murphy TP, Passarelli J, **Russmann S**, Salamone SJ, Watson DE.
Pharmacokinetics and excretion of gamma-hydroxybutyrate (GHB) in healthy subjects.
J Anal Toxicol 2004;28(8):625-30.
(Impact factor: 1.545)
42. Baumann R, Yousefi S, Simon D, **Russmann S**, Mueller C, Simon HU.
Functional expression of CD134 by neutrophils.
Eur J Immunol 2004;34(8):2268-75.
(Impact factor: 4.942)
43. **Russmann S**, Junker E, Lauterburg BH.
Remethylation and transsulfuration of methionine in cirrhosis: studies with L-[²H₃-methyl-1-¹³C]methionine.
Hepatology 2002;36(5):1190-6.
(Impact factor: 11.665)
44. **Russmann S**, Dilger K, Trenk D, Nagyivanyi P, Jähnchen E.
Effect of lysine clonixinate on the pharmacokinetics and anticoagulant activity of phenprocoumon.
Arzneimittel-Forschung - Drug Research 2001;51(11):891-5.
(Impact factor: 0.632)
45. **Russmann S**, Gohlke-Bärwolf C, Jähnchen E, Trenk D, Roskamm H.
Age-dependent differences in the anticoagulant effect of phenprocoumon in patients after heart valve surgery.
Eur J Clin Pharmacol 1997;52(1):31-5.
(Impact factor: 3.032)

II. Peer-reviewed review articles

1. Grattagliano I, **Russmann S**, Diogo C, Bonfrate L, Oliveira PJ, Wang DQ, Portincasa P
Mitochondria in Chronic Liver Disease
Curr Drug Targets 2011;12(6):879-893
(Impact factor: 3.061)

2. **Russmann S**, Jetter A, Kullak-Ublick GA
Pharmacogenetics of Drug-induced Liver Disease
Hepatology 2010; 52(2):748-61
(Impact factor: 11.665)
3. **Russmann S**, Curkovic I, Huber M
Adverse Reactions and Risks Associated with Non Compliance
Ther Umsch 2010 Jun;67(6):303-7
(Impact factor: n.a.)
4. **Russmann S**, Kullak-Ublick GA, Grattagliano I.
Current Concepts of Mechanisms in Drug-induced Hepatotoxicity.
Curr Med Chem 2009; 16:3041-3053.
(Impact factor: 4.63)
5. **Russmann S**, Szeless T, Bock A, Kullak-Ublick GA.
Natriumphosphat enthaltende Darmreinigungsmittel - Gefahr für die Niere?
Swiss Medical Forum 2009; 9(18):336-9.
(Impact factor: n.a.)
6. **Russmann S**, Portincasa P, Palmieri VO, Palasciano G, Grattagliano I.
Ribavirin-induced anemia: mechanisms, risk factors and related targets for future research.
Curr Med Chem 2006; 13 (27):3351-7
(Impact factor: 4.63)
7. **Russmann S**, Lauterburg BH.
Life-threatening adverse effects of pharmacologic antihyperuricemic therapy.
Ther Umsch 2004;61(9):575-7.
(Impact factor: n.a.)
8. **Russmann S**, Lauterburg BH.
Drug-induced liver diseases.
Swiss Medical Forum 2002(44):1044-50.
(Impact factor: n.a.)

III. Monographies

1. **Russmann S**
Methodological Options for the Evaluation of Drug Safety: From Spontaneous Reports to Pharmacoepidemiology
Habilitationsschrift, University of Zurich, Faculty of Medicine, 30 May 2007

IV. Book chapters

1. **Russmann S**, Kullak-Ublick GA.
Arzneimittelsicherheit
In: Kullak-Ublick GA, Siepmann T, Kirch W, editors. *Arzneimitteltherapie*. Thieme, 2012: Chapter 1.3
2. Sift Carter R, Stoller R, **Russmann S**.
Unerwünschte Arzneimittelwirkungen
In: Kullak-Ublick GA, Siepmann T, Kirch W, editors. *Arzneimitteltherapie*. Thieme, 2012: Chapter 1.3.1
3. **Russmann S**.
Arzneimittelsicherheit in klinischen Studien
In: Kullak-Ublick GA, Siepmann T, Kirch W, editors. *Arzneimitteltherapie*. Thieme, 2012: Chapter 1.3.2

4. Sift Carter R, **Russmann S**, Stoller R.
Pharmakovigilanz
In: Kullak-Ublick GA, Siepmann T, Kirch W, editors. *Arzneimitteltherapie*. Thieme, 2012: Chapter 1.3.3
5. **Russmann S**
Pharmakoepidemiologie
In: Kullak-Ublick GA, Siepmann T, Kirch W, editors. *Arzneimitteltherapie*. Thieme, 2012: Chapter 1.3.4
6. Egbring M, **Russmann S**, Kullak-Ublick GA.
Clinical Decision Support Systems
In: Kullak-Ublick GA, Siepmann T, Kirch W, editors. *Arzneimitteltherapie*. Thieme, 2012: Chapter 1.3.5
7. **Russmann S**, Reichen J.
Drug prescription in liver disease.
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