

CURRICULUM VITAE

Phillip Chan, MBChB, PhD, MRCP

Version Date: 12/11/2025

Contact Information:

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School: Yale School of Medicine

Education:

07/1999 - 06/2004 MBChB, The Chinese University of Hong Kong, Hong Kong, Hong Kong
11/2018 - 12/2021 PhD, University of Amsterdam, Amsterdam, NH, Netherlands

Career/Academic Appointments:

07/2005 - 12/2011 Resident, Internal Medicine, Queen Elizabeth Hospital, Hong Kong, Hong Kong
07/2005 - 06/2008 Basic Physician Trainee, Internal Medicine, Queen Elizabeth Hospital, Hong Kong, Hong Kong
07/2008 - 12/2011 Higher Physician Trainee (Neurology), Internal Medicine, Queen Elizabeth Hospital, Hong Kong, Hong Kong
07/2008 - 06/2012 Higher Physician Trainee (Advanced Internal Medicine), Internal Medicine, Queen Elizabeth Hospital, Hong Kong, Hong Kong
01/2012 - 09/2015 Resident Specialist (Neurology), Internal Medicine, Queen Elizabeth Hospital, Hong Kong, Hong Kong
10/2015 - 04/2022 Research Fellow, SEARCH, Thai Red Cross AIDS Research Centre, Bangkok, Bangkok, Thailand
01/2019 - 02/2022 Research Scientist, Division of Life Science, The Hong Kong University of Science and Technology, Hong Kong, Hong Kong
05/2022 - 06/2027 Associate Research Scientist, Neurology (Department), Yale School of Medicine, New Haven, CT

Advanced Training/Certification:

07/2005 - 06/2008 Membership of the Royal Colleges of Physicians (UK), Queen Elizabeth Hospital, Hong Kong, Hong Kong

Professional Honors & Recognition:

International/National/Regional

2019	Young Fellowship Program, Asia Pacific AIDS & Co-infections Conference (APACC)
2020	Research Fund 2019-20, the Hong Kong Neurological Society, The Hong Kong Neurological Society
2023	Patterson Trust Mentored Research Award

Other

2017	Young Investigator Scholarship, Conference on Retroviruses and Opportunistic Infections (CROI) 2017
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Grants/Clinical Trials History:

Current Grants

Agency:	NIH
I.D.#:	R21TW012880
Title:	Persistent Vascular Dysfunction and Cognition among Virally Suppressed People with HIV
P.I.:	Phillip Chan
Role:	Primary Investigator
Percent effort:	20%
Total costs:	\$275,000.00
Project period:	09/01/2025 - 08/31/2027

Current Clinical Trials

Agencies:	Yale University School of Medicine, Merck Sharp & Dohme LLC, New York-Presbyterian/Weill Cornell, National Institute of Allergy and Infectious Diseases (NIAID), National Institute of Mental Health (NIMH)
I.D.#:	1502015318
Title:	Volunteers Needed for HIV & Health Study (HARC Plus)
P.I.:	Serena Susan Spudich
Role:	Sub-Investigator
Percent effort:	N/A
Total costs:	-
Project period:	06/03/2015 - ongoing

Agencies:	National Institute of Mental Health (NIMH)
I.D.#:	2000024620
Title:	In vivo imaging of synaptic density individuals with HIV-1 infection and in HIV-uninfected participants using 11C-UCB-J PET
P.I.:	Serena Susan Spudich
Role:	Sub-Investigator
Percent effort:	N/A

Total costs: -
 Project period: 03/14/2019 - ongoing

Agencies: National Institute of Mental Health (NIMH), National Institute of Neurological Disorders and Stroke (NINDS)
 I.D.#: 2000038175
 Title: Ophthalmologic Vascular Disease in Neuro-Infectious Diseases
 P.I.: Lindsay McAlpine
 Role: Sub-Investigator
 Percent effort: N/A
 Total costs: -
 Project period: 10/21/2024 - ongoing

Invited Speaking Engagements, Presentations & Workshops Not Affiliated With Yale:

International/National

1. "Neurosyphilis". Bangkok International Symposium on HIV Medicine, Bangkok, Bangkok, January 2020. (Oral Presentation)
2. "Keeping a Clinical Study Afloat During a Pandemic: Stories from Two Asia Cities". Special Interest Session: Global Neurology, American Neurological Association (ANA 2021), Virtual meeting, December 2021. (Oral Presentation)
3. "What have we learnt from the RV254 Thai acute HIV cohort". Joint NIMH Center Seminar Series, It is a weekly zoom seminar organized by the NIMH. , April 2023. (Oral Presentation)
4. "Framingham Risk Score Based Vascular Outcomes in Acute vs Chronic HIV Cohorts after 6 years of ART". NIMH, Joint NIMH Center Seminar Series, This is a zoom-based weekly seminar organised by the NIMH , November 2023. (Oral Presentation)
5. "International NeuroHIV Cure Consortium Overview". U.S. Military HIV Research Program (MHRP), 2024 MHRP Acute HIV Science Meeting, Bethesda, MD, February 2024. (Oral Presentation)
6. "Approaches in Managing Cognitive Decline in LMIC settings". The Asia-Pacific AIDS & Co-Infections Conference (APACC) 2024 , Hong Kong, June 2024. (Oral Presentation)
7. "Approaches in Managing Cognitive Decline in LMIC Settings". National Centre for Infectious Diseases of Singapore, HIV Grand Round, National Centre for Infectious Diseases of Singapore, September 2024. (Oral Presentation)
8. "Neuronal Injury in a subset of PWH during Acute HIV infection & up to 5 Years After Immediate ART". ACTG Neuro CSG Monthly Meeting, Zoom meeting of the ACTG (AIDS Clinical Trials Group) Neurology Collaborative Science Group, November 2024. (Oral Presentation)

Regional

1. "Application of Synaptic Density PET in HIV Infection". MHRP Chula Symposium, Bangkok, Bangkok, August 2023. (Oral Presentation)

Peer-Reviewed Presentations Given at Meetings Not Affiliated With Yale:

International/National

1. Heightened systemic and CNS immune activation in acute HIV infection with syphilis.. Conference on Retroviruses and Opportunistic Infections (CROI), Seattle, WA, February 2017. (Poster Presentation)
2. Longitudinal Cognitive Outcomes After Treatment in Acute HIV Infection. Conference on Retroviruses and Opportunistic Infections (CROI) , Boston, MA, March 2018. (Oral Presentation)
3. CSF and blood HIV RNA relationship in acute HIV is linked to CD4/CD8 ratio. Conference on Retroviruses and Opportunistic Infections (CROI) , Boston, MA, March 2018. (Poster Presentation)
4. Neuropsychiatric Outcomes Before and After Switching to Dolutegravir-based Therapy. Conference on Retroviruses and Opportunistic Infections (CROI) , Seattle, WA, March 2019. (Oral Presentation)
5. Clinical and laboratory outcomes 24 weeks after starting DTG versus EFV in acute HIV. Conference on Retroviruses and Opportunistic Infections (CROI), Boston, MA, March 2020. (Poster Presentation)
6. Quantitation of cerebrospinal fluid pleocytosis and HIV-1 RNA during acute infection. Conference on Retroviruses and Opportunistic Infections (CROI), Boston, MA, March 2020. (Poster Presentation)
7. Stable improvement of depression 6 years After ART initiation during acute HIV. Conference on Retroviruses and Opportunistic Infections (CROI) , Virtual meeting, March 2021. (Poster Presentation)
8. Vascular age and cognitive outcomes in an acute HIV cohort after 6 years of ART. Conference on Retroviruses and Opportunistic Infections (CROI), Seattle, WA, February 2023. (Poster Presentation)
9. **Chan P** . Neurite Orientation Dispersion and Density Imaging in People With HIV on Stable Treatment. Conference on Retroviruses and Opportunistic Infections (CROI) 2024, Denver, CO, March 2024. (Poster Presentation)
10. **Chan P** . Real World Experience on the Use of Two-Drug Antiretroviral Therapy Regimens in Older People with HIV: Clinical Parameters. The Asia-Pacific AIDS & Co-Infections Conference (APACC) 2024 , Hong Kong, June 2024. (Poster Presentation)
11. **Chan P** . Increasing Methamphetamine Use and Group Sex Observed in MSM With Acute HIV Infection in Bangkok. Conference on Retroviruses and Opportunistic Infections (CROI), San Francisco, CA, March 2025. (Poster Presentation)
12. **Chan P** . Neuronal Injury in a Subset of PWH During Acute HIV Infection and Up to 5 Years After Immediate ART. Conference on Retroviruses and Opportunistic Infections (CROI), San Francisco, CA, March 2025. (Poster Presentation)
13. **Chan P** . Preliminary Analysis of Longitudinal Synaptic Density Change in Virally Suppressed People With HIV. Conference on Retroviruses and Opportunistic Infections (CROI), San Francisco, CA, March 2025. (Poster Presentation)

Professional Service:

Peer Review Groups/Grant Study Sections

2019 - Present Abstract Grader, Scientific Committee, Asia Pacific AIDS & Co-infections Conference (APACC)

2022 - Present Abstract Grader, International AIDS Society (IAS) Conference on HIV Science
2024 - Present Abstract Grader, American Academy of Neurology

Professional Organizations

Asia Pacific AIDS & Co-infections Conference (APACC)

2019 - 2020 Contributor, Asia Pacific AIDS & Co-infections Conference (APACC)

Hong Kong Academy of Medicine (Medicine)

2012 - Present Fellow, Hong Kong Academy of Medicine (Medicine)

Hong Kong College of Physicians (Neurology)

2011 - Present Fellow, Hong Kong College of Physicians (Neurology)

Hong Kong Neurological Society

2008 - Present Member, Hong Kong Neurological Society

Neurology Collaborative Science Group, AIDS clinical trials group (ACTG)

2021 - 2024 Member, Neurology Collaborative Science Group, AIDS clinical trials group (ACTG)

NIH initiative on CNS Biotypes in HIV-1

2021 Contributor, NIH initiative on CNS Biotypes in HIV-1

Royal Colleges of Physicians (UK)

2008 - Present Member, Royal Colleges of Physicians (UK)

Bibliography:

Peer-Reviewed Original Research

1. Chan CH, Leung AK, Cheung YF, **Chan PY**, Yeung KW, Lai KY. A rare neurological complication due to lithium poisoning. Hong Kong Medical Journal = Xianggang Yi Xue Za Zhi 2012, 18: 343-5. [PMID: 22865182](#) .
2. Cysique LA, Hey-Cunningham WJ, Dermody N, **Chan P**, Brew BJ, Koelsch KK. Peripheral blood mononuclear cells HIV DNA levels impact intermittently on neurocognition. PloS One 2015, 10: e0120488. [PMID: 25853424](#) , [PMCID: PMC4390276](#) , [DOI: 10.1371/journal.pone.0120488](#) .
3. Fong WC, Ismail M, Lo JW, Li JT, Wong AH, Ng YW, **Chan PY**, Chan AL, Chan GH, Fong KW, Cheung NY, Wong GC, Ho HF, Chan ST, Kwok VW, Yuen BM, Chan JH, Li PC. Telephone and Teleradiology-Guided Thrombolysis Can Achieve Similar Outcome as Thrombolysis by Neurologist On-site. Journal Of Stroke And Cerebrovascular Diseases : The Official Journal Of National Stroke Association 2015, 24: 1223-8. [PMID: 25906936](#) , [DOI: 10.1016/j.jstrokecerebrovasdis.2015.01.022](#) .

4. Sacdalan C, Crowell T, Colby D, Kroon E, **Chan P** , Pinyakorn S, Chomchey N, Prueksakaew P, Puttamaswin S, Chintanaphol M, Cheng T, Phanuphak N, Ananworanich J. Brief Report: Safety of Frequent Blood Sampling in Research Participants in an Acute HIV Infection Cohort in Thailand. *Journal Of Acquired Immune Deficiency Syndromes* (1999) 2017, 76: 98-101. [PMID: 28452910](#) , [PMCID: PMC5553234](#) , [DOI: 10.1097/QAI.0000000000001436](#) .
5. Erdem H, Inan A, Guven E, Hargreaves S, Larsen L, Shehata G, Pernicova E, Khan E, Bastakova L, Namani S, Harxhi A, Roganovic T, Lakatos B, Uysal S, Sipahi OR, Crisan A, Miftode E, Stebel R, Jegorovic B, Fehér Z, Jekkel C, Pandak N, Moravveji A, Yilmaz H, Khalifa A, Musabak U, Yilmaz S, Jouhar A, Oztoprak N, Argemi X, Baldeyrou M, Bellaud G, Moroti RV, Hasbun R, Salazar L, Tekin R, Canestri A, Čalkić L, Praticò L, Yilmaz-Karadag F, Santos L, Pinto A, Kaptan F, Bossi P, Aron J, Duissenova A, Shopayeva G, Utaganov B, Grgic S, Ersoz G, Wu AKL, Lung KC, Bruzsa A, Radic LB, Kahraman H, Momen-Heravi M, Kulzhanova S, Rigo F, Konkayeva M, Smagulova Z, Tang T, **Chan P** , Ahmetagic S, Porobic-Jahic H, Moradi F, Kaya S, Cag Y, Bohr A, Artuk C, Celik I, Amsilli M, Gul HC, Cascio A, Lanzafame M, Nassar M. The burden and epidemiology of community-acquired central nervous system infections: a multinational study. *European Journal Of Clinical Microbiology & Infectious Diseases : Official Publication Of The European Society Of Clinical Microbiology* 2017, 36: 1595-1611. [PMID: 28397100](#) , [DOI: 10.1007/s10096-017-2973-0](#) .
6. Chan P, Hellmuth J, Colby D, Kroon E, Sacdalan C, Fletcher J, Patel P, Pinyakorn S, Valcour V, Ananworanich J, Spudich S. Safety of lumbar puncture procedure in an international research setting during acute HIV infection. *Journal Of Virus Eradication* 2018, 4: 16-20. [PMID: 29568548](#) , [PMCID: PMC5851179](#) , [DOI: 10.1016/s2055-6640\(20\)30236-3](#) .
7. Chan P, Patel P, Hellmuth J, Colby DJ, Kroon E, Sacdalan C, Pinyakorn S, Jagodzinski L, Krebs S, Ananworanich J, Valcour V, Spudich S, Team R. Distribution of Human Immunodeficiency Virus (HIV) Ribonucleic Acid in Cerebrospinal Fluid and Blood Is Linked to CD4/CD8 Ratio During Acute HIV. *The Journal Of Infectious Diseases* 2018, 218: 937-945. [PMID: 29741638](#) , [PMCID: PMC6093332](#) , [DOI: 10.1093/infdis/jiy260](#) .
8. D'Antoni M, Byron MM, Chan P, Sailasuta N, Sacdalan C, Sithinamsuwan P, Tipsuk S, Pinyakorn S, Kroon E, Slike BM, Krebs SJ, Khadka VS, Chalermchai T, Kallianpur KJ, Robb M, Spudich S, Valcour V, Ananworanich J, Ndhlovu LC, Teeratakulpisarn N, Fletcher J, Sacdalan C, Chomchey N, Sutthichom D, Rattanamane S, Prueksakaew P, Ubolyam S, Eamyoung P, Puttamaswin S, Karnsornlap P, Luekasemsuk T, Intasan J, Benjapornpong K, Ratnaratorn N, O'Connell R, Trichavaroj R, Akapirat S, Phuang-Ngern Y, Sukhumvittaya S, Sajjaweerawan C, Jongrakthaitae S, Saetun P, Tragonlugsana N, Nuntapinit B, Tantibul N, Savadsuk H, Michael N, Trautmann L, Tovanabutra S, Ouellette M, Butterworth O, Crowell T, Turk E, Eller L, Milazzo M, Bandar I, Shiramizu B, Shikuma C. Normalization of Soluble CD163 Levels After Institution of Antiretroviral Therapy During Acute HIV Infection Tracks with Fewer Neurological Abnormalities. *The Journal Of Infectious Diseases* 2018, 218: 1453-1463. [PMID: 29868826](#) , [PMCID: PMC6151077](#) , [DOI: 10.1093/infdis/jiy337](#) .
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10. Chan FCC, **Chan P** , Chan I, Chan A, Tang THC, Lam W, Fong WC, Lee MP, Li P, Chan GHF. Cognitive screening in treatment-naïve HIV-infected individuals in Hong Kong - a single center study. *BMC*

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11. Crowell TA, Colby DJ, Pinyakorn S, Sacdalan C, Pagliuzza A, Intasan J, Benjapornpong K, Tangnaree K, Chomchey N, Kroon E, de Souza MS, Tovanabutra S, Rolland M, Eller MA, Paquin-Proulx D, Bolton DL, Tokarev A, Thomas R, Takata H, Trautmann L, Krebs SJ, Modjarrad K, McDermott AB, Bailer RT, Doria-Rose N, Patel B, Gorelick RJ, Fullmer BA, Schuetz A, Grandin PV, O'Connell RJ, Ledgerwood JE, Graham BS, Tressler R, Mascola JR, Chomont N, Michael NL, Robb ML, Phanuphak N, Ananworanich J, RV397 Study Group.. Safety and efficacy of VRC01 broadly neutralising antibodies in adults with acutely treated HIV (RV397): a phase 2, randomised, double-blind, placebo-controlled trial. *Lancet HIV* 2019, 6: e297-e306. [PMID: 31000477](#) , [DOI: 10.1016/S2352-3018\(19\)30053-0](#).
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 14. Chan P, Goh O, Kroon E, Colby D, Sacdalan C, Pinyakorn S, Prueksakaew P, Reiss P, Ananworanich J, Valcour V, Spudich S, Paul R. Neuropsychiatric outcomes before and after switching to dolutegravir-based therapy in an acute HIV cohort. *AIDS Research And Therapy* 2020, 17: 1. [PMID: 31907064](#) , [PMCID: PMC6945418](#) , [DOI: 10.1186/s12981-019-0257-8](#) .
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 17. Hellmuth J, Muccini C, Colby DJ, Kroon E, de Souza M, Crowell TA, Chan P, Sacdalan C, Intasan J, Benjapornpong K, Tipsuk S, Puttamaswin S, Chomchey N, Valcour V, Sarnecki M, Tomaka F, Krebs SJ, Slike BM, Jagodzinski LL, Dumrongpisutikul N, Sailasuta N, Samboju V, Michael NL, Robb ML, Vasan S, Ananworanich J, Phanuphak P, Phanuphak N, Paul R, Spudich S. Central Nervous System Safety During Brief Analytic Treatment Interruption of Antiretroviral Therapy Within 4 Human Immunodeficiency Virus Remission Trials: An Observational Study in Acutely Treated People Living

- With Human Immunodeficiency Virus. *Clinical Infectious Diseases* 2020, 73: e1885-e1892. [PMID: 32916708](#) , [PMCID: PMC8492357](#) , [DOI: 10.1093/cid/ciaa1344](#) .
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 19. Chan P, Kerr SJ, Kroon E, Colby D, Sacdalan C, Hellmuth J, Reiss P, Vasana S, Ananworanich J, Valcour V, Spudich S, Paul R. Cognitive trajectories after treatment in acute HIV infection. *AIDS* 2021, 35: 883-888. [PMID: 33534200](#) , [DOI: 10.1097/qad.0000000000002831](#) .
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 24. Wong HY, Zhong H, Zhong M, Zhou X, **Chan PYC** , Kwok TCY, Mok K, Hardy J, Ip FCF, Fu AKY, Ip NY. Demographics and Medication Use of Patients with Late-Onset Alzheimer's Disease in Hong Kong. *Journal Of Alzheimer's Disease : JAD* 2022, 87: 1205-1213. [PMID: 35466936](#) , [DOI: 10.3233/JAD-215312](#) .
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 26. Paul R, Cho K, Bolzenius J, Sacdalan C, Ndhlovu LC, Trautmann L, Krebs S, Tipsuk S, Crowell TA, Suttichom D, Colby DJ, Premeaux TA, Phanuphak N, Chan P, Kroon E, Vasana S, Hsu D, Carrico A, Valcour V, Ananworanich J, Robb ML, Ake JA, Sriplienchan S, Spudich S, Team F. Individual Differences in CD4/CD8 T-Cell Ratio Trajectories and Associated Risk Profiles Modeled From Acute HIV Infection. *Biopsychosocial Science And Medicine* 2022, 84: 976-983. [PMID: 36162059](#) , [PMCID: PMC9553252](#) , [DOI: 10.1097/psy.0000000000001129](#) .
 27. Chan P, Tang THC, Kwong RTS, Chan L, Chan HSY, Lam KW, Ting WM, Yung SK, Lam ECT, Chu MY, Lam W, Wu TC, Li P, Lee MP. Effects of syphilis infection among HIV-1-positive individuals on

- suppressive antiretroviral therapy. *AIDS Res Ther* 2022, 19: 69. [PMID: 36587188](#) , DOI: 10.1186/s12981-022-00493-w.
28. Bolzenius J, Saccalan C, Ndhlovu L, Sailasuta N, Trautmann L, Tipsuk S, Crowell T, Suttichom D, Colby D, Phanuphak N, Chan P, Premeaux T, Kroon E, Vasan S, Hsu D, Valcour V, Ananworanich J, Robb M, Ake J, Pohl K, Sriplienchan S, Spudich S, Paul R. Brain volumetrics differ by Fiebig stage in acute HIV infection. *AIDS* 2023, 37: 861-869. [PMID: 36723491](#) , [PMCID: PMC10079583](#) , DOI: [10.1097/qad.0000000000003496](#) .
 29. Chan P, Moreland S, Saccalan C, Kroon E, Colby D, Sriplienchan S, Pinyakorn S, Phanuphak N, Jagodzinski L, Valcour V, Vasan S, Paul R, Trautmann L, Spudich S, Team O. Cerebrospinal fluid pleocytosis is associated with HIV-1 neuroinvasion during acute infection. *AIDS* 2023, 38: 373-378. [PMID: 37916464](#) , [PMCID: PMC10842649](#) , DOI: [10.1097/qad.0000000000003777](#) .
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