

CURRICULUM VITAE

Name: YAP Yat Hin Desmond 葉逸軒 **Date of Birth:** 1 October 1979

Current Position: Clinical Assistant Professor, Department of Medicine, The University of Hong Kong

Email: desmondy@hku.hk

Office Address: NCB 301, Department of Medicine, Queen Mary Hospital, 102 Pokfulam Road, Hong Kong

Academic Qualifications: MBBS (HK) (2003); MD (HK) (2014); MRCP (UK) (2007); FHKCP (2010); FHKAM (Med) (2010); FRCP (Glasgow) (2015); FRCP (Edin) (2016); FRCP (Lond) (2017)

A. Research & Scholarship

A1. Major research themes

1. Lupus nephritis – immunopathogenesis and use of immunosuppressive treatments
2. Infective complications in renal failure patients

A2. Journal Publications

Total: 74 (Original Articles: 44; Invited Review: 8; First Author: 37)

Representative Publications in recent 5 years

1. **Yap DY**, Kwan LPY, Ma MKM, Mok MMY, Chan GCW, Chan TM. Pre-emptive immunosuppressive treatment for asymptomatic serological reactivation may reduce renal flares in patients with lupus nephritis. *Nephrol Dial Transplant* 2018 (in press)
2. **Yap DY**, Ma MK, Mok MM, Kwan LP, Chan GC, Chan TM. Long-term data on Tacrolimus treatment in Lupus Nephritis. *Rheumatology (Oxford)* 2014; 53: 2232-7.
3. **Yap DY**, Ma MK, Mok MM, Tang CS, Chan TM. Long-term data on corticosteroids and mycophenolate mofetil treatment in Lupus Nephritis. *Rheumatology (Oxford)* 2013; 52: 480-6.
4. **Yap DY**, Tang CS, Ma MK, Lam MF, Chan TM. Survival Analysis and Cause of Mortality in patients with Lupus Nephritis. *Nephrol Dial Transplant* 2012; 27: 3248-54.

Publications on lupus nephritis (Total: 20)

5. **Yap DY**, Tang C, Ma MKM, Mok MMY, Chan GCW, Kwan LPY, Chan TM. Long-term Data on Disease Flares in Patients with Proliferative Lupus Nephritis in Recent Years. *J Rheumatol* 2017; 44: 1375-1383.
6. Yung S, **Yap DY**, Chan TM. Recent advances in the understanding of renal inflammation and fibrosis in lupus nephritis. *F1000Res.* 2017 Jun 13; 6: 874

7. Cheung KF, Yung S, Chau MK, **Yap DY**, Chan KW, Lee CK, Tang CS, Chan TM. Annexin II-binding immunoglobulins in patients with lupus nephritis and their correlation with disease manifestations. *Clin Sci (Lond)* 2017; 131: 653-671.
8. Yung S, Ng CY, Au KY, Cheung KF, Zhang Q, Zhang C, **Yap DY**, Chau MK, Chan TM. Binding of anti-dsDNA antibodies to proximal tubular epithelial cells contributes to renal tubulointerstitial inflammation. *Clin Sci (Lond)* 2017; 131: 49-67.
9. **Yap DY**, Chan TM. Lupus Nephritis in Asia: Clinical Features and Management. *Kidney Dis (Basel)* 2015; 1: 100-9
10. **Yap DY**, Yung S, Zhang Q, Tang C, Chan TM. Serum level of proximal renal tubular epithelial cell-binding immunoglobulin G in patients with lupus nephritis. *Lupus* 2016; 25: 46-53.
11. Brandl A, Daum P, Brenner S, Schulz SR, **Yap DY**, Bösl MR, Wittmann J, Schuh W, Jäck HM. The microprocessor component, DGCR8, is essential for early B-cell development in mice. *Eur J Immunol* 2016; 46: 2710-2718.
12. **Yap DY**, Chan TM. Treatment of lupus nephritis: practical issues in Asian countries. *Int J Rheum Dis* 2015; 18: 138-45.
13. **Yap DY**, Yung S, Zhang Q, Tang CS, Chan TM. Mesangial cell-binding activity of serum immunoglobulin G in patients with lupus nephritis. *PlosOne* 2014 Jul 9; 9: e101987.
14. **Yap DY**, Yung S, Ma M, Mok M, Kwan L, Chan G, Chan T. Serum immunoglobulin G level in patients with lupus nephritis and the effect of treatment with corticosteroids and mycophenolate mofetil. *Lupus* 2014; 23: 678-83.
15. Mok CC, **Yap DY***, Navarra SV, Liu ZH, Zhao MH, Lu L, Takeuchi T, Avihingsanon Y, Yu XQ, Lapid EA, Lague-Lizardo LR, Sumethkul V, Shen N, Chen SL, Chan TM; Asian Lupus Nephritis Network (ALNN). Overview of lupus nephritis management guidelines and perspective from Asia. *Nephrology (Carlton)* 2014; 19: 11-20. [*co-first author]
16. Mok CC, **Yap DY***, Navarra SV, Liu ZH, Zhao MH, Lu L, Takeuchi T, Avihingsanon Y, Yu XQ, Lapid EA, Lague-Lizardo LR, Sumethkul V, Shen N, Chen SL, Chan TM; Asian Lupus Nephritis Network (ALNN). Overview of lupus nephritis management guidelines and perspective from Asia. *Int J Rheum Dis* 2013; 16: 25-36. [*co-first author]
17. **Yap DY**, Lai KN. The role of cytokines in the pathogenesis of systemic lupus erythematosus - from bench to bedside. *Nephrology (Carlton)* 2013; 18: 243-55.
18. **Yap DY**, Ma MK, Tang CS, Chan TM. Proliferation Signal Inhibitors (PSI) in the Treatment of Lupus Nephritis - Preliminary Experience. *Nephrology (Carlton)*. 2012; 17: 676-80.
19. Chong YB, **Yap DY**, Tang CS, Chan TM. Dyslipidaemia in patients with lupus nephritis. *Nephrology (Carlton)* 2011; 16: 511-7.
20. **Yap DY**, Lai KN. Cytokines and their roles in the pathogenesis of systemic lupus erythematosus: from basics to recent advances. *J Biomed Biotechnol* 2010; 2010:

365083.

21. Tse KC, Tang CS, Lam MF, **Yap DY**, Chan TM. Cost comparison between mycophenolatemofetil and cyclophosphamide-azathioprine in the treatment of lupus nephritis. *J Rheumatol* 2009; 36:76-81.

Publications on infective complications in renal failure (Total: 10)

22. Sridhar S, Chan JFW, **Yap DY**, Teng JLL, Huang C, Yip CCY, Hung IFN, Tang SCW, Lau SKP, Woo PCY, Yuen KY. Genotype 4 hepatitis E virus is a cause of chronic hepatitis in renal transplant recipients in Hong Kong. *J Viral Hepat* 2017; 25: 209-213
23. Li PH, Cheng VC, Yip T, **Yap DY**, Lui SL, Lo WK. Epidemiology and Clinical Characteristics of *Acinetobacter* Peritoneal Dialysis-Related Peritonitis in Hong Kong-With a Perspective on Multi-Drug and Carbapenem Resistance. *Perit Dial Int* 2017; 37: 177-182.
24. **Yap DY**, Chan TM. Use of telbivudine in kidney transplant recipients with chronic hepatitis B virus infection: A preliminary experience. *Nephrology (Carlton)* 2016; 21: 438-41.
25. **Yap DY**, Chan JF, Yip T, Mok MM, Kwan L, Lo WK, Chan TM. Burkholderia cepacia Exit-site infection in peritoneal dialysis patients – clinical characteristics and treatment outcomes. *Periton Dial Int* 2016; 36: 390-4.
26. **Yap DY**, Tang CS, Seto WK, Ma MK, Mok MM, Kwan LP, Chan GC, Choy BY, Yuen MF, Chan TM. Entecavir Treatment in Kidney Transplant Recipients Infected with Hepatitis B. *Clin Transplant* 2014; 9: 1010-5.
27. **Yap DY**, Chan TM. Evolution of hepatitis B management in kidney transplantation. *World J Gastroenterol* 2014; 20:468-74.
28. **Yap DY**, Tang CS, Yung S, Choy BY, Yuen MF, Chan TM. Long-Term Outcome of Renal Transplant Recipients with Chronic Hepatitis B Infection-Impact of Antiviral Treatments. *Transplantation* 2010; 90: 325-30.
29. **Yap DY**, Chu WL, Ng F, Yip PS, Lui SL, Lo WK. Risk factors and outcome of contamination in patients on peritoneal dialysis - a single centre experience in 15 years. *Periton Dial Int* 2012; 32: 612-6.
30. **Yap DY**, To KK, Yip PS, Lui SL, Chan TM, Lai KN, Lo WK. Streptococcus bovis peritonitis complicating peritoneal dialysis- a review of 10 years' experience. *Perit Dial Int* 2012; 32: 55-9.
31. Tse KC, **Yap DY**, Tang CS, Yung S, Chan TM. Response to adefovir or entecavir in renal allograft recipients with hepatic flare due to lamivudine-resistant hepatitis B. *Clin Transplant* 2010; 24:207-12.

Other original articles

32. Chan KY, **Yap DY**, Yip TPS, Sham MK, Lui SL, Chan TM. Palliative Care Consultation in Advanced Chronic Kidney Disease with Pain. *J Palliat Med* 2018 [in press]

33. Mok MMY, Liu CK, Lam MF, Kwan LP, Chan GC, Ma MKM, **Yap DY**, Chiu F, Choy CB, Tang SC, Chan TM. A longitudinal study on the prevalence and risk factors for depression and anxiety, quality of life, and clinical outcomes in incident peritoneal dialysis. *Perit Dial Int*. 2018
34. Ma KM, Law H, Tse KS, Chan KW, Chan GCW, **Yap DY**, Mok MMY, Kwan LPY, Tang SC, Choy BY, Chan TM. Non-invasive Assessment of Kidney Allograft Fibrosis with Shear Wave Elastography: A Radiological- Pathological Correlation Analysis. *Int J Urol* 2018 [in press].
35. **Yap DY**, Seto WK, Fung J, Chok SH, Chan SC, Chan GC, Yuen MF, Chan TM. Serum and urinary biomarkers that predict hepatorenal syndrome in patients with advanced cirrhosis. *Dig Liver Dis* 2017; 49: 202-206.
36. Mok MM, Ma MK, **Yap DY**, Chan GS, Lam MF, Kwok JS, Kwan LP, Chan GC, Choi CB, Tang SC, Chan TM. Risk factors and prognosis of late acute rejection in Chinese kidney transplant recipients. *Nephrology (Carlton)* 2017; 22: 985-992.
37. Chan KY, Yip T, **Yap DY**, Sham MK, Wong YC, Lau VW, Li CW, Cheng BH, Lo WK, Chan TM. Enhanced Psychosocial Support for Caregiver Burden for Patients With Chronic Kidney Failure Choosing Not to Be Treated by Dialysis or Transplantation: A Pilot Randomized Controlled Trial. *Am J Kidney Dis* 2016; 67: 585-92.
38. Chan GC, Lam B, **Yap DY**, Ip MS, Lai KN, Tang SC. Proteinuria is associated with sleep apnea in chronic kidney disease. *Nephrol Dial Transplant* 2016; 3:772-9.
39. Chan KY, Benjamin Cheng HW, **Yap DY**, Yip T, Li CW, Sham MK, Wong YC, Vikki Lau WK. Reduction of Acute Hospital Admissions and Improvement in Outpatient Attendance by Intensified Renal Palliative Care Clinic Follow-Up: The Hong Kong Experience. *J Pain Symptom Manage* 2014; 49: 144-9.
40. Ma MK, Zuo ML, **Yap DY**, Mok MM, Kwan LP, Chan GC, Siu DC, Chan TM. Chronotropic incompetence, echocardiographic abnormalities and exercise intolerance in renal transplant recipients. *J Nephrol* 2014; 27: 451-6.
41. Ma MK, Kwan LP, Mok MM, **Yap DY**, Tang CS, Chan TM. Significant reduction of Tacrolimus trough level after conversion from twice daily Prograf to once daily Advagraf in Chinese renal transplant recipients with or without concomitant diltiazem treatment. *Ren Fail* 2013; 35: 942-5.
42. Choy BY, Lam MF, Yip T, Tang HL, Wong PN, Chow CC, **Yap DY**, Chan TM. Dosing regimen and tolerability of methoxy polyethylene glycol-epoetin beta in Chinese dialysis patients. *Nephrology (Carlton)* 2013; 18: 533-8.
43. Ma MK, **Yap DY**, Yip TP, Lui SL, Lo WK. Charlson co-morbidity index and albumin significantly associated with fracture risk in peritoneal dialysis patients. *Nephrology (Carlton)* 2013; 18: 365-8.
44. Chan TC, **Yap DY**, Shea YF, Luk JK, Chan FH, Chu LW. Prevalence of anemia in Chinese nursing home older adults: implication of age and renal impairment. *Geriatr Gerontol Int* 2013; 13: 591-6.
45. Chan TC, **Yap DY**, Hung FN, Shea YF, Chu LW, Luk KH, Woo CY, Chan HW. The

- efficacy of influenza vaccination is reduced in nursing home older adults with moderate to severe renal impairment. *J Am Med Dir Assoc* 2013; 14: 33-6.
46. Chan TC, **Yap DY**, Shea YF, Luk JK, Chu LW, Chan FH. Chronic kidney disease and its association with mortality and hospitalization in Chinese nursing home older residents: a 3-year prospective cohort study. *J Am Med Dir Assoc* 2012; 13: 782-7.
 47. Chan TC, **Yap DY**, Shea YF, Luk KH, Chan HW, Chu LW. Prevalence and associated co-morbidities of moderate to severe chronic renal impairment in Chinese nursing home older adults. *J Am Dir Assoc* 2012; 13: 630-3.
 48. Tang SC, Lin M, Tam S, Au WS, Ma MK, **Yap DY**, Ho YW, Lai KN. Aliskiren combined with losartan in immunoglobulin A nephropathy: an open-labeled pilot study. *Nephrol Dial Transplant* 2011; 27: 613-8.
 49. **Yap DY**, Chu FS, Chu SM, Tam PC, Tam S, Chan TM, Lai KN, Tang SC. CT angiography versus conventional digital angiography in preoperative assessment for Chinese living kidney donors. *J Nephrol* 2010; 23: 711-6.

Case Reports

50. Chan GC, Lee KM, Kwan LP, Mok MM, Ma MK, **Yap DY**, Tang SC. A Rare Case of Famotidine-Induced Delirium in a Peritoneal Dialysis Patient. *Perit Dial Int* 2017; 37: 118-120.
51. Chan GCW, Mok MMY, Hung DLL, Chan JFW, Kwan LPY, Ma MKM, **Yap DY**, Tang SCW. *Mycobacterium chlorophenicum*: An uncommon cause of peritonitis in a peritoneal dialysis patient. *Nephrology (Carlton)* 2017; 22: 498-499.
52. Chan GC, **Yap DY**, Kwan LP, Mok MM, Ma MK, Chu FS, Tang SC. Colossal renal allograft hydronephrosis causing abdominal distension. *Nephrology (Carlton)* 2017; 22: 420-421.
53. **Yap DY**, Mok MM, Chan GC, Choy BY, Chan TM. Kidney Allograft Abscess: An Unusual Cause of Peritonitis in a Patient on Peritoneal Dialysis. *Nephrology (Carlton)* 2016; 21: 266.
54. **Yap DY**, Tse H, Mok MM, Chan GC, Yip T, Lui SL, Lo WK, Chan TM. *Arthrobacter sanguinis*: an uncommon cause of peritonitis in a peritoneal dialysis patient. *Nephrology (Carlton)* 2015; 20: 868.
55. Mok MM, Cheng VC, Lui SL, Kwan LP, Chan GC, **Yap DY**, Chan TM, Lo WK. Severe liver failure due to influenza A infection in a hemodialysis patient. *Hemodial Int* 2016; 20: E16-8. [IF: 1.353; ranking: 57/77(Urology & Nephrology); citation: 0]
56. Chan GC, **Yap DY**, Kwan LP, Chan JF, Iu LP, Wong IY, Tang SC. Progressive outer retinal necrosis in a renal transplant recipient: a rare treatment success. *Transpl Infect Dis* 2015; 17: 396-9.
57. **Yap DY**, Choy CB, Mok MM, Wong TK, Chan TM. *Burkholderia cepacia*-an uncommon cause of exit-site infection in a peritoneal dialysis patient. *Perit Dial Int* 2014; 34: 471-2.
58. Mok MM, Ma MK, **Yap DY**, Chan TM, Lam FM. Secondary atypical mycobacterial infection after peritoneal catheter removal. *Int Wound J.* 2014 May 14.

59. **Yap DY**, Chan GS, Chan KW, Kwan LP, Wong WT, Lam MF, Chan TM. Cortical necrosis in a kidney transplant recipient due to leptospirosis. *Nephrology (Carlton)* 2014; 19: 257-8.
60. Chan JC, **Yap DY**, Yeung CK. Hydralazine-induced toxic epidermal necrolysis in a patient on continuous ambulatory peritoneal dialysis. *J Clin Pharm Ther* 2014; 39:322-4.
61. **Yap DY**, Chan GC, Mok MM, Chan TM. Epistaxis in a kidney transplant recipient: an uncommon presentation of post-transplant lymphoproliferative disease. *Nephrology (Carlton)* 2013; 18: 531.
62. **Yap DY**, Kwan LP, To KK, Chan TM. Arcobacter peritonitis after fluoroscopic repositioning of a Tenckhoff catheter. *Perit Dial Int* 2013; 33: 222-3.
63. Kwan LP, Choy CB, Chan TM, Suen WS, **Yap DY**. Successful treatment of pulmonary rhizopus infection with surgical resection and posaconazole in a renal transplant recipient. *Nephrology (Carlton)*. 2013; 18: 74-5.
64. Ma MK, **Yap DY**, Yip TP, Lui SL, Lo WK. Staphylococcus aureus peritonitis in two peritoneal dialysis patients: an uncommon complication of peripheral intravenous catheter infection. *Perit Dial Int*. 2012; 32: 573-4.
65. Chan JC, **Yap DY**, Shea YF, Yuen CK, Yeung CK. A highly contagious psoriasiform eruption on the scalp of a patient with systemic lupus erythematosus. *J Clin Rheumatol* 2012; 18: 144-5.
66. Ma MK, **Yap DY**, Tang SC. Transplant kidney herniation in an elderly patient. *Nephrology (Carlton)*. 2011; 16: 349-50.
67. **Yap DY**, Leung CC, Hwang GY, Leung AY, Chan GS, Chan KW, Tang SC. Pyrexia of unknown origin and proteinuria: an enigma solved by renal biopsy. *Nephrology (Carlton)* 2011; 16: 249-50.
68. **Yap DY**, Ma MK, Lai AS, Chan SY, Seto WK, Lam MF, Chan TM, Lai KN. Superior mesenteric artery syndrome complicating dialysis patients with peritoneal failure--report of 3 cases. *Clin Nephrol*. 2011; 75 Suppl 1:37-41.
69. **Yap DY**, Hwang GY, Lam JK, Tang SC. Gas in the renal shadow of a plain abdominal X-ray: emphysematous pyelonephritis. *Nephrology (Carlton)* 2011; 16: 119-20.
70. **Yap DY**, Tso WK, Chu FS, Chan TM, Lai KN, Tang SC. Transhepatic placement of haemodialysis catheter: A solution for vascular access exhaustion. *Nephrology (Carlton)*. 2010; 15: 661-2.
71. **Yap DY**, Lau SK, Lamb S, Choy BY, Chan TM, Lai KN, Tang SC. An unusual organism for PD-related peritonitis: *Hafnia alvei*. *Perit Dial Int*. 2010; 30: 254-5.
72. Lai KN, Lai AS, **Yap DY**, Ng MM. Recurrent oral ulcers and diarrhea in a renal transplant patient. Behcet's disease (associated with IgA nephropathy) and acute tacrolimus nephrotoxicity. *Kidney Int*. 2009; 76: 1211-2.
73. **Yap DY**, Tse KC, Chan TM, Lie AK. Epstein syndrome presenting as renal failure in young patients. *Ren Fail* 2009; 31:582-5.
74. **Yap DY**, Tse KC, Lam MF, Chan TM, Lai KN. Polymicrobial CAPD peritonitis

after hysteroscopy. *Perit Dial Int.* 2009; 29: 237-8.

A3. Book Chapter

1. **Yap DY**, Yip T. Diagnosis and Management of Exit Site Infection in Peritoneal Dialysis Patients. *Peritoneal Dialysis*", ISBN 978-953-51-4832-6.

A4. Research Awards

1. Best Poster Abstract Presentation – 22nd Medical Research Conference (2017), Department of Medicine, The University of Hong Kong
2. Best Oral Abstract Presentation – 21st Medical Research Conference (2016), Department of Medicine, The University of Hong Kong
3. Best Oral Abstract Presentation – 20th Medical Research Conference (2015), Department of Medicine, The University of Hong Kong
4. Li Shu Pui Clinical Fellowship (2014-2015)
5. Hong Kong Society of Nephrology Young Investigator Award (2009)

A5. Editorship

Position	Affiliation	Year
Subject Editor	Nephrology (Carlton)	Since 2018
Associate Editor	Hong Kong Journal of Nephrology	Since 2014

A6. Invited Lectures & conference papers

Invited Lectures in Regional conferences

1. Lecture title: "Infective complications in adult polycystic kidney disease". 4th APKD Summit, 18-20 May 2018, Seoul, Korea.
2. Lecture title: "Hb instability, different types of Epos and their efficacy". Myanmar Renal Club Workshop, 12-13 May 2018, Yangon, Myanmar.
3. Lecture title: "Screening and treatment of latent tuberculosis infection in donor and recipients". Asia-Pacific Congress of Nephrology, 27-30 March 2018, Beijing, China.
4. Lecture title: "Infective complications after kidney transplantation". Macau Society of Nephrology Annual Scientific Meeting 2018, 21 January 2018, Macau.
5. Lecture title: "Management of chronic hepatitis B virus infection in kidney transplant recipients." 19th Hong Kong Beijing Medical Exchange Forum, 12 Sep 2017, Wuhan, China.
6. Lecture title: "Management of challenging cases of lupus nephritis." Hong Kong-Beijing-Chifang Medical Forum 2017. 31 Jul 2017, Chifang, China.
7. Lecture title: "Hemoperitoneum in PD patients." The 8th Asia Pacific Chapter Meeting of International Society for Peritoneal Dialysis (APCM-ISPD 2017), 21-25 Mar 2017, Guangzhou, China.
8. Lecture title: "Management of viral infections after kidney transplantation."

- Macau Society of Nephrology Scientific Symposium, Apr 2016, Macau, China.
9. Lecture title: "Use of erythropoietin-stimulating agents in dialysis patients." Macau Society of Nephrology Scientific Symposium, Apr 2016, Macau, China.
 10. Lecture title: "Use of anti-viral treatment in renal transplant recipients with chronic hepatitis B infections." Cross Strait China, Hong Kong and Taiwan Chronic Hepatitis B Forum. Aug 2015, Sichuan, China.
 11. Lecture title: "Importance of End-Organ-Protection to Hypertensive Patients with Nephropathy." Association of General Practitioners in Macau. Nov 2012 Macau, China.

Invited Lectures in Local Conferences

12. Lecture title: "Renal failure in older patients – burden, prevention and management". 13th International Symposium on Healthy Ageing. 11 March 2018, Hong Kong.
13. Lecture title: "Liver and the Kidneys." Asia-Pacific Society of Nephrology/Hong Kong of Nephrology Continuous Medical Education Course 2017, 30 Sep 2017, Hong Kong.
14. Lecture title: "Infective complications after kidney transplantation" 5th Asian Nephrology Nursing Symposium (ANNS) 9-10th Sep 2017, Hong Kong.
15. Lecture title: "Serum immunoglobulin levels and mesangial cell-binding activity in patients with severe lupus nephritis." Hong Kong Society of Nephrology Annual Scientific Meeting. Oct 2013, Hong Kong.
16. Lecture title: "New Concern in CKD patients - Lipid Management." Continuous Medical Education Program, Hong Kong Baptist Hospital. May 2013, Hong Kong.
17. Lecture title: "Renal Physiology, Acute Renal Failure & Management, Principles of Dialysis & Continuous Renal Replacement Therapy." HA Institute of Advanced Nursing Studies & HKWC. Jul 2012, Hong Kong.

Conference papers

1. **Yap DY**, Thong KM, Yung S, Tang C, Ma BM, Chan TM. Antiphospholipid antibodies in lupus nephritis – a single centre experience. 55th ERA-EDTA Congress 2017, Copenhagen, Denmark [Oral presentation].
2. Chao Li*, **Yap DY***, Chan G, Wen Y, Li H, Tang C, Li XM, Li XW, Chan TM. Clinical Characteristics and outcomes of lupus nephritis patients with kidney biopsy showing thrombotic microangiopathy. 55th ERA-EDTA Congress 2017, Copenhagen, Denmark [co-first author].
3. **Yap DY**, Tang CSO, Lee P, Tam C, Yam I, Yung S, Chan TM. Relationship between B cell signatures and disease flare in lupus nephritis patients. American Society of Nephrology Kidney Week 2017, New Orleans, USA. [Top nephrology conference].
4. **Yap DY**, Tam CH, Wong S, Yung S, Ma MK, Chan TM. Mycophenolic acid pharmacokinetics and pharmacogenomics in lupus nephritis patients on maintenance immunosuppression. 54th European Renal Association - European Dialysis and

- Transplant Association (ERA-EDTA) 2017, Madrid, Spain.
5. **Yap DY**, Lee P, Yung S, Chan TM. Effect of cyclophosphamide and mycophenolate mofetil on lymphocyte subsets in patients with active lupus nephritis. 54th European Renal Association - European Dialysis and Transplant Association (ERA-EDTA) 2017, Madrid, Spain.
 6. **Yap DY**, Kwan LP, Ma KM, Mok MMY, Gary GCW, Chan TM. Pre-emptive treatment for asymptomatic serological reactivation in lupus nephritis patients – impact on clinical flare rate and renal function. 12th International Congress on SLE and 7th Asian Congress on Autoimmunity, 2017, Melbourne, Australia.
 7. **Yap DY**, Kwan LP, Ma KM, Mok MMY, Gary GCW, Chan TM. Long-term data on sirolimus treatment in lupus nephritis patients. 12th International Congress on SLE and 7th Asian Congress on Autoimmunity, 2017, Melbourne, Australia.
 8. **Yap DY**, Kwan LP, Ma KM, Mok MMY, Gary GCW, Chan TM. Relapse of lupus nephritis – risk factors and impact of mycophenolate treatment. 12th International Congress on SLE and 7th Asian Congress on Autoimmunity, 2017, Melbourne, Australia.
 9. **Yap DY***, Lee P, Yung S, Chan TM. Circulating lymphocyte subsets and disease relapse in lupus nephritis. American Society of Nephrology Kidney Week 2016, Chicago, USA [*Oral presentation at top nephrology conference].
 10. **Yap DY**, Kwan LPY, Chan TM. Risk factors for renal flares in lupus nephritis and the impact of mycophenolic acid treatment on relapse. 53rd European Renal Association - European Dialysis and Transplant Association (ERA-EDTA) 2016, Vienna, Austria.
 11. **Yap DY**, Kwan LPY, Chan TM. The impact of pre-emptive increase in immunosuppressive treatments on subsequent risk of renal flares. 53rd European Renal Association - European Dialysis and Transplant Association (ERA-EDTA) 2016, Vienna, Austria.
 12. **Yap DY**, Yung S, Lee P, Chan TM. The role of interaction between renal proximal tubular epithelial cells and T lymphocyte in the pathogenesis of tubulointerstitial inflammation in lupus nephritis. 1st International Congress of Chinese Nephrologists 2015, Hong Kong.
 13. **Yap DY**, Tam CH, Wong S, Chan TM. A Prospective Study to Investigate Blood Mycophenolic Acid Levels and its Clinical Associations in Lupus Nephritis Patients. 1st International Congress of Chinese Nephrologists 2015, Hong Kong.
 14. **Yap DY**, Ma KM, Mok MY, Kwan LPY, Chan GCW, Chan TM. Risk Factors of Renal Relapse in the Era of Effective Immunosuppressive Treatments among Chinese Lupus Nephritis patients. 1st International Congress of Chinese Nephrologists 2015, Hong Kong.
 15. **Yap DY**, Tam CH, Wong S, Yung S, Chan TM. A Prospective Study to Investigate Mycophenolic Acid Pharmacokinetics and Its Clinical Correlations in Lupus Nephritis Patients. American Society of Nephrology Kidney Week 2015, San Diego, USA. [Top nephrology conference]
 16. **Yap DY**, Yung S, Zhang Q, Chan TM. Binding activity of serum immunoglobulin G to

- renal proximal tubular epithelial cells and its clinical correlation in lupus nephritis. The 52th European Renal Association - European Dialysis and Transplant Association (ERA-EDTA) Congress, London, UK, 28-31 May 2015.
17. **Yap DY**, Cheung KF, Yung S, Yim ASY, Chau MKM, Chan TM. Annexin II-binding IgG and IgM in sera of patients with lupus nephritis. The 3rd International Conference on Immune Tolerance (IMMUTOL 2014), Amsterdam, The Netherlands, 2014.
 18. **Yap DY**, Chan TM. Effect of Long-Term Tacrolimus Treatment in Patients with Lupus Nephritis. The 51st European Renal Association-European Dialysis and Transplantation Association (ERA-EDTA) Congress, Amsterdam, 2014.
 19. **Yap DY**, Ma MKM, Mok MMY, Kwan LPY, Chan GCW, Chan TM. The Impact of Corticosteroids And Mycophenolate Mofetil Treatment On The Serum Immunoglobulin Levels In Lupus Nephritis Patients. The 2013 ISN World Congress of Nephrology (WCN 2013), Hong Kong, China, 31 May-4 June 2013.
 20. **Yap DY**, Ma MKM, Chan TM. Outcome of long-term treatment with mycophenolate mofetil in patients with severe lupus nephritis. The 45th Annual Meeting of the American Society of Nephrology (Kidney Week 2012), San Diego, USA. [Top nephrology conference]
 21. **Yap DY**, Yung S, Chan O, Zhang Q, Chan TM. Serum IgG binding to human mesangial cells in patients with lupus nephritis and its correlation with disease activity. The 45th Annual Meeting of the American Society of Nephrology (Kidney Week 2012), San Diego, USA. [Top nephrology conference]
 22. **Yap DY**, Chan TM, Cheung KF, Yim A, Yung S. Anti-annexin II level in serum correlates with disease manifestations in lupus nephritis. The 45th Annual Meeting of the American Society of Nephrology (Kidney Week 2012), San Diego, USA, 2012. [Top nephrology conference]
 23. **Yap DY**, Tang SCW, Ma MKM, Mok MMY, Lai KN. Prospective randomized trial of effect of direct renin inhibition in non-diabetic chronic kidney disease (DRINK): an interim analysis. The 45th Annual Meeting of the American Society of Nephrology (Kidney Week 2012), San Diego, USA, 2012. [Top nephrology conference]
 24. **Yap DY**, Ma MKM, Siu DCW, Lo WK, Chan TM. Impaired chronotropic response limits exercise tolerance in peritoneal dialysis and renal transplant patients. The 45th Annual Meeting of the American Society of Nephrology (Kidney Week 2012), San Diego, USA, 2012. [Top nephrology conference]
 25. **Yap DY**, Yung S, Chan O, Zhang FQ, Chan TM. Binding of serum IgG to human mesangial cells and its correlation with disease activity in patients with lupus nephritis. The 75th ACR/ARHP Annual Scientific Meeting, Chicago, USA, 2011.
 26. **Yap DY**, Choy BY, Ma MKM, Mok MMY, Chan TM. Tuberculous infection post renal transplantation. The 12th Congress of the Asian Society of Transplantation (CAST 2011), Seoul, South Korea, 2011.
 27. **Yap DY**, Tang SCW, Lin M, Tam S, Au WS, Ma MKM, Ho YW, Lai KN. Aliskiren combined with losartan in immunoglobulin A nephropathy: an open-labeled pilot study. The 2011 ISN World Congress of Nephrology (WCN 2011), Vancouver, Canada, 2011.

28. **Yap DY**, Tang SCW, Lam B, Lam JC, Ip MSM, Lai KN. Impact of nephrotic leg edema on OSA: gathering a unifying concept for the pathogenetic role of nocturnal rostral fluid shift. The 45th Annual Meeting of the American Society of Nephrology (Renal Week 2010), Denver, USA, 2010. [Top nephrology conference]
29. **Yap DY**, Tang CSO, Ma MKM, Tse KC, Lam MF, Chan TM. Survival and mortality in patients with lupus nephritis. The 9th International Congress of Systemic Lupus Nephritis (Lupus 2010), Vancouver, Canada, 2010.
30. **Yap DY**, Chu FSK, Chu SM, Tam PC, Tam S, Lai KN, Chan TM, Tang SCW. CT angiography versus conventional digital angiography in pre-operative assessment for Chinese living kidney donors. The 12th Asian Pacific Congress of Nephrology (APCN 2010) in conjunction with 4th Asian Forum of CKD Initiative & Korea-Japan HDF Forum, Seoul, Korea, 2010.

A7. Research Grant

Health and Medical Research Fund (HMRF) as Principal Investigator

1. Project title: **Investigating the B cell signatures for disease flare and response to pre-emptive immunosuppressive therapy in patients with lupus nephritis**
Health and Medical Research Fund (HMRF) 2016, Food and Health Bureau, HKSAR.
Amount: HK\$: 1,197,668
2. Project title: **Lymphocyte subset profile and clinical phenotype in lupus nephritis**
Health and Medical Research Fund (HMRF) 2014, Food and Health Bureau, HKSAR.
Amount: HK\$1,178,412
3. Project title: **Relationship between Mycophenolic Acid Pharmacokinetics and Pharmacogenomics with treatment response and disease activity in lupus nephritis**
Health and Medical Research Fund (HMRF) 2013, Food and Health Bureau, HKSAR.
Amount: HK\$918,000

Other competitive grants as Principal Investigator

1. Project title: **An Anti-phospholipase A2 Receptor Antibody Monitoring Program for Patients with Idiopathic Membranous Nephropathy**
S. K. Yee Medical Foundation Grant 2017. Amount: HK\$547,746
2. Project title: **A therapeutic drug monitoring program of mycophenolic acid in patients with lupus nephritis**
S. K. Yee Medical Foundation Grant 2013. Amount: HK\$132,000
3. Project title: **Lymphocyte subsets abnormalities – the role on relapse and the effect of immunosuppressive treatments in minimal change nephropathy**
Hong Kong Society of Nephrology Res2012earch Grant 2017. Amount: HK\$40,000
4. Project title: **The nephrotoxic and reno-protective effects of nucleotide/side analogues used for the treatment of chronic hepatitis B virus infection**
Hong Kong College of Physicians Young Investigator Research Grant 2016. Amount:

HK\$50,000

- Project title: **Use of serum asymmetric dimethylarginine and beta-trace protein to predict the development of hepatorenal syndrome in patients with advanced cirrhosis**

Hong Kong Society of Nephrology Research Grant 2015. Amount: HK\$40,000

- Project title: **Renal tubular epithelial cell-binding immunoglobulin G in lupus nephritis –impact on clinical activity, renal histopathology and immunopathogenesis**

Hong Kong College of Physicians Young Investigator Research Grant 2014. Amount: HK\$50,000

- Project title: **Binding activity of serum immunoglobulins to proximal tubular epithelial cells in patients with proliferative lupus nephritis**

Hong Kong College of Physicians Young Investigator Research Grant 2013. Amount: HK\$50,000

- Project title: **Use of novel plasma and urinary biomarkers to predict the development of hepatorenal syndrome in cirrhotic patients**

Hong Kong Society of Nephrology Research Grant 2012. Amount: HK\$40,000

- Project title: **Serum immunoglobulin levels and mesangial cell-binding activity in patients with severe lupus nephritis**

Hong Kong Society of Nephrology Research Grant 2009. Amount: HK\$40,000

Internal Grants as Principal Investigator

- Project title: **The effect of activated T lymphocytes on cytokine secretion in renal proximal tubular epithelial cells - implications in lupus nephritis**

HKU Seed Funding for Basic Research 2013. Amount: HK\$120,000

HRMF and RGC grants as co-investigator

- Project title: **Gut Microbiota Products in the Pathogenesis of Lupus Nephritis**

Health and Medical Research Fund (HMRF) 2013, Food and Health Bureau, HKSAR. Amount: HK\$958,992

- Project title: **A double blind randomized controlled trial of intradermal hepatitis B vaccination with topical imiquimod in dialyzed patients with chronic renal failure**

RGC GRF 2014 Amount: HK\$551,319

A8. Information on Professional Standing and Leadership

Position	Affiliation	Year
Council member	Hong Kong Society of Nephrology	Since 2014
Honorary Secretary	Asian Lupus Nephritis Network Steering Committee	Since 2012
Honorary Secretary	Hong Kong Society of Histocompatibility & Immunogenetics	2012-2013, 2015-2017

B. Teaching and Curriculum Development

<u>Position</u>	<u>Name of Committee</u>	<u>Period</u>
1. Chief Organizer	Final MB OSCE (Medicine)	03/2017
2. URO Coordinator	MBBS II Coordinating Sub-Committee	Since 09/2014
3. URO Clinical Skills Coordinator	Clinical Skills Sub-Committee	Since 09/2014
4. System Coordinator	MBBS II Urogenital System Block Planning Group	Since 09/2014
5. Departmental Representative	MBBS I CPRS Planning Group	Since 2017
6. Departmental Representative	MBBS II Urogenital System Block Planning Group	Since 09/2014
7. URO Clinical Skills Coordinator	MBBS II Urogenital System Block Planning Group	Since 09/2014
8. Member	Problem-based Learning Sub-Committee	Since 09/2014

C. Clinical Services and Mentorship*Clinical Services*

1. Honorary Consultant, Department of Medicine, Queen Mary Hospital (since Jun 2012)
2. Honorary Consultant, HKU-Shenzhen Hospital (since 01/06/2014)

Mentorship

1. Chief Coordinator, MRCP (PACES) training (QMH) (since 01/01/2015)
2. Trainer in Nephrology, Hong Kong College of Physicians (since 12/2013)
3. Trainer in Advanced Internal Medicine, Hong Kong College of Physicians (since 12/2013)

D. Knowledge Exchange**Knowledge Exchange Activity initiated by the LKS Faculty of Medicine**

Activity Title	Date	Brief Description
1 “Explore the World of Medicine” Public Lecture Series 2017	10/06/2017	Public lecture to educate the general public on the current and emerging treatments for lupus nephritis
2 Weekly Health Columns in Oriental Daily News-Novel treatments for Lupus Nephritis	13/05/2017	Newspaper article to educate the general public on novel treatments for lupus nephritis
3 Weekly Health Columns in am730-Acute Kidney Injury and Hepatorenal syndrome	20/03/2017	Newspaper article to educate the general public on acute kidney injury and hepatorenal syndrome
4 Weekly Health Columns in am730-Urinary Abnormalities	13/03/2017	Newspaper article to educate the general public on common symptoms of kidney disease
5 新世代醫生系列 葉逸軒專注研究揭腎病面紗	23/05/2015	Apple Daily interview to educate the general public and potential medical students on chronic kidney disease and renal replacement therapy

Other Knowledge Exchange Activity (with partners from professional societies)

	Activity Title	Date	Brief Description	Partner
1	RTHK 精靈一點 - 肥胖與腎病	29/03/2016	Radio program to educate the general public on obesity and kidney diseases	Hong Kong Society of Nephrology (HKSN)
2	Now TV [杏林在線] 兒童末期腎衰竭、洗腎及腎臟移植]	08/03/2016	TV program to educate the general public on inheritable renal diseases & renal replacement therapy	HKSN
3	[控糖者聯盟不容緩]及早控糖有助預防糖尿病併發腎衰竭	25/02/2016	Newspaper article to educate the general public on diabetic nephropathy	HKSN
4	Now TV 【杏林在線】糖尿病減弱腎功能	01/06/2015	TV program to educate the general public on the diabetic nephropathy	HKSN
5	Diabetes & Your Kidney" Health Exhibition & Seminar	26/04/2015	Seminar to educate the general public on diabetic nephropathy	Lions Kidney Educational Centre Research Foundation
6	新城知訊台:星期日保健日 (老年腎病)	08/03/2015	Radio program to educate the general public on renal failure in elderly	HKSN
7	RTHK 精靈一點 - 免疫相容性與移植	7/2013	Radio program to promote public awareness on organ donation	Hong Kong Society for Histocompatibility & Immunogenetics

28 September 2018