

Curriculum vitae

Mag. Karin Strobl, MSc

Personal Data

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Current Positions

Since 2005 Member of scientific staff

Danube University Krems, Department for Biomedical Research
Krems an der Donau, Austria

Education

1994 –2001 University of Vienna (Masters program Nutrition Science),
Vienna, Austria

2001 Graduation (Magister),

2011-2016 Danube University Krems (Masters's program Clinical Research),
Krems, Austria

2016 Graduation (Master of Science)

Academic and Professional Career

Since 2005 **div. projects in the field of blood purification/citrate
anticoagulation/inflammation**

Since 2009 **Assistence of organisation of university courses**

- MBA Biotech, Pharma & MedTechManagement (since 2017)
- Ernährung und Sport (2012 - 2018)
- Klinische Ernährungsmedizin (2009 - 2018)

Appoval/supervision of Project and Master-Thesis in nutritional field (- 2018)

Danube University Krems, Department for Health Sciences & Biomedicine
Krems an der Donau, Austria

1999 - 2000 **Organisation of library of the Center for Biomedical Technology
Biomedizinische Technologie (1999/2000)**

Danube University Krems, Center for Biomedical Technology, Department for

Health Sciences & Biomedicine

Krems an der Donau, Austria

1998 - 1999 **Bookkeeping of European Society for Artificial Organs (1998 - 1999)**

Danube University Krems, Center for Biomedical Technology, Department for Health Sciences & Biomedicine

Krems an der Donau, Austria

1990 – 1994 **Verrerie Cristallerie d'Arques – Office Austria**

Vienna, Austria

Research Interests

- Citrate anticoagulation
- Extracorporeal blood purification
- Nutrition

Awards

Oct 2007 Award: Innovation Award from the Country of Lower Austria 2007 (Karl Ritter von Ghega Preis)

Memberships in Professional Societies

ESAO European Society of artificial Organs

AKE Arbeitsgemeinschaft Klinische Ernährung

VEÖ Verband der Ernährungswissenschaftler Österreich

Peer-Reviewed Articles

S Harm, C Schildböck, K Strobl, J Hartmann: An in vitro study on factors affecting endotoxin neutralization in human plasma using the Limulus ameocyte lysate test. *Sci Rep* (2021) 11(1): 4192

K Strobl, S Harm, U Fichtinger, C Schildböck, J Hartmann. Impact of anion exchange adsorbents on regional citrate anticoagulation. *Int J Art Org* (2021) 44(3): 149-155.

J Gubensek, K Strobl, S Harm, R Weiss, T Eichhorn, J Buturovic-Ponikvar, V Weber, J Hartmann: Influence of citrate concentration on the activation of blood cells in an in vitro dialysis setup. *PLoS ONE* (2018) 13(6):e0199204.

K Strobl, S Harm, V Weber, J Hartmann: The role of ionized calcium and magnesium in regional citrate anticoagulation and its impact on inflammatory parameters. *Int J Art Org* (2017) 40(1): 15-21.

J Hartmann, K Strobl, D Falkenhagen, S Harm: New Aspects for the Extracorporeal Treatment of Sepsis. *Int J Art Org* (2017) 40(1): 69-74

K Strobl, J Hartmann, M Wallner, M Brandl, D Falkenhagen: A target-oriented algorithm for citrate-calcium anticoagulation in clinical practice, *Blood Purif* (2013) 36:136–145.

J Hartmann, K Strobl, U Fichtinger, C Schildböck, D Falkenhagen: In vitro investigations of citrate clearance with different dialysis filters. *Int J Art Org* (2012) 35:352-359.

M Brandl, K Strobl, J Hartmann, K Kellner, T Posniecek, D Falkenhagen: A target orientated algorithm for local citrate-calcium anticoagulation in extracorporeal therapies *Blood Purif* (2012) 33:7-20.

S Harm, K Strobl, J Hartmann, D Falkenhagen: Alginate-encapsulated human hepatoma C3A cells for use in a bioartificial liver device - the hybrid-MDS. *Int J Art Org* (2009) 32(11): 769-778.

Patent

M Brandl, K Strobl, J Hartmann, D Falkenhagen: Verfahren zum Erfassen der Ionenkonzentration bei Citrat-antikoagulierter extrakorporalen Blutreinigung. Patent WO 2009/026603 vom 05.03.2009.