



## Sebastian Bonhoeffer

### Contact

Sebastian Bonhoeffer

## Publications (8)

Bertels F, Cavassini M, Calmy A, Bernasconi E, Schmid P, Scherrer A, Müller V, Bonhoeffer S, Kouyos R, Regoes R, Rauch A, Battegay M, Marzel A, Leventhal G, Mitov V, Fellay J, Günthard H, Böni J, Yerly S, Klimkait T, Aubert V, Swiss HIV Cohort Study. Dissecting HIV Virulence: Heritability of Setpoint Viral Load, CD4+ T-Cell Decline, and Per-Parasite Pathogenicity. *Mol Biol Evol* 2018; 35:27-37.

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Kouyos R, Cavassini M, Rauch A, Battegay M, Vernazza P, Bernasconi E, Ledergerber B, Bonhoeffer S, Günthard H, Hirschel B, Weber R, Klimkait T, von Wyl V, Yerly S, Böni J, Rieder P, Joos B, Taffé P, Shah C, Bürgisser P, Swiss HIV Cohort Study. Ambiguous nucleotide calls from population-based sequencing of HIV-1 are a marker for viral diversity and the age of infection. *Clin Infect Dis* 2011; 52:532-9.

Alizon S, Bonhoeffer S, Günthard H, Telenti A, Bürgisser P, Battegay M, Bernasconi E, Vernazza P, Rauch A, Furrer H, Klimkait T, Shah C, Böni J, Hirschel B, Yerly S, Kouyos R, Stadler T, von Wyl V, Swiss HIV Cohort Study. Phylogenetic approach reveals that virus genotype largely determines HIV set-point viral load. *PLoS Pathog* 2010; 6

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von Wyl V, Günthard H, Ledergerber B, Bonhoeffer S, Francioli P, Vernazza P, Hirschel B, Furrer H, Cavassini M, Bernasconi E, Battegay M, Klimkait T, Bürgisser P, Yerly S, Swiss HIV Cohort Study. Long-term trends of HIV type 1 drug resistance prevalence among antiretroviral treatment-experienced patients in Switzerland. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America* 2009; 48:979-87.

Müller V, Bonhoeffer S, Günthard H, Vernazza P, Bernasconi E, Telenti A, Furrer H, Klimkait T, Perrin L, Ledergerber B, Swiss HIV Cohort Study. Stable virulence levels in the HIV epidemic of Switzerland over two decades. *AIDS (London, England)* 2006; 20:889-94.

Trkola A, Günthard H, Bonhoeffer S, Hirschel B, Weber R, Bernasconi E, Vernazza P, Battegay M, Furrer H, Fagard C, Oxenius A, Leemann C, Kuster H, Swiss HIV Cohort Study. Humoral immunity to HIV-1: kinetics of antibody responses in chronic infection reflects capacity of immune system to improve viral set point. *Blood* 2004; 104:1784-92.

## Projects (0)

No results found.

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