Dr. Marina Pekmezović

Alumni

Publications

Pavic A, Stojanovic Z, Pekmezovic M, Veljović Đ, O'Connor K, Malagurski I, Nikodinovic-Runic J (2022) Polyenes in medium chain length polyhydroxyalkanoate (mcl-PHA) biopolymer microspheres with reduced toxicity and improved therapeutic effect against *Candida* infection in zebrafish model. *Pharmaceutics* 14(4), 696.

Details

Pekmezovic M, Dietschmann A, Gresnigt MS (2022) Type I interferons during host-fungus interactions: Is antifungal immunity going viral? *PLOS Pathog* 18(8), e1010740.

Details

Austermeier S, Pekmezović M, Porschitz P, Lee S, Kichik N, Moyes DL, Ho J, Kotowicz NK, Naglik JR, Hube B, Gresnigt MS (2021) Albumin neutralizes hydrophobic toxins and modulates *Candida albicans* pathogenicity. *mBio* 12(3), e0053121.

Details

Bruno M, Dewi IMW, Matzaraki V, Ter Horst R, Pekmezovic M, Rösler B, Groh L, Röring RJ, Kumar V, Li Y, Carvalho A, Netea MG, Latgé JP, Gresnigt MS, van de Veerdonk FL (2021) Comparative host transcriptome in response to pathogenic fungi identifies common and species-specific transcriptional antifungal host response pathways. *Comput Struct Biotechnol J* 19, 647-663.

Details

Bruno M, Horst R, Pekmezovic M, Kumar V, Li Y, Netea MG, Latgé JP, Gresnigt MS, van de Veerdonk FL (2021) Data of common and species-specific transcriptional host responses to

pathogenic fungi. *Data Brief* 35, 106928.

Details



Pekmezovic M, Hovhannisyan H, Gresnigt MS, Iracane E, Oliveira-Pacheco J, Siscar-Lewin S, Seemann E, Qualmann B, Kalkreuter T, Müller S, Kamradt T, Mogavero S, Brunke S, Butler G, Gabaldón T, Hube B (2021) *Candida* pathogens induce protective mitochondria-associated type I interferon signalling and a damage-driven response in vaginal epithelial cells. *Nat Microbiol* 6(5), 643-657.

Details



Pekmezovic M, Kalagasidis Krusic M, Malagurski I, Milovanovic J, Stępień K, Guzik M, Charifou R, Babu R, O'Connor K, Nikodinovic-Runic J (2021) Polyhydroxyalkanoate/Antifungal polyene formulations with monomeric hydroxyalkanoic acids for improved antifungal efficiency. *Antibiotics (Basel)* 10(6), 737.

Details



Pekmezovic M, Kaune AK, Austermeier S, Hitzler SUJ, Mogavero S, Hovhannisyan H, Gabaldón T, Gresnigt MS, Hube B (2021) Human albumin enhances the pathogenic potential of *Candida glabrata* on vaginal epithelial cells. *PLOS Pathog* 17(10), e1010037.

Details



Arastehfar A, Boekhout T, Butler G, De Cesare GB, Dolk E, Gabaldón T, Hafez A, Hube B, Hagen F, Hovhannisyan H, Iracane E, Kostrzewa M, Lackner M, Lass-Flörl C, Llorens C, Mixão V, Munro C, Oliveira-Pacheco J, Pekmezovic M, Pérez-Hansen A, Sanchez AR, Sauer FM, Sparbier K, Stavrou AA, Vaneechoutte M, Vatanshenassan M (2019) Recent trends in molecular diagnostics of yeast infections: from PCR to NGS. *FEMS Microbiol Rev* 43(5), 517-547. (Review)

Details



Pekmezovic M, Mogavero S, Naglik JR, Hube B (2019) Host-pathogen interactions during female genital tract infections. *Trends Microbiol* 27(12), 982-996. (Review)

Details



- **1**
- 2
- Load more

Publication list as PDF