


# Publications from this research unit

This page shows only publications with IRC as the affiliation of at least one author.

Publications by IRC members mentioning other affiliations are not in our database. Sorry.

See "Extra muros" papers of the units.

For copyright reasons, PDF-versions of our publications are available on the intranet only (login required ). If you would like to receive a reprint of an IRC paper, please copy/paste the reference in the

[reprint request form](#) 

---

Afonina, IS, Van Nuffel, E, Beyaert, R.

**Immune responses and therapeutic options in psoriasis**

**Cell Mol Life Sci** 78, 2709–2727, 2021. (Epub 2021 Jan 2)



Staal, J, Driège, Y, Haegman, M, Kreike, M, Iliaki, S, Vanneste, D, Lork, M, Afonina, IS, Braun, H, Beyaert, R.

**Defining the combinatorial space of PKC::CARD-CC signal transduction nodes**

**FEBS J** 288, 1630-1647, 2021. (Epub 2020 Aug 13)



Van Hove, I, Van Bergen, T, Etienne, I, Holgado, A, Afonina, IS, Beyaert, R, Feyen, JH, Hu, TT.

**IL-33trap-mediated IL-33 neutralization does not exacerbate choroidal neovascularization, but fails to protect against retinal degeneration in a dry age-related macular degeneration model**

**Exp Eye Res** 207, 108608, 2021. (Epub 2021 Apr 27)



Holgado, A, Braun, H, Verstraete, K, Vanneste, D, Callewaert, N, Savvides, SN, Afonina, IS, Beyaert, R.

**Single-Chain Soluble Receptor Fusion Proteins as Versatile Cytokine Inhibitors**

**Front Immunol** 11, 1422, 2020. (Epub 2020 Jul 13)



Van Nuffel, E, Staal, J, Baudelet, G, Haegman, M, Driège, Y, Hochepped, T, Afonina, IS, Beyaert, R.

**MALT1 targeting suppresses CARD14-induced psoriatic dermatitis in mice**

**EMBO Rep** 21, e49237, 2020. (Epub 2020 Apr 28)



Holgado, A, Braun, H, Van Nuffel, E, Detry, S, Schuijs, MJ, Deswarte, K, Vergote, K, Haegman, M, Baudelet, G, Haustraete, J, Hammad, H, Lambrecht, BN, Savvides, SN, Afonina, IS, Beyaert, R.

**IL-33trap is a novel IL-33 neutralizing biologic that inhibits allergic airway inflammation**

**J Allergy Clin Immunol** 144, 204-215, 2019. (Epub 2019 Mar 12)



Borghini, A, Haegman, M, Fischer, R, Carpentier, I, Bertrand, MJM, Libert, C, Afonina, IS, Beyaert, R.

**The E3 ubiquitin ligases HOIP and cIAP1 are recruited to the TNFR2 signaling complex and mediate TNFR2-induced canonical NF-kappaB signaling**

**Biochem Pharmacol** 153, 292-298, 2018. (Epub 2018 Jan 26)



Braun, H, Afonina, IS, Mueller, C, Beyaert, R.

**Dichotomous function of IL-33 in health and disease: from biology to clinical implications**

**Biochem Pharmacol** 148, 238-252, 2018. (Epub 2018 Jan 5)



Meloni, L, Verstrepen, L, Kreike, M, Staal, J, Driège, Y, Afonina, IS, Beyaert, R.

**Mepazine Inhibits RANK-Induced Osteoclastogenesis Independent of Its MALT1 Inhibitory Function**

**Molecules** 23, 3144, 2018. (Epub 2018 Nov 30)



Van Nuffel, E, Afonina, IS, Beyaert, R.

**Psoriasis Plays a Wild CARD**

**J Invest Dermatol** 138, 1903-1905, 2018. (Epub 2018 Aug 22)



Afonina, IS, Zhong, Z, Karin, M, Beyaert, R.

**Limiting inflammation-the negative regulation of NF-kappaB and the NLRP3 inflammasome**

**Nat Immunol** 18, 861-869, 2017. (Epub 2017 Jul 19)



Van Nuffel, E, Schmitt, A, Afonina, IS, Schulze-Osthoff, K, Beyaert, R, Hailfinger, S.

**CARD14-Mediated Activation of Paracaspase MALT1 in Keratinocytes: Implications for Psoriasis**

**J Invest Dermatol** 137, 569-575, 2017. (Epub 2016 Dec 8)



Afonina, IS, Beyaert, R.

**Trabid epigenetically drives expression of IL-12 and IL-23**

**Nat Immunol** 17, 227-228, 2016. (Epub 2016 Feb 16)



Afonina, IS, Van Nuffel, E, Baudelet, G, Driège, Y, Kreike, M, Staal, J, Beyaert, R.

**The paracaspase MALT1 mediates CARD14-induced signaling in keratinocytes**

**EMBO Rep** 17, 914-927, 2016. (Epub 2016 Apr 25)



Henry, CM, Sullivan, GP, Clancy, DM, Afonina, IS, Kulms, D, Martin, SJ.

**Neutrophil-Derived Proteases Escalate Inflammation through Activation of IL-36 Family Cytokines**

**Cell Rep** 14, 708-722, 2016. (Epub 2016 Jan 13)



Afonina, IS, Elton, L, Carpentier, I, Beyaert, R.

**MALT1 - a universal soldier: multiple strategies to ensure NF-kappaB activation and target gene expression**

**FEBS J** 282, 3286-3297, 2015. (Epub 2015 May 21)



Afonina, IS, Muller, C, Martin, SJ, Beyaert, R.

**Proteolytic Processing of Interleukin-1 Family Cytokines: Variations on a Common Theme**

**Immunity** 42, 991-1004, 2015. (Epub 2015 Jun 16)



Luthi, AU, Cullen, SP, McNeela, EA, Duriez, PJ, Afonina, IS, Sheridan, C, Brumatti, G, Taylor, RC, Kersse, K, Vandenabeele, P, Lavelle, EC, Martin, SJ.

**Suppression of Interleukin-33 bioactivity through proteolysis by apoptotic caspases**

**Immunity** 31, 84-98, 2009. (Epub 2009 Jun 24)



[Back to previous page](#)

[Export in CSV](#)

[To top](#)

## What do these icons mean?



[pdf file \(800 kb\)](#)