

DIRECTOR OF IMG CORDIALLY CONGRATULATES

recipients of the **IMG Director's Award** for the best IMG papers in 2020:

1st position:

Vobořil M, Brabec T, Dobeš J, Šplíchalová I, Březina J, Čepková A, Dobešová M, Aidarova A, Kubovčík J, Tsyklauri O, Štěpánek O, Beneš V, Sedláček R, Klein L, Kolář M, Filipp D: Toll-like receptor signaling in thymic epithelium controls monocyte-derived dendritic cell recruitment and Treg generation. **Nat Commun** 2020 **11(1)**: 2361. doi: [10.1038/s41467-020-16081-3](https://doi.org/10.1038/s41467-020-16081-3).

THE FINANCIAL REWARD OF THE AUTHORS IS 80.000,- CZK (JOINTLY).

2nd position:

Koslová A, Trefil P, Mucksová J, Reinišová M, Plachý J, Kalina J, Kučerová D, Geryk J, Krchlíková V, Lejčková B, Hejnar J: Precise CRISPR/Cas9 editing of the NHE1 gene renders chickens resistant to the J subgroup of avian leukosis virus. **Proc Natl Acad Sci U S A** 2020 **117(4)**: 2108-2112. doi: [10.1073/pnas.1913827117](https://doi.org/10.1073/pnas.1913827117).

THE FINANCIAL REWARD OF THE AUTHORS IS 60.000,- CZK (JOINTLY).

Shared 3rd position:

Danek P, Kardosova M, Janeckova L, Karkoulia E, Vanickova K, Fabisik M, Lozano Asencio C, Benoukraf T, Tirado-Magallanes R, Zhou Q, Burocziova M, Rahmatova S, Pytlik R, Brdicka T, Tenen DG, Korinek V, Alberich Jorda M: β -catenin-TCF/LEF signaling promotes steady-state and emergency granulopoiesis via G-CSF receptor upregulation. **Blood** 2020 **136(22)**: 2574-2587. doi: [10.1182/blood.2019004664](https://doi.org/10.1182/blood.2019004664).

Hanzlikova H, Prokhorova E, Krejčikova K, Cihlarova Z, Kalasova I, Kubovciak J, Sachova J, Hailstone R, Brazina J, Ghosh S, Cirak S, Gleeson JG, Ahel I, Caldecott KW: Pathogenic ARH3 mutations result in ADP-ribose chromatin scars during DNA strand break repair. **Nat Commun** 2020 **11(1)**: 3391. doi: [10.1038/s41467-020-17069-9](https://doi.org/10.1038/s41467-020-17069-9).

THE FINANCIAL REWARD OF THE AUTHORS IS 40.000,- CZK (JOINTLY).

The papers were selected by the IMG Council. The financial rewards are paid from the estate of former IMG Director **Josef Říman**.

(Posted: March 23, 2021)