

Davidson Group

- Viral lung infections (RSV, influenza)
bacterial pneumonia
eczema & cancer immunotherapy
- Few treatments exist for viral infections
- Antimicrobial resistance is an increasing global threat
- **Host Defence Peptides (HDP)** are critical components of innate host defence
HDP properties:

- Antiviral / Antibacterial
- Anti-endotoxic
- Protective inflammation enhancing
- Wound healing promotion
- Cell differentiation modulation
- Immunomodulation
- Cell death modulation

- HDP are translatable targets for novel interventions – by inducing endogenous expression or using peptide therapies

Host Defence Peptides as antimicrobial modulators of inflammation & immunity in infectious diseases

