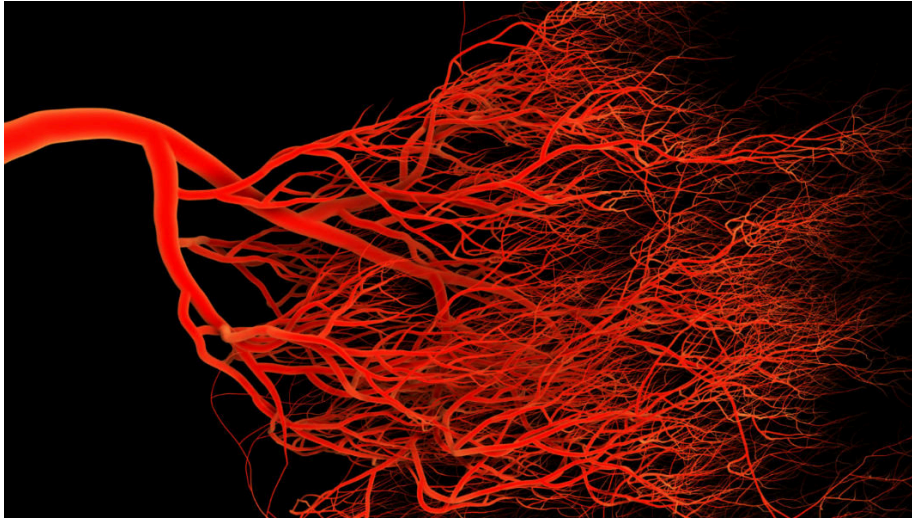


Newsletter of the Vascular Biology Institute – 2024/1



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General news

Johannes Schmid obtained a professorship in the field of Cardiovascular Medicine



[Announcement of the Medical University of Vienna](#)

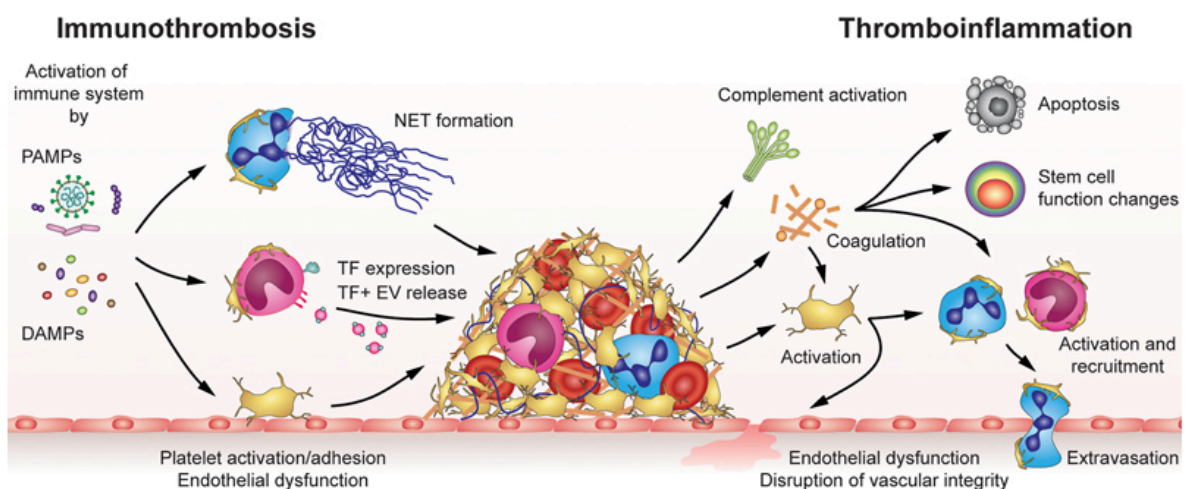
With that we now have 3 newly appointed professors at the Institute!

Assinger/Schrottmaier group

New publications as first or corresponding author

[The Concept of Thromboinflammation.](#)

Schrottmaier WC, Assinger A. Hamostaseologie. 2024 Feb;44(1):21-30. doi: 10.1055/a-2178-6491. Epub 2024 Feb 28. PMID: 38417802

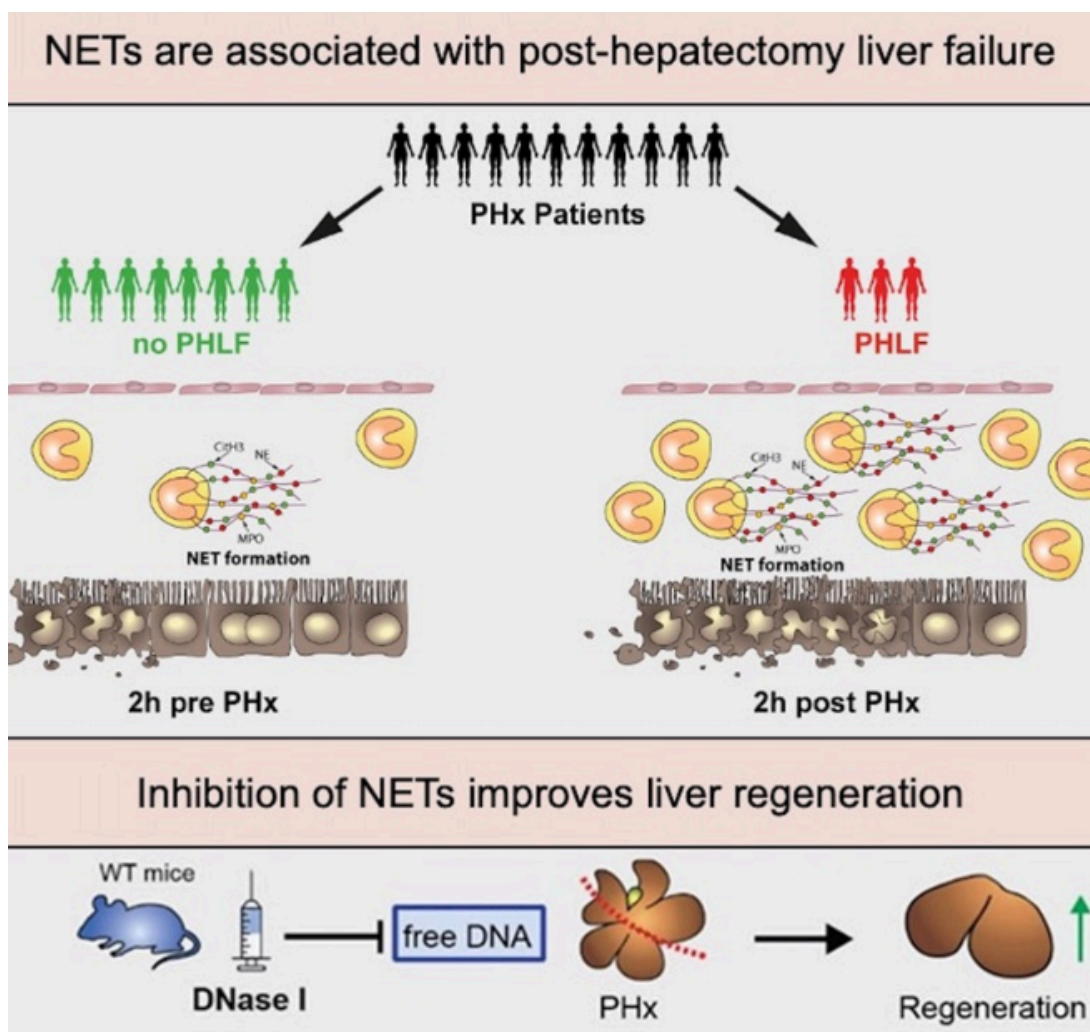


[Editorial: Molecular drivers of immunothrombosis.](#)

Assinger A, Chatterjee M, McFadyen JD. Front Immunol. 2024 Feb 27;15:1385966. doi: 10.3389/fimmu.2024.1385966. eCollection 2024. PMID: 38476225

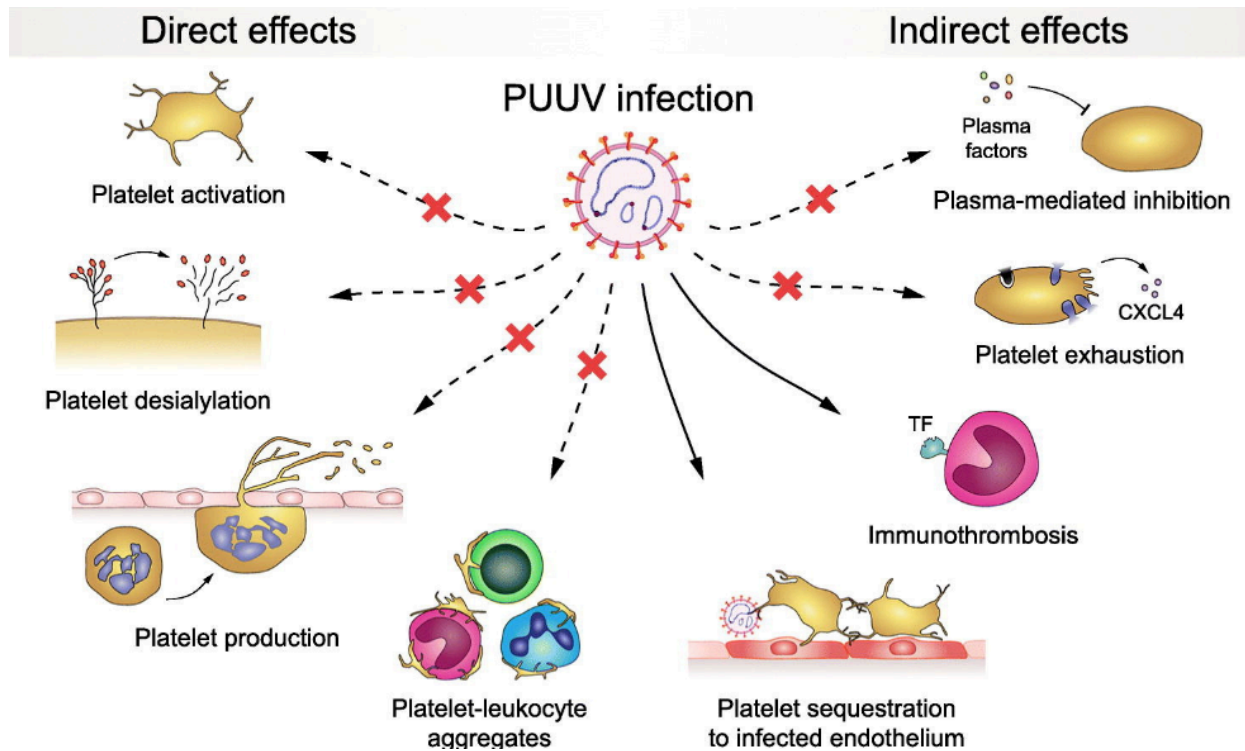
[Intrahepatic neutrophil accumulation and extracellular trap formation are associated with posthepatectomy liver failure.](#)

Brunnthaler L, Pereyra D, Brenner M, Santol J, Herrmann L, Schrottmaier WC, Pirabe A, Schmuckenschlager A, Kim S, Kern AE, Huber FX, Michels LE, Brostjan C, Salzmann M, Hohensinner P, Kain R, Gruenberger T, Starlinger P, Assinger A. Hepatol Commun. 2023 Dec 15;8(1):e0348. doi: 10.1097/HC9.0000000000000348. eCollection 2024 Jan 1. PMID: 38099865



[Direct and indirect effects of Puumala hantavirus on platelet function.](#)

Schrottmaier WC, Schmuckenschlager A, Thunberg T, Wigren-Byström J, Fors-Connolly AM, Assinger A, Ahlm C, Forsell MNE. *Thromb Res.* 2024 Jan;233:41-54. doi: 10.1016/j.thromres.2023.11.017. Epub 2023 Nov 20. PMID: 38006765



[New publications as co-author](#)

[Reduced Monocyte and Neutrophil Infiltration and Activation by P-Selectin/CD62P Inhibition Enhances Thrombus Resolution.](#)

Kral-Pointner JB, Haider P, Szabo PL, Salzmann M, Brekalo M, Schneider KH, Schrottmaier WC, Kaun C, Bleichert S, Kiss A, Sickha R, Hengstenberg C, Huber K, Brostjan C, Bergmeister H, Assinger A, Podesser BK, Wojta J, Hohensinner P. *Arterioscler Thromb Vasc Biol.* 2024 Feb 22. doi: 10.1161/ATVBAHA.123.320016. Online ahead of print. PMID: 38385292

[Coagulation factor XIII is a critical driver of liver regeneration after partial hepatectomy.](#)

Wei Z, Groeneveld DJ, Adelmeijer J, Poole LG, Cline H, Kern AE, Langer B, Brunthaler L, Assinger A, Starlinger P, Lisman T, Luyendyk JP. *J Thromb Haemost.* 2024 Mar;22(3):620-632. doi: 10.1016/j.jtha.2023.11.008. Epub 2023 Nov 24. PMID: 38007060

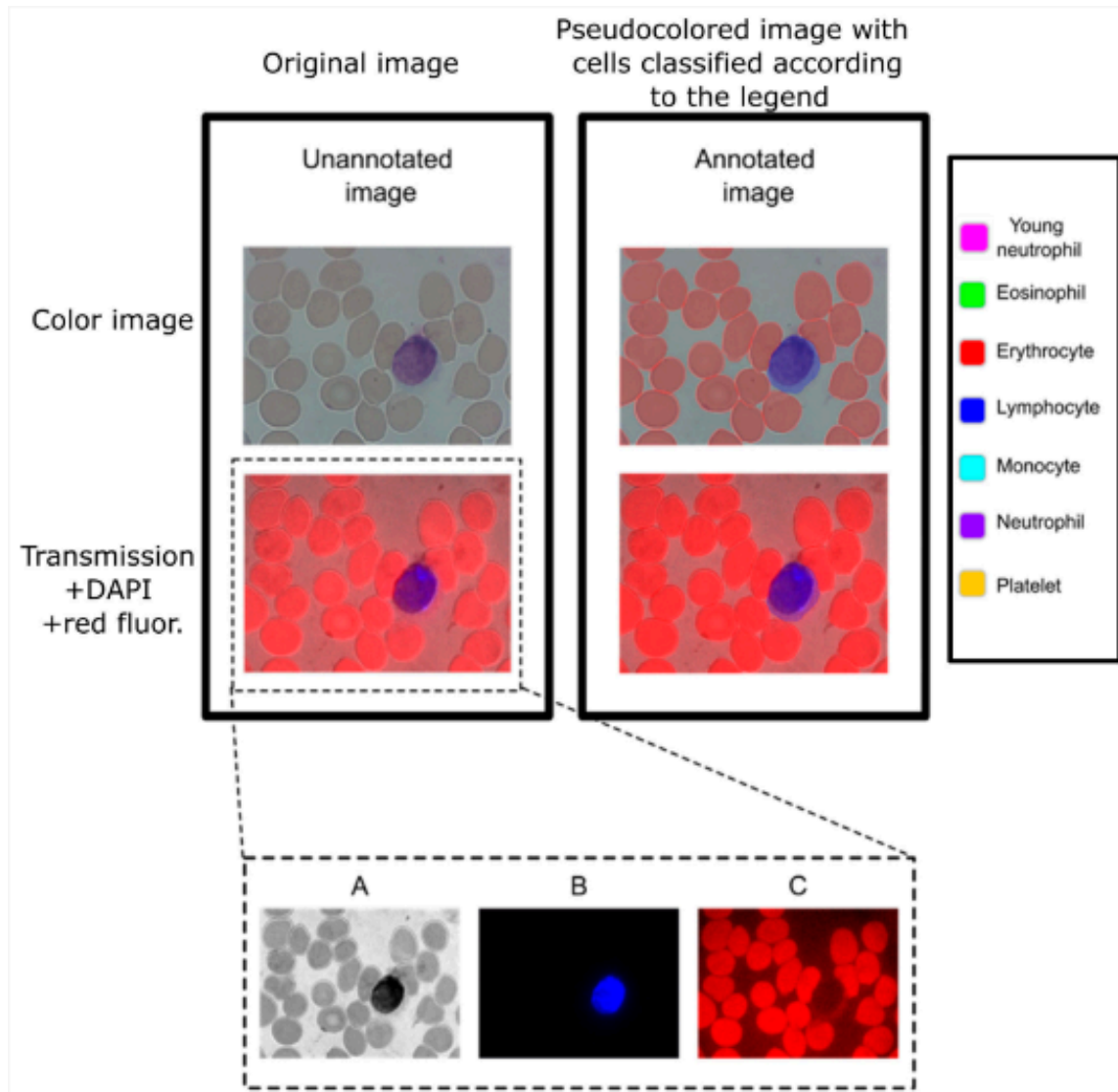
[New team member: Natália Sternická: new master student](#)

Schmid group

New first- / corresponding author publication:

[AI-Enhanced Blood Cell Recognition and Analysis: Advancing Traditional Microscopy with the Web-Based Platform IKOSA](#)

by **Manuel Campos-Medina**, Aiden Blumer, Patrick Kraus-Füreder, Michael Mayrhofer-Reinhartshuber, Philipp Kainz and **Johannes A. Schmid**

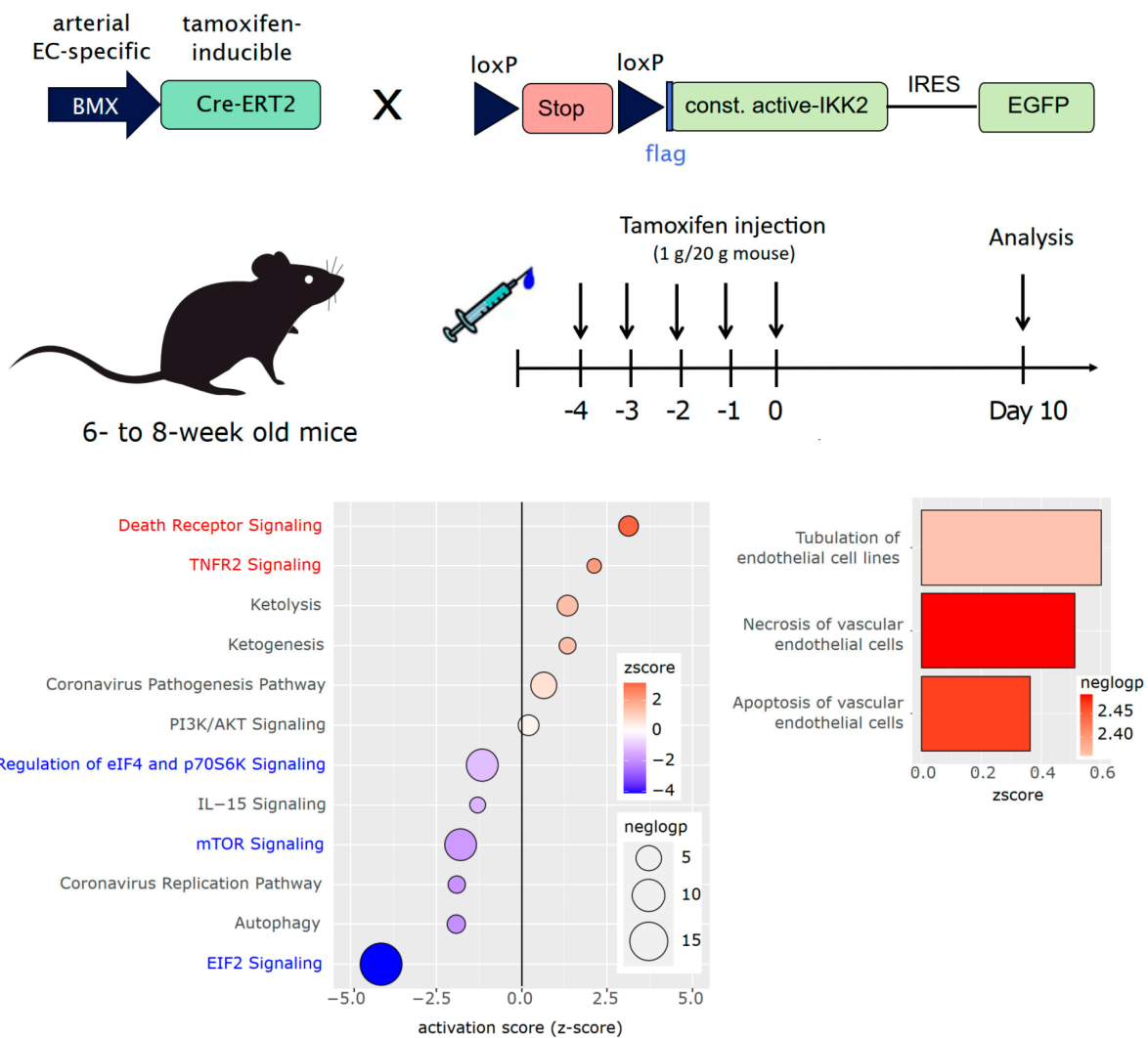


Effects of Chronic Inflammatory Activation of Murine and Human Arterial Endothelial Cells at Normal Lipoprotein and Cholesterol Levels In Vivo and In Vitro

by Marion Mussbacher [#], José Basílio [#], Barbora Belakova, Anita Pirabe, Elisabeth Ableitner, Manuel Campos-Medina and Johannes A. Schmid

[#] equally contributing

Cells 2024, 13(9), 773; <https://doi.org/10.3390/cells13090773>



New publications as co-author

The Proteome of Extracellular Vesicles Released from Pulmonary Microvascular Endothelium Reveals Impact of Oxygen Conditions on Biotrauma.

Schaubmayr W, Hochreiter B, Hunyadi-Gulyas E, Riegler L, Schmidt K, Tiboldi A, Moser B, Klein KU, Krenn K, Scharbert G, Mohr T, **Schmid JA**, Spittler A, Tretter V.

Int J Mol Sci. 2024 Feb 19;25(4):2415. doi: 10.3390/ijms25042415.

Congress contributions

Talk at the AtheroNET COST action meeting in Valencia, Spain:

Network analysis of associations between lifestyle factors and inflammatory processes

New team member: Lucia Camerlenghi



internship student from Trieste

Completed medical diploma thesis: Paul Felix Harbich

Correlations between epigenetics, lifestyle and chronic inflammation

Sharif-group

New funding - and new team member:



Marie Curie Fellowship to Alona Agirre-Lizaso

Basque government sponsored Post-doctoral fellow: starting 1/1/2025 for two years.