

Plenary Posters

Board

- P1** **Nicole Froelich**, *Developmental control of the vitamin D receptor in T cells.*
- P5** **Megan Rodgers**, *Early vitamin D sufficiency is associated with long term neurodevelopmental improvements in 4-6 year old children.*
- P6** **Thomas Lisse**, *Vitamin D inhibits the epithelial-mesenchymal transition (EMT) and migration of osteosarcoma cells via differential regulation of EMT and antioxidative genes and chromatin states.*
- P7** **Jiarong Li**, *Vitamin D deficiency regulates breast tumor growth in bone through the coordinated activation of CXCL12 and JAK-STAT signaling.*
- P8** **Martyna Stachowicz-Suhs**, *Crosstalk between macrophages and murine 4T1 breast cancer cells in the context of the vitamin D-induced metastasis: COX-2/ PGE-2/ IL-6 as the main factors driving this process.*
- P9** **Kirsten Krieger**, *Vitamin D sufficiency enhances epithelial differentiation of mouse prostate organoids and cancer cell lines.*
- P10** **Stephen Strugnell**, *Extended-release calcifediol may accelerate resolution of respiratory symptoms and mitigate pneumonia risk in patients with mild-moderate COVID-19.*
- P11** **MyeongJin Yi**, *Let there be light, and there was vitamin D: remarkable role of vitamin D and the VDR in uterine decidualization.*
- P12** **Molly Mead**, *Placental vascular and inflammatory pathology as a function of maternal vitamin D (VITD) status.*
- P13** **Bonnie Patchen**, *Vitamin D supplementation in pregnant or breastfeeding women or young children for preventing asthma: a systematic review and meta-analysis.*
- P14** **Marilena Christodoulou**, *Vitamin D supplementation improves iron status and inflammation markers in older people with renal impairment.*
- P15** **Chin May Teoh**, *Methyl-donor nutrients supplemented to a high-fat high-sucrose diet during pregnancy and lactation alters colonic vitamin D signaling and inflammatory status among offspring rats.*
- P16** **Miho Iwaki**, *Elucidation of the mode of action of vitamin D receptors using environment-responsive fluorescent vitamin D probes.*
- P17** **Yuko Nakamichi**, *The vitamin D receptor in osteoblastic cells is crucial for the proresorptive activity, hypercalcemia and soft tissue calcification induced by $1\alpha,25(\text{OH})_2\text{D}_3$.*
- P18** **Ganmaa Davaasambu**, *Maternal vitamin D intakes during pregnancy and child health outcomes.*
- P19** **Caroline McWhorter**, *Predicting comorbidities of pregnancy: a comparison between total and free $25(\text{OH})\text{D}$ and their associations with IPTH.*
- P20** **Erica Mandell**, *Maternal vitamin D deficiency alters pulmonary endothelial cell growth and mRNA expression in newborn rats.*
- P21** **Vanessa McGaughey**, *Mechanisms of vitamin D-dependent presentation of tumor-targeting neoantigens in osteosarcoma.*
- P22** **Sylvia Christakos**, *Transcriptional responses to $1,25$ -dihydroxyvitamin D_3 in human villus and crypt-like enteroids and colonoids reveal multiple regulatory effects of vitamin D in human intestinal physiology.*