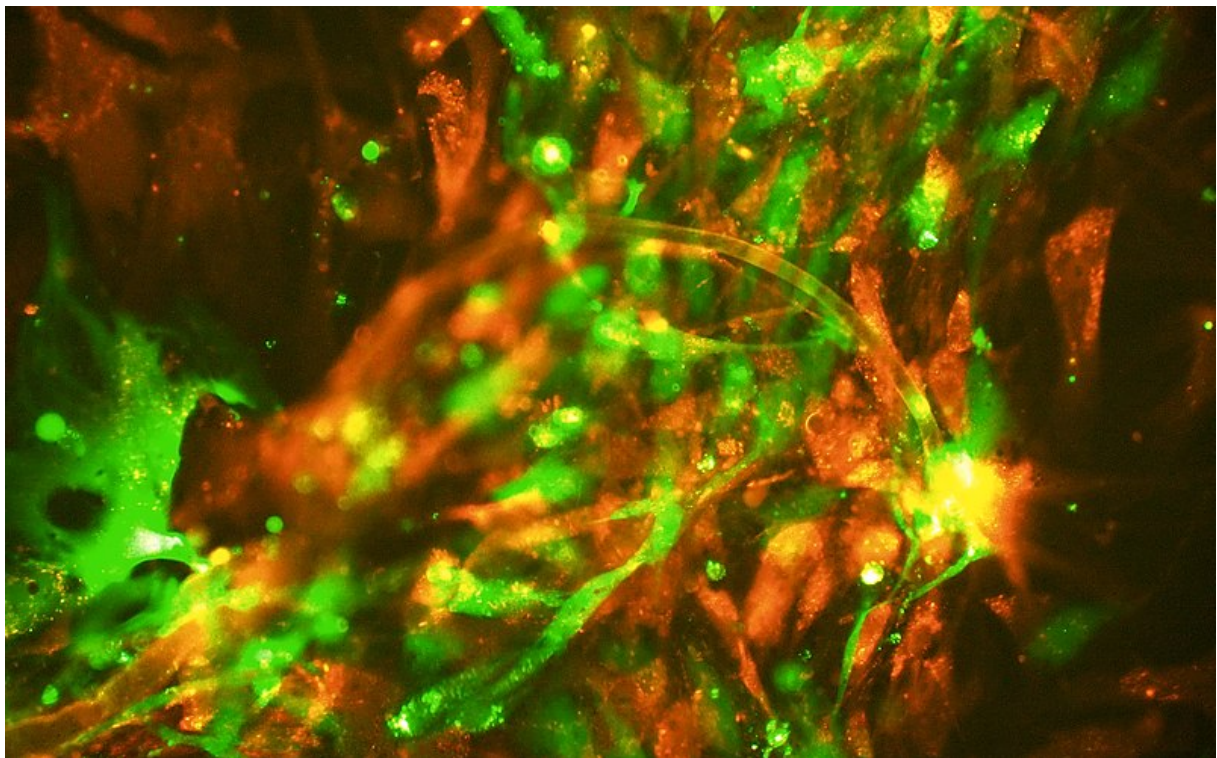


Newsletter of the Vascular Biology Institute – 2023/3

New publications with team members as first- or corresponding author	2
Assinger/Schrottmaier group	2
New publications as co-author	2
Assinger/Schrottmaier group	2
Critical shifts in lipid metabolism promote megakaryocyte differentiation and proplatelet formation	2
Schabbauer group	3
New funding and grants	3
New team members	3
Congress contributions:	3
Zellner group:	3
Assinger/Schrottmaier group:	3



Wiki-Commons: Piotr Cywoniuk

Important News:

Alice Assinger and Gernot Schabbauer have been appointed professors



[Alice Assinger takes over professorship in the subject field Cardiovascular Medicine \(meduniwien.ac.at\)](https://www.meduniwien.ac.at)



[Gernot Schabbauer übernimmt Professur im Fachbereich Immunologie \(meduniwien.ac.at\)](https://www.meduniwien.ac.at)

Congratulations!

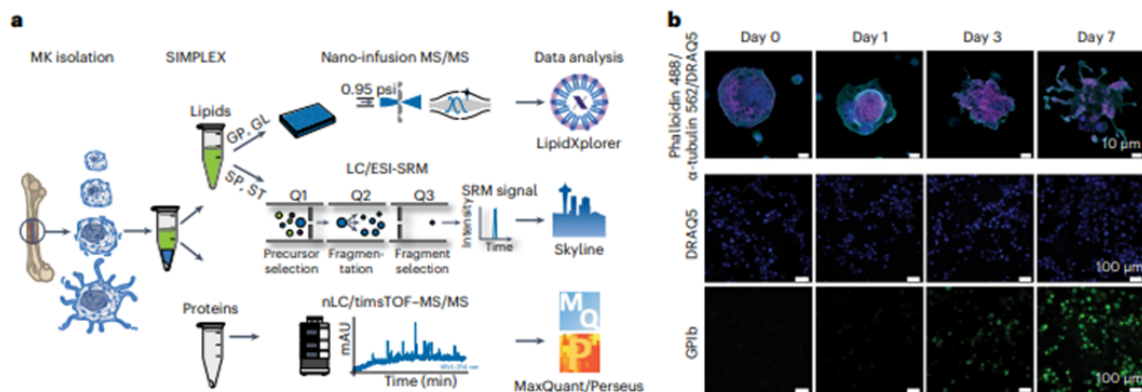
New publications as co-author

Assinger group

Critical shifts in lipid metabolism promote megakaryocyte differentiation and proplatelet formation

Nature Cardiovascular Research <https://www.nature.com/articles/s44161-023-00325-8>

Bianca de Jonckheere, Ferdinand Kollotzek, Patrick Münzer, Vanessa Göb, Melina Fischer, Kristina Mott, Cristina Coman, Nina Nicole Troppmair, Mailin-Christin Manke, Monika Zdanyte, Tobias Harm, Manuel Sigle, Dominik Kopczynski, Andrea Bileck, Christopher Gerner, Nils Hoffmann, David Heinzmann, Alice Assinger, Meinrad Gawaz, David Stegner, Harald Schulze, Oliver Borst & Robert Ahrends



The role of microRNas in the different phases of liver regeneration.

Kern AE, Ortmayr G, Assinger A, Starlinger P.

Expert Rev Gastroenterol Hepatol (IF: 3.514; Q2). 2023 Oct 9. doi: 10.1080/17474124.2023.2267422.

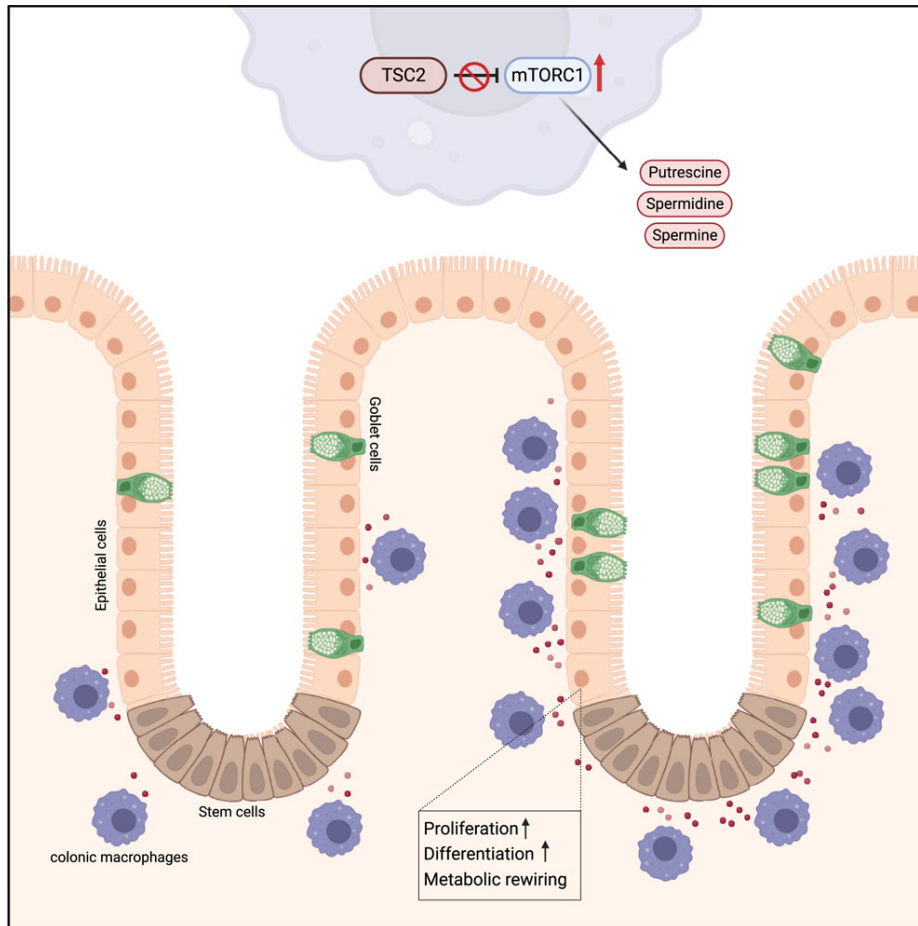
Accurate Sphingolipid Quantification Reducing Fragmentation Bias by Nonlinear Models.

Troppmair N, Kopczynski D, Assinger A, Lehmann R, Coman C, Ahrends R.

Anal Chem (IF: 6.785; Q1). 2023 Oct 2. doi: 10.1021/acs.analchem.3c02445.

Schabbauer group

[Metabolic support by macrophages sustains colonic epithelial homeostasis.](#)



Fritsch SD,
Sukhbaatar N,
Gonzales K, Sahu A,
Tran L, Vogel A, Mazic
M, Wilson JL, Forisch
S, Mayr H, Oberle R,
Weizmann J,
Brenner M,
Vanhoutte R,
Hofmann M,
Pirnes-Karhu S,
Magnes C, Kühnast T,
Weckwerth W, Bock
C, Klavins K,
Hengstschläger M,
Moissl-Eichinger C,
Schabbauer G, Egger
G, Pirinen E, Verhelst
SHL, Weichhart T.
Cell Metab (IF:
[21.567](#); Q1). 2023
Sep

29:S1550-4131(23)00341-8. doi: 10.1016/j.cmet.2023.09.010

New funding and grants

Laura Brunthaler: Award for Scientific Excellence (ECTH 2023)

New team members



Veronika Hörmann (Schmid group):

Bachelor student

Congress contributions:

Assinger/Schrottmaier group:

Oral presentation EUPLAN, Bristol:

Platelet p110B mediates platelet-leukocyte interaction and curtails bacterial dissemination in pneumococcal pneumonia

Waltraud C.
Schrottmaier

Poster presentations, EUPLAN, Bristol:

Impact of fever and acidosis on platelet-mediated thromboinflammation - **Anna Schmuckenschlager**

Characterization of platelet subpopulations in mouse models of regenerative thrombocytopenia
Characterization of platelet subpopulations in mouse models of regenerative thrombocytopenia - **Anita Pirabe**

Oral presentation ECTH, Valencia

OR03-06 – Excessive intrahepatic neutrophil accumulation and extracellular trap formation impedes liver regeneration after partial hepatectomy in mice and humans- **Laura Brunthaler**, Austria

Schmid group:

Oral presentation: Physiologie der Blutgerinnung: Haemostaseologie-Kurs, Okt. 2023, Schönbrunn

Contributions to the scientific community

Schmid:

Evaluation (as panel leader) of the Faculty of Medicine and Dentistry and the Czech Advanced Technology and Research Institute (CATRIN) in Olomouc, Czech Republic.