Newsletter of the Vascular Biology Institute – 2023/2

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New publications with team members as first- or corresponding author

Teams (alphabetically):

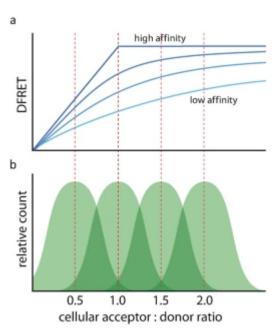
Assinger/Schrottmaier group

Editorial: Platelet and megakaryocyte dysfunctions in infectious diseases.

Assinger A, Capron C, Real F, Bomsel M.

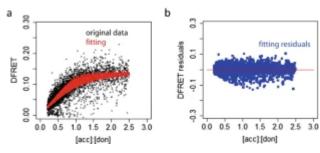
Front Immunol. 2023 Mar 28;14:1175200. doi: 10.3389/fimmu.2023.1175200. eCollection 2023.

Schmid group



Estimating the Interaction Strength Between
PTS1-Peptides and Their Receptor PEX5 in Living
Cells Using Flow-Cytometer-Based FRET
(flowFRET) Measurements.

Hochreiter B, Schmid JA, Berger J, Kunze M. *Methods Mol Biol*. 2023;2643:413-434. doi: 10.1007/978-1-0716-3048-8_30.



Zellner group

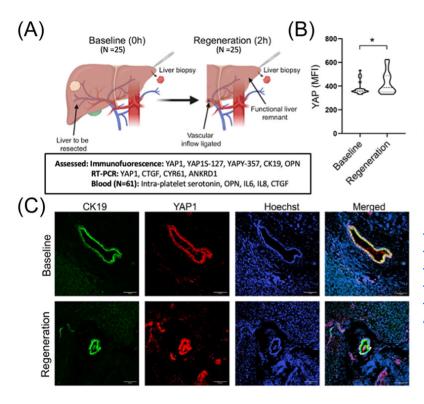
How can platelet proteomics best be used to interrogate disease?

Zellner M.

Platelets. 2023 Dec;34(1):2220046. doi: 10.1080/09537104.2023.2220046.

New publications as co-author

Assinger/Schrottmaier group



Tyrosine phosphorylation of YAP-1 in biliary epithelial cells mediates posthepatectomy liver regeneration and is affected by serotonin Patrick Starlinger, Laura Brunnthaler, Ryan Watkins, David Pereyra, Judith Stift, Michaela Finsterbusch, Jonas Santol, Thomas Gruenberger, Alice Assinger, Rory Smoot, J Cell Biochem

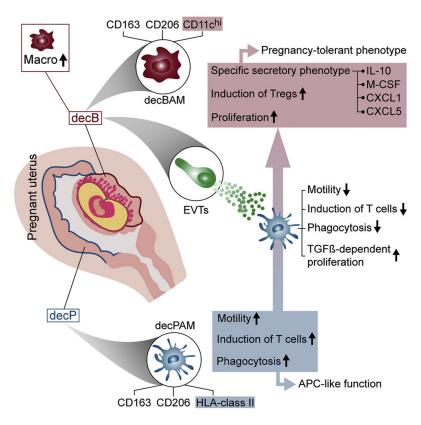
https://doi.org/10.1002/jcb.30398

Elevated plasma complement factor H related 5 protein is associated with venous thromboembolism.

Iglesias MJ, Sanchez-Rivera L, Ibrahim-Kosta M, Naudin C, Munsch G, Goumidi L, Farm M, Smith PM, Thibord F, Kral-Pointner JB, Hong MG, Suchon P, Germain M, Schottmaier W, Dusart P, Boland A, Kotol D, Edfors F, Koprulu M, Pietzner M, Langenberg C, Damrauer SM, Johnson AD, Klarin DM, Smith NL, Smadja DM, Holmström M, Magnusson M, Silveira A, Uhlén M, Renné T, Martinez-Perez A, Emmerich J, Deleuze JF, Antovic J, Soria Fernandez JM, Assinger A, Schwenk JM, Souto Andres JC, Morange PE, Butler LM, Trégouët DA, Odeberg J.

Nat Commun. 2023 Jun 7;14(1):3280. doi: 10.1038/s41467-023-38383-y.

Schabbauer group



The human placenta shapes the phenotype of decidual macrophages.

Vondra S, Höbler AL, Lackner AI, Raffetseder J, Mihalic ZN, Vogel A, Saleh L, Kunihs V, Haslinger P, Wahrmann M, Husslein H, Oberle R, Kargl J, Haider S, Latos P, Schabbauer G, Knöfler M, Ernerudh J, Pollheimer J. **Cell Rep.** 2023 Jan 31;42(1):111977.

New funding and grants

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Crosstalk of PI3K signaling & SIGN-R1 in auto-immunity: 345.000€

New team members

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Hon Lam (PhD student) and Klara Culli (Masters student)





Congress contributions:

Zellner group:

ISTH 2023:

