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Composition and function of integrin adhesions

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CURRICULUM VITAE

Alba Zuidema was born on the 6th of September 1991 in Utrecht, The Netherlands. She completed her secondary education at Revis Lyceum in Doorn in 2009 and started with her bachelors studies in Molecular Life Sciences at the Radboud University in Nijmegen. In 2012, Alba started her masters in Molecular Mechanisms of Disease at the Radboud University, from which she graduated cum laude in 2014. During her studies Alba interned in the laboratories of Prof. dr. ir. Jan van Hest (Radboud University, Nijmegen; Bio-organic Chemistry), Prof. dr. Robert Sauerwein (Radboudumc, Nijmegen; Medical Microbiology), and Prof. dr. Peter Friedl (MD Anderson Cancer Center, Houston; Genitourinary Medical Oncology), where she worked on artificial cells, malaria infections, and cancer cell migration, respectively. In 2015, Alba joined the group of Prof. dr. Arnoud Sonnenberg at the Netherlands Cancer Institute in Amsterdam as a graduate student to characterize novel integrin-binding proteins identified by BioID. Since 2021, Alba has been working as a teacher for School at Sea.

LIST OF PUBLICATIONS

Zuidema A, Atherton P, Kreft M, Hoekman L, Bleijerveld OB, Nagaraj N, Chen N, Fässler R, Sonnenberg A. *PEAK1 Y635 phosphorylation regulates cell migration through association with Tensin3 and integrins*. J Cell Biol. 2022 Aug 1;221(8):e202108027.

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*Authors contributed equally

Zuidema A, Wang W, Sonnenberg A. *Crosstalk between Cell Adhesion Complexes in Regulation of Mechanotransduction*. Bioessays. 2020 Nov;42(11):e2000119.

Wang W, **Zuidema A**, Te Molder L, Nahidiazar L, Hoekman L, Schmidt T, Coppola S, Sonnenberg A. *Hemidesmosomes modulate force generation via focal adhesions*. J Cell Biol. 2020 Feb 3;219(2):e201904137.

Zuidema A, Wang W, Kreft M, Te Molder L, Hoekman L, Bleijerveld OB, Nahidiazar L, Janssen H, Sonnenberg A. *Mechanisms of integrin $\alpha V\beta 5$ clustering in flat clathrin lattices*. J Cell Sci. 2018 Nov 5;131(21):jcs221317.

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