

Recent Top 10

1. Iftekhar A, Berger H, Bouznad N, Heuberger J, Boccellato F, Dobrindt U, Hermeking H, Sigal M and Meyer TF. **Genomic aberrations after short-term exposure to colibactin-producing E. coli transform primary colon epithelial cells.** Nature Communications (2021)
2. Chumduri C, Gurumurthy RK, Berger H, Dietrich O, Kumar N, Koster S, Brinkmann V, Hoffmann K, Drabkina M, Arampatzi P, Son D, Klemm U, Mollenkopf HJ, Herbst H, Mangler M, Vogel J, Saliba AE and Meyer TF. **Opposing Wnt signals regulate cervical squamocolumnar homeostasis and emergence of metaplasia.** Nature Cell Biology (2021)
3. Dziubańska-Kusibab PJ, Berger H, Battistini F, Bouwman BAM, Iftekhar A, Katainen R, Cajuso T, Crosetto N, Orozco M, Aaltonen LA and Meyer TF. **Colibactin DNA damage signature indicates mutational impact in colorectal cancer.** Nature Medicine (2020)
4. Sigal M, Reines MdM, Müllerke S, Fischer C, Kapalczynska M, Berger H, Bakker ERM, Mollenkopf H-J, Rothenberg ME, Wiedenmann B, Sauer S and Meyer TF. **R-spondin-3 induces secretory, antimicrobial Lgr5+ cells in the stomach.** Nature Cell Biology (2019)
5. Pfannkuch L, Hurwitz R, Traulsen J, Sigulla J, Poeschke M, Matzner L, Kosma P, Schmid M and Meyer TF. **ADP heptose, a novel pathogen-associated molecular pattern identified in Helicobacter pylori.** FASEB J (2019)
6. Boccellato F, Woelffling S, Imai-Matsushima A, Sanchez G, Goosmann C, Schmid M, Berger H, Morey P, Denecke C, Ordemann J and Meyer TF. **Polarised epithelial monolayers of the gastric mucosa reveal insights into mucosal homeostasis and defence against infection.** Gut (2018)
7. Morey P, Pfannkuch L, Pang E, Boccellato F, Sigal M, Imai-Matsushima A, Dyer V, Koch M, Mollenkopf H-J, Schlaermann P, Meyer TF. **Helicobacter pylori Depletes Cholesterol in Gastric Glands to Prevent Interferon gamma Signaling and Escape the Inflammatory Response.** Gastroenterology (2017)
8. Zimmermann S, Pfannkuch L, Al-Zeer MA, Bartfeld S, Koch M, Liu J, Rechner C, Soerensen M, Sokolova O, Zamyatina A, Kosma P, Maurer A P, Glowinski F, Pleissner K P, Schmid M, Brinkmann V, Karlas A, Naumann M, Rother M, Machuy N and Meyer TF. **ALPK1- and TIFA-Dependent Innate Immune Response Triggered by the Helicobacter pylori Type IV Secretion System.** Cell Reports (2017)
9. Sigal M, Logan CY, Kapalczynska M, Mollenkopf H-J, Berger H, Wiedenmann B, Nusse R, Amieva MR and Meyer TF. **Stromal R-spondin orchestrates gastric epithelial stem cells and gland homeostasis.** Nature (2017)
10. Schlaermann P, Toelle B, Berger H, Schmidt SC, Glanemann M, Ordemann J, Bartfeld S, Mollenkopf HJ and Meyer TF. **A novel human gastric primary cell culture system for modelling Helicobacter pylori infection in vitro.** Gut (2016)