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## Publications clés

Année de publication : 2020

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Pace L1, Amigorena S2. (2020 Feb 14)

**Epigenetics of T cell fate decision.**

*Current opinion in immunology* : 63 : Curr Opin Immunol. 2020 Feb 14;63:43-50. doi:

10.1016/j.coi.2020.01.002. [Epub ahead of print] : 43,50 : [DOI : 10.1016/j.coi.2020.01.002](https://doi.org/10.1016/j.coi.2020.01.002)

Année de publication : 2019

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Gehrmann U1,2, Burbage M3, Zueva E3, Goudot C3, Esnault C4, Ye M3, Carpié JM3, Burgdorf N3, Hoyler T3, Suarez G3, Joannas L3, Heurtebise-Chrétien S3, Durand S5,6, Panes R7,8, Bellemare-Pelletier A8, Sáez PJ3, Aprahamian F5,6, Lefevre D5,6, Adoue V9, Zine El Aabidine A4, Muhammad Ahmad M4, Hivroz C3, Joffre O10, Cammas F11,12, Kroemer G5,6,13,14,15, Gagnon E7,8, Andrau JC4, Amigorena S1. (2019 Dec 17)

**Critical role for TRIM28 and HP1 $\beta/\gamma$  in the epigenetic control of T cell metabolic reprogramming and effector differentiation.**

*Proceedings of the National Academy of Sciences* : 116 : Proc Natl Acad Sci U S A. 2019 Dec

17;116(51):25839-25849. doi: 10.1073/pnas.1901639116. Epub 2019 Nov 27. : 25839,25849 :

[DOI : 10.1073/pnas.1901639116](https://doi.org/10.1073/pnas.1901639116)

Gehrmann U1,2, Burbage M3, Zueva E3, Goudot C3, Esnault C4, Ye M3, Carpié JM3, Burgdorf N3, Hoyler T3, Suarez G3, Joannas L3, Heurtebise-Chrétien S3, Durand S5,6, Panes R7,8, Bellemare-Pelletier A8, Sáez PJ3, Aprahamian F5,6, Lefevre D5,6, Adoue V9, Zine El Aabidine A4, Muhammad Ahmad M4, Hivroz C3, Joffre O10, Cammas F11,12, Kroemer G5,6,13,14,15, Gagnon

E7,8, Andrau JC4, Amigorena S1. (2019 Dec 17)

**Critical role for TRIM28 and HP1 $\beta$ / $\gamma$  in the epigenetic control of T cell metabolic reprogramming and effector differentiation.**

*Proceedings of the National Academy of Sciences* : 116 : Proc Natl Acad Sci U S A. 2019 Dec 17;116(51):25839-25849. doi: 10.1073/pnas.1901639116. Epub 2019 Nov 27. : 25839,25849 : DOI : [10.1073/pnas.1901639116](https://doi.org/10.1073/pnas.1901639116)

Kondratova M1, Czerwinska U1,2, Sompairac N1,2, Amigorena SD3, Soumelis V3, Barillot E1, Zinovyev A1, Kuperstein I4. (2019 Oct 22)

**A multiscale signalling network map of innate immune response in cancer reveals cell heterogeneity signatures.**

*Nature communications* : 10 : Nat Commun. 2019 Oct 22;10(1):4808. doi: 10.1038/s41467-019-12270-x. : 4808 : DOI : [10.1038/s41467-019-12270-x](https://doi.org/10.1038/s41467-019-12270-x)

Année de publication : 2017

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Goudot C1, Coillard A1, Villani AC2, Gueguen P1, Cros A1, Sarkizova S3, Tang-Huau TL4, Bohec M5, Baulande S5, Hacohen N2, Amigorena S1, Segura E6. (2019 Sep 19)

**Aryl Hydrocarbon Receptor Controls Monocyte Differentiation into Dendritic Cells versus Macrophages.**

*Immunity* : 47 : Immunity. 2017 Sep 19;47(3):582-596.e6. doi: 10.1016/j.immuni.2017.08.016. : 582,596 : DOI : [10.1016/j.immuni.2017.08.016](https://doi.org/10.1016/j.immuni.2017.08.016)

Année de publication : 2019

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Mélanie Durand, Thomas Walter, Tiphène Pirnay, Thomas Naessens, Paul Gueguen, Christel Goudot, Sonia Lameiras, Qing Chang, Nafiseh Talaei, Olga Ornatsky, Tatiana Vassilevskaia, Sylvain Baulande, Sebastian Amigorena, Elodie Segura (2019 May 11)

**Human lymphoid organ cDC2 and macrophages play complementary roles in T follicular helper responses.**

*The Journal of experimental medicine* : DOI : [jem.20181994](https://doi.org/10.1083/jem.20181994)

Année de publication : 2018

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Paula Michea, Floriane Noël, Eve Zakine, Urszula Czerwinska, Philémon Sirven, Omar Abouzeid, Christel Goudot, Alix Scholer-Dahirel, Anne Vincent-Salomon, Fabien Reyat, Sebastian Amigorena, Maude Guillot-Delost, Elodie Segura, Vassili Soumelis (2018 Jul 18)

**Adjustment of dendritic cells to the breast-cancer microenvironment is subset specific.**

*Nature immunology* : 885-897 : DOI : [10.1038/s41590-018-0145-8](https://doi.org/10.1038/s41590-018-0145-8)

Luigia Pace, Christel Goudot, Elina Zueva, Paul Gueguen, Nina Burgdorf, Joshua J. Waterfall, Jean-

Pierre Quivy, Geneviève Almouzni, Sebastian Amigorena (2018 Jan 12)

**The epigenetic control of stemness in CD8+ T cell fate commitment**

*Science* : 359 : 177-186 : [DOI : 10.1126/science.aah6499](https://doi.org/10.1126/science.aah6499)

Année de publication : 2017

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Christel Goudot, Alice Coillard, Alexandra-Chloé Villani, Paul Gueguen, Adeline Cros, Siranush Sarkizova, Tsing-Lee Tang-Huau, Mylène Bohec, Sylvain Baulande, Nir Hacohen, Sebastian Amigorena, Elodie Segura (2017 Sep 21)

**Aryl Hydrocarbon Receptor Controls Monocyte Differentiation into Dendritic Cells versus Macrophages.**

*Immunity* : 582-596.e6 : [DOI : S1074-7613\(17\)30374-6](https://doi.org/10.1016/j.immuni.2017.08.006)

Andrés Alloatti, Derek C Rookhuizen, Leonel Joannas, Jean-Marie Carpier, Salvador Iborra, Joao G Magalhaes, Nader Yatim, Patrycja Kozik, David Sancho, Matthew L Albert, Sebastian Amigorena (2017 Jul 1)

**Critical role for Sec22b-dependent antigen cross-presentation in antitumor immunity.**

*The Journal of experimental medicine* : 2231-2241 : [DOI : 10.1084/jem.20170229](https://doi.org/10.1084/jem.20170229)

Cerboni S, Jeremiah N, Gentili M, Gehrmann U, Conrad C, Stolzenberg MC, Picard C, Neven B, Fischer A, Amigorena S, Rieux-Laucat F, Manel N (2017 May 8)

**Intrinsic antiproliferative activity of the innate sensor STING in T lymphocytes**

*The Journal of Experimental Medicine* : [DOI : 10.1084/jem.20161674](https://doi.org/10.1084/jem.20161674)

Année de publication : 2012

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Luigia Pace, Andy Tempez, Catharina Arnold-Schrauf, Fabrice Lemaitre, Philippe Bousso, Luc Fetler, Tim Sparwasser, Sebastian Amigorena (2012 Nov 1)

**Regulatory T cells increase the avidity of primary CD8+ T cell responses and promote memory.**

*Science (New York, N.Y.)* : 532-6 : [DOI : 10.1126/science.1227049](https://doi.org/10.1126/science.1227049)

Olivier P Joffre, Elodie Segura, Ariel Savina, Sebastian Amigorena (2012 Jul 13)

**Cross-presentation by dendritic cells.**

*Nature reviews. Immunology* : 557-69 : [DOI : 10.1038/nri3254](https://doi.org/10.1038/nri3254)

Elodie Segura, Maxime Touzot, Armelle Bohineust, Antonio Cappuccio, Gilles Chiochia, Anne Hosmalin, Marc Dalod, Vassili Soumelis, Sebastian Amigorena (2012 May 11)

**Human inflammatory dendritic cells induce Th17 cell differentiation.**

*Immunity* : 336-48 : [DOI : 10.1016/j.immuni.2012.10.018](https://doi.org/10.1016/j.immuni.2012.10.018)

**Année de publication : 2011**

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Ignacio Cebrian, Geraldine Visentin, Nicolas Blanchard, Mabel Jouve, Alexandre Bobard, Catarina Moita, Jost Enninga, Luis F Moita, Sebastian Amigorena, Ariel Savina (2011 May 17)

**Sec22b regulates phagosomal maturation and antigen crosspresentation by dendritic cells.**

*Cell* : 1355-68 : [DOI : 10.1016/j.cell.2011.11.021](https://doi.org/10.1016/j.cell.2011.11.021)

**Année de publication : 2009**

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Matias Ostrowski, Nuno B Carmo, Sophie Krumeich, Isabelle Fanget, Graça Raposo, Ariel Savina, Catarina F Moita, Kristine Schauer, Alistair N Hume, Rui P Freitas, Bruno Goud, Philippe Benaroch, Nir Hacohen, Mitsunori Fukuda, Claire Desnos, Miguel C Seabra, François Darchen, Sebastian Amigorena, Luis F Moita, Clotilde Thery (2009 Aug 14)

**Rab27a and Rab27b control different steps of the exosome secretion pathway.**

*Nature cell biology* : 19-30; sup pp 1-13 : [DOI : 10.1038/ncb2000](https://doi.org/10.1038/ncb2000)