

Carissime/i

Ciriana Orabona, Francesca Fallarino, Claudia Volpi, Maria Teresa Pallotta, Giada Mondanelli, Giorgia Manni e Marco Gargaro propongono:

Apollo Stacy *et al.* 'Infection trains the host for microbiota-enhanced resistance to pathogens'. *Cell* 184, 1–13, February 4, 2021 <https://doi.org/10.1016/j.cell.2020.12.011>

Michael Platten, Ellen AA Nollen, Ute F Rohing, Francesca Fallarino, Cristiane A Optiz. 'Tryptophan metabolism as a common therapeutic target in cancer, neurodegeneration and beyond' *Nature Reviews Drug Discovery*, volume 18, MAY 2019. <https://doi.org/10.1038/s41573-019-0016-5>

Inoltre, ci rendono noto Ciriana Orabona, Claudia Volpi e Giada Mondanelli che saranno editor di uno special issue dal titolo: "Decoding the Complex Crossroad of Tryptophan Metabolic Pathways" (vedi allegato).

Chi fosse interessato e' ovviamente invitato a contribuire.

Paola Di Cicco propone:

Innamarato P, Asby S, Morse J, Mackay A, Hall M, Kidd S, Nagle L, Sarnaik AA, Pilon-Thomas S. Intratumoral Activation of 41BB Costimulatory Signals Enhances CD8 T Cell Expansion and Modulates Tumor-Infiltrating Myeloid Cells. *J Immunol.* 2020 Nov 15;205(10):2893-2904. doi: 10.4049/jimmunol.2000759. Epub 2020 Oct 5. PMID: 33020146; PMCID: PMC7741883.

Young TM, Reyes C, Pasnikowski E, Castanaro C, Wong C, Decker CE, Chiu J, Song H, Wei Y, Bai Y, Zambrowicz B, Thurston G, Daly C. Autophagy protects tumors from T cell-mediated cytotoxicity via inhibition of TNF α -induced apoptosis. *Sci Immunol.* 2020 Dec 18;5(54):eabb9561. doi: 10.1126/sciimmunol.abb9561. PMID: 33443027.

Domenico Delfino, Sabrina Adorisio e Isabella Muscari propongono:

Zhejie Chen, Lijuan Liu, Caifang Gao, Weijie Chen, Chi Teng Vong, Peifen Yao, Yuhan Yang, Xiuzhu Li, Xudong Tang, Shengpeng Wang, Yitao Wang, *Astragali Radix (Huangqi): A promising edible immunomodulatory herbal medicine*, *Journal of Ethnopharmacology*, Volume 258, 2020, 112895, ISSN 0378-8741, <https://doi.org/10.1016/j.jep.2020.112895>.

Ge, Chenliang, and Yan He. "In Silico Prediction of Molecular Targets of Astragaloside IV for Alleviation of COVID-19 Hyperinflammation by Systems Network Pharmacology and Bioinformatic Gene Expression Analysis." *Frontiers in pharmacology* vol. 11 556984. 16 Sep. 2020, doi:10.3389/fphar.2020.556984

Inoltre, altre proposte:

Diwakar Davar et al. Fecal microbiota transplant overcomes resistance to anti-PD-1 therapy in melanoma patients

Science Vol. 371, Issue 6529, pp. 595-602, 5 February 2021

DOI: 10.1126/science.abf3363

Ewen Callaway & Heidi Ledford. How to redesign COVID vaccines so they protect against variants.

Lineages that can evade immunity are spurring vaccine makers to explore ways to redesign their shots.

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Un caro saluto,
Carlo

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