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Curriculum Vitae

Core competencies

Anesthesia research
Organ protection by volatile anesthetics

Career

2017 Habilitation (PD Dr. med.), Faculty of Medicine, University of Zurich
2012 Board certification in Anesthesiology by the Swiss Medical Association FMH
2012 Diploma in emergency medicine by the Swiss society for emergency medicine and resuscitation SGNOR
2012 Board certification as general practitioner (Praktischer Arzt) by the Swiss Medical Association FMH
2012 European Diploma in Anaesthesiology and Intensive Care (EDAIC)
2009 Master in Medical Biology, Faculty of Science, University of Zurich
2007 Doctor of medicine (Dr. med.), Faculty of Medicine, University of Zurich
2004 Medical degree (MD), Faculty of Medicine, University of Zurich

Publications

- **Schläpfer M**, Piegeler T, Dull RO, Schwartz DE, Mao M, Bonini MG, Roth Z'Graggen B, Beck-Schimmer B, Minshall RD.: Propofol increases morbidity and mortality in a rat model of sepsis. *Critical Care* 2015.
- Urner M*, **Schläpfer M***, Herrmann IK, Hasler M, Schimmer RR, Booy C, Roth Z'graggen B, Rehrauer H, Aigner F, Minshall RD, Stark WJ, Beck-Schimmer B.: Insight into the beneficial immunomodulatory mechanism of the sevoflurane metabolite hexafluoro-2-propanol in a rat model of endotoxemia. *Clin Exp Immunol.* 2015 (*equal contribution)
- Beck-Schimmer B, Baumann L, Restin T, Eugster P, Hasler M, Booy C, **Schläpfer M.**: Sevoflurane attenuates systemic inflammation compared with propofol, but does not modulate neuro-inflammation: A laboratory rat study. *Eur J Anaesthesiol.* 2017



- Kellner P, Müller M, Piegeler T, Eugster P, Booy C, **Schläpfer M***, Beck-Schimmer B.*: Sevoflurane abolishes oxygenation impairment in a long-term model of acute lung injury. *Anesth Analg.* 2017 (*equal contribution)
- Voigtsberger S, Lachmann RA, Leutert AC, **Schläpfer M**, Booy C, Reyes L, Urner M, Schild J, Schimmer RC, Beck-Schimmer B.: Sevoflurane ameliorates gas exchange and attenuates lung damage in experimental lipopolysaccharide-induced lung injury. *Anesthesiology.* 2009

Full publication list:

<https://scholar.google.ch/citations?hl=de&user=gB8CPwcAAAAJ>

Memberships

American Society of Anesthesiologists (ASA)

European Society of Anaesthesiology (ESA)

International Anesthesia Research Society (IARS)

Schweizerische Ärztegesellschaft (FMH)

Schweizerische Gesellschaft für Anästhesie und Reanimation (SGAR)

Research focus

Organ protection in anesthesia