Curriculum vitae

Claudia Schildböck, MSc

Personal Data

Date of birth 23.01.1979, Krems, Austria

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Current Positions

Since 2001 **Biomedical Analyst,** Center for Biomedical Technology, University for Continuing Education Krems, Krems, Austria

Education

2021 **Master of Science in Health Studies,** IMC Krems University of Applied Sciences, Krems, Austria

2003 **Training course poison officer and First Aid in poisoning**, Umweltbundesamt, Vienna

2002 **Training course clinical trial administrator**, biomed-austria, Vienna

2001 **Diplom Biomedical Analyst,** "Akademie für den med. techn. Laboratoriumsdienst", General Hospital, Vienna

Academic and Professional Career

2019 - 2021 **Master Student** "Applied Health Sciences"
IMC Krems University of Applied Sciences, Krems, Austria

2004 – 2005 **Clinical trial administrator**, University Hospital, Krems

1998 – 2001 **Student** "Akademie für den med. techn. Laboratoriumsdienst", General Hospital, Vienna

Research Interests

- Analytic
- Apheresis and extracorporeal blood purification
- Anticoagulation
- Adsorption
- Blood-Material interaction
- Clinical trails

Memberships in Professional Societies

Biomed Austria professional association of Biomedical Analysts in Austria

Peer-Reviewed Articles

Pilecky, M. & Harm, S., Bauer, C., Zottl, J., Emprechtinger R., Eichhorn, T., Schildböck, C. Ecker, M., Willheim, M., Weber, V., Hartmann, J. Performance of Lateral Flow Assays for SARS-CoV-2 Compared to RT-qPCR. http://dx.doi.org/10.2139/ssrn.3991640 (2022).

Stephan Harm, Claudia Schildböck, Karin Strobl, Jens Hartmann: *An in vitro study on factors affecting endotoxin neutralization in human plasma using the Limulus amebocyte lysate test*. Sci Rep 2021, 11(1): 4192, DOI:10.1038/s41598-021-83487-4

Karin Strobl, Stephan Harm, Ute Fichtinger, Claudia Schildböck, Jens Hartmann: *Impact of anion exchange adsorbents on regional citrate anticoagulation*. Int J Artif Organs 2020, 44(3): 149-155, DOI:10.1177/0391398820947733

Stephan Harm, Karl Lohner, Ute Fichtinger, Claudia Schildböck, Jennifer Zottl, Jens Hartmann: *Blood Compatibility—An Important but Often Forgotten Aspect of the Characterization of Antimicrobial Peptides for Clinical Application*. International Journal of Molecular Sciences 10/2019; 20(21):5426., DOI:10.3390/ijms20215426

Stephan Harm, Claudia Schildböck, Jens Hartmann: *Cytokine Removal in Extracorporeal Blood Purification: An in vitro Study*. Blood Purification 09/2019;, DOI:10.1159/000502680

Stephan Harm, Claudia Schildböck, Jens Hartmann: *Removal of stabilizers from human serum albumin by adsorbents and dialysis used in blood purification*. PLoS ONE 01/2018; 13(1)., DOI:10.1371/journal.pone.0191741

Jens Hartmann, Karin Strobl, Ute Fichtinger, Claudia Schildböck, Dieter Falkenhagen: *In vitro investigations of citrate clearance with different dialysis filters*. The International journal of artificial organs 03/2012; 35(5):352-9., DOI:10.5301/ijao.5000098

J. Hartmann, U. Fichtinger, C. Schildboeck, D. Falkenhagen: *IMPROVING THE BIOCOMPATIBILITY OF ADSORBENTS FOR EXTRACORPOREAL BLOOD PURIFICATION BY ALBUMIN COATING*. The International journal of artificial organs 07/2010; 33(7):436-436.

J. Hartmann, K. Strobl, U. Fichtinger, C. Schildboeck, A. Kern, D. Falkenhagen: *IN VITRO CITRATE CLEARANCE IN DIALYSIS*. The International journal of artificial organs 07/2008; 31(7):604-605.

Jens Hartmann, Claudia Schildboeck, Martin Brandl, Dieter Falkenhagen: *Particle Leakage in Extracorporeal Blood Purification Systems Based on Microparticle Suspensions*. Blood Purification 10/2005; 23(4):282-6., DOI:10.1159/000086013

Hartmann, J.; Kendl, C.; Brandl, M.; Falkenhagen, D. (2005). *Particle Leakage in Extracorporeal Blood Purification Systems Based on Microparticle Suspensions*. Blood Purif. 282-286

Hartmann, J.; Brandl, M.; Loth, F.; Kendl, C.; Falkenhagen, D. (2004). *Microparticles in extracorporeal blood purification- a novel device for highly sensitive leakage detection*. Int. J. Artif. Organs, Vol. 27/7: 587