



**Jan A Roth**

**Contact**

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## Publications (6)

Andresen S, Balakrishna S, Mugglin C, Schmidt A, Braun D, Marzel A, Doco Lecompte T, Darling K, Roth J, Schmid P, Bernasconi E, Günthard H, Rauch A, Kouyos R, Salazar-Vizcaya L, Swiss HIV Cohort Study. Unsupervised machine learning predicts future sexual behaviour and sexually transmitted infections among HIV-positive men who have sex with men. *PLoS Comput Biol* 2022; 18:e1010559.

Balakrishna S, Günthard H, Battegay M, Bernasconi E, Schmid P, Cavassini M, Calmy A, Hauser C, Furrer H, Scherrer A, Kusejko K, Roth J, Kachalov V, Wolfensberger A, Kouyos R. Decreasing incidence and determinants of Bacterial Pneumonia in people with HIV: The Swiss HIV Cohort Study. *J Infect Dis* 2021

Balakrishna S, Kouyos R, Rauch A, Günthard H, Bernasconi E, Schmid P, Battegay M, Cavassini M, Nicca D, Roth J, Thurnheer M, Kusejko K, Kachalov V, Schmidt A, Salazar-Vizcaya L, Swiss HIV Cohort Study (SHCS). Assessing the drivers of syphilis among men who have sex with men in Switzerland reveals a key impact of screening frequency: A modelling study. *PLoS Comput Biol* 2021; 17:e1009529.

Roth J, Bogojeska J, Bernasconi E, Kahlert C, Cavassini M, Calmy A, Scherrer A, Fux C, Kouyos R, Günthard H, Rauch A, Marzolini C, Radevski G, Battegay M. Cohort-derived machine learning models for individual prediction of chronic kidney disease in people living with HIV: a prospective multicentre cohort study. *J Infect Dis* 2020

Roth J, Battegay M, Kouyos R, Braun D, Bernasconi E, Vernazza P, Cavassini M, Trelu L, Thurnheer M, Lautenschlager S, Balakrishna S, Franzeck F, Swiss HIV Cohort Study (SHCS). Repeated Syphilis Episodes in HIV-Infected Men Who Have Sex With Men: A Multicenter Prospective Cohort Study on Risk Factors and the Potential Role of Syphilis Immunity. *Open Forum Infect Dis* 2020; 7:ofaa019.

Marzel A, Kouyos R, Günthard H, Perreau M, Klimkait T, Yerly S, Böni J, Hoffmann M, Cavassini M, Calmy A, Bernasconi E, Roth J, Rauch A, Bruggmann P, Weber R, Kusejko K, Swiss HIV Cohort Study. The Cumulative Impact of Harm Reduction on the Swiss HIV Epidemic: Cohort Study, Mathematical Model, and Phylogenetic Analysis. *Open Forum Infect Dis* 2018; 5:ofy078.

## Projects (0)

No results found.

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Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

[support.forschung@kssg.ch](mailto:support.forschung@kssg.ch)