

# Introduction to Immuno-South Africa 2019

| Faculty          | Topic  | Learning Link                   |
|------------------|--|---------------------------------|
| Zaza Ndhlovu     | The role of HIV-specific CD4 T cell responses in HIV cure strategies: Friend or foe?   | <a href="#">Immunity to HIV</a> |
| Mike Betts       | HIV-specific T cell trafficking and lymphoid tissue responses  | <a href="#">Immunity to HIV</a> |
| Thomas Scriba    | Scanning the TCR repertoire to inform new TB vaccine targets   | <a href="#">Immunity to TB</a>  |
| Mike Betts       | T-cell Tissue Residency and Recirculation in HIV Infection   | <a href="#">Immunity to HIV</a> |
| Henry Mwandumba  | The impact of human alveolar macrophage heterogeneity on control of Mycobacterium tuberculosis infection   | <a href="#">Immunity to TB</a>  |
| Thomas Hope      | Using Multi-Scale Imaging to bring Anatomy and Physiology Into our understanding of mechanisms of SIV/HIV transmission, dissemination, rebound, and prevention | <a href="#">Immunity to HIV</a> |
| Kondwani Jambo   | Immune regulation in the respiratory mucosa  | <a href="#">Immunity to TB</a>  |
| Clive Gray       | Treg cells in the placenta and early life in HIV exposed uninfected newborns   | <a href="#">Immunity to HIV</a> |
| Lishomwa Ndhlovu | Neuroimmunology of HIV in the Era of ART   | <a href="#">Immunity to HIV</a> |

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| Erica Anderson-Nissen | Defining innate immune responses that predict adaptive responses to vaccination                        | -                                   |
| Yaw Bediako           | Performing immunological studies in human cohorts- Systems approaches to studying immunity to malaria. | <a href="#">Immunity to Malaria</a> |
| Mario Roederer        | Animal models for vaccines and treatment   | -                                   |
| One Dintwe            | Teaching an old Dog, new tricks: Improving on Rv144  |                                     |
| Simon Draper          | Vaccine-Induced Antibody-Mediated Immunity Against Malaria   | <a href="#">Immunity to Malaria</a> |
| Rick Koup             | Current status of antibody-based HIV vaccine development   | <a href="#">Immunity to HIV</a>     |
| Elisa Nemes           | Immune Responses to TB Vaccines  | <a href="#">Immunity to TB</a>      |
| Tony Moody            | FcR Diversity—it's not just single polymorphisms anymore   | -                                   |
| Guido Ferrari         | It's the other end – stupid!   | -                                   |
| Simone Richardson     | new Fc effector functions in vaccination (HIV)   | <a href="#">Immunity to HIV</a>     |
| Caleb Sinclair        | Exploring Acquired Immunity to Malaria: progress, challenges and prospects                             | <a href="#">Immunity to Malaria</a> |