

# THE MAURITIAN ACADEMIC DIASPORA

Issue No 2

## Newsletter

December 2019

**Dr Anu Bissoonauth-Bedford** (Faculty of Law, Humanities & the Arts, University of Wollongong, Australia; email: [anu@uow.edu.au](mailto:anu@uow.edu.au)) published a special edition titled '*Hand in Hand? La Main dans la Main? Lame dan Lame?*' in collaboration with **Associate Professor Kumari Issur** (Dept of French Studies, Faculty of Social Sciences & Humanities, University of Mauritius) in March 2019

(<https://ro.uow.edu.au/mauritiuss50/>). This publication is a direct outcome of scholarly collaboration following the successful ICMAD conference in February 2018.

Latest Publication and scholarly activities include:

Bissoonauth, A. (2019) 'Language and attitude shift of young Mauritians in secondary education' in the Journal of Multilingual and Multicultural Development

<https://www.tandfonline.com/eprint/PZIJ2KEPHXPOGTB8EWZ/B/full?target=10.1080/01434632.2019.1677675>

With a \$54,000 New Columbo Plan (NCP) mobility grant from the Australian Government, Anu was in New Caledonia (16 November-2 December 2019) with her students majoring in Humanities & Sciences with French for an accredited language and interdisciplinary research in the Pacific course designed in collaboration with colleagues at the University of New Caledonia (UNC).

**Professor Emeritus Eileen Lohka** (School of Languages, Linguistics, Literatures and Cultures, University of Calgary, Canada; courriel: [elohka@ucalgary.ca](mailto:elohka@ucalgary.ca)).

As you may remember, Eileen retired last year. Although she is enjoying her retirement, she has nonetheless been active on several fronts: acting as reviewer for various academic journals as well as a literary manuscript for a Canadian Francophone publisher, and been a member in the PhD jury at the University of Tours in December 2018.

In addition, she translated 2 of her own French entries into English for the Dictionnaire JMG Le Clézio (Association des Lecteurs de JMG Le Clézio) and is now working on the 3<sup>rd</sup> (les oiseaux de Maurice, in Le Clézio's writing). We bet she will be even busier next year!

**Professor Vikass Monebhurrin** (Dept of Electromagnetics, CentraleSupélec, France; email: [vikass.monebhurrin@centralesupelec.fr](mailto:vikass.monebhurrin@centralesupelec.fr))

Congratulations to Vikass who is recipient of the IEEE Standards Association (IEEE-SA) International Award 2019 "For significant contributions to the development of international standards related to the fields of antennas and propagation". This award is presented annually to an IEEE-SA individual member who has made an extraordinary contribution to establishing the IEEE-SA as a world-class leader in standardization

(<https://standards.ieee.org/about/awards/intl/index.html>).

The Institute of Electrical and Electronics Engineers (IEEE, <https://www.ieee.org>) is the world's largest technical professional organization for the advancement of technology. The IEEE-SA International Award was presented during a ceremony on 8th November 2019 at the Hyatt New Brunswick, New Jersey, USA.

**Professor Sanjaye Ramgoolam** (Physics, Queen Mary University, London; email: [s.ramgoolam@qmul.ac.uk](mailto:s.ramgoolam@qmul.ac.uk)).

Sanjaye's research on translating one's three-dimensional intuition into definitions and 13 dimensional equations can be found in his:

Published papers:

1. S. Ramgoolam, "Permutation invariant Gaussian matrix models" was published in Nuclear Physics B, August 2019  
<https://www.sciencedirect.com/science/article/pii/S0550321319301683>
2. S. Ramgoolam and M. Sedlak, "Quantum information processing and composite quantum fields," Journal of High Energy Physics (JHEP), January 2019  
<https://link.springer.com/article/10.1007%2FJHEP01%282019%29170>

3. R. de Mello Koch and S. Ramgoolam, "Free field primaries in general dimensions: Counting and construction with rings and modules," JHEP August 2018.

## Research Talks:

1. Durban School in theoretical physics : "Applied holographic mathematics", January 2019
2. Corfu workshop on non-commutative field theory and gravity: "4D conformal quantum fields from 2D topological field theories and polynomial rings", September 2019
3. Dublin Institute for Advanced Study: "Tensor models, algebras and topological holography", November 2018

## Public Engagements:

1. Video interview on theoretical physics methods applied to computational linguistics, January 2019  
<https://www.youtube.com/watch?v=Bmy3yfGh1hQ>

---

**Associate Professor Vikash Ramiah** (Applied Finance, University of Wollongong, Dubai, email: VikashRamiah@uowdubai.ac.ae).

Vik was awarded the 2019 Research Excellence Award, with high commendation from his university.

Well done, Vik, and continue the good work!

---

**Professor Ganesh Sockalingum** (Université de Reims Champagne-Ardenne, UFR Pharmacie).

Ganesh is busy working on cure for cancer patients as highlighted by his research publications and projects below:

**Publications :**

Investigating pre-analytical requirements for serum and plasma based infrared spectro-diagnostic. Lovergne L, Lovergne J, Bouzy P, Untereiner V, Offroy M, Garnotel R, Thiéfin G, Baker MJ, **Sockalingum GD**. J Biophotonics. 2019 Jul 5:e201900177. doi: 10.1002/jbio.201900177. [Epub ahead of print].

Monitoring Radiotherapeutic Response in Prostate Cancer Patients Using High Throughput FTIR Spectroscopy of Liquid Biopsies. Medipally DKR, Nguyen TNQ, Bryant J, Untereiner V, **Sockalingum GD**, Cullen D, Noone E, Bradshaw S, Finn M, Dunne M, Shannon AM, Armstrong J, Lyng FM, Meade AD. Cancers (Basel). 2019 Jul 2;11(7). pii: E925. doi: 10.3390/cancers11070925.

Raman spectroscopy-based insight into lipid droplets presence and contents in liver sinusoidal endothelial cells and hepatocytes. Szafranec E, Kus E, Wislocka A, Kukla B, Sierka E, Untereiner V, **Sockalingum GD**, Chlopicki S, Baranska M. J

Biophotonics. 2019 Apr;12(4):e201800290. doi: 10.1002/jbio.201800290. Epub 2019 Jan 21.

Characterization of inflammatory breast cancer: a vibrational microspectroscopy and imaging approach at the cellular and tissue level. Mohamed HT, Untereiner V, Proult I, Ibrahim SA, Götte M, El-Shinawi M, Mohamed MM, **Sockalingum GD**, Brézillon S. Analyst. 2018 Dec 3;143(24):6103-6112. doi: 10.1039/c8an01292j.

**Projects :**

**Bilateral Franco-Polish Research and Mobility programme (PHC POLONIUM 2019).**

Title : Searching for spectroscopic markers of Non-Alcoholic Fatty Liver Disease (NAFLD) at single cell level.

Professor Małgorzata Barańska, Dept. of Chemistry, Jagiellonian University, Krakow, Poland.

**Bilateral Franco-British Research and Mobility programme (Royal Society International Exchanges, 2019).**

Title: Raman, FTIR and synchrotron FTIR imaging of drugs in live cells.

Dr Andrew Chan, Department of Pharmacy, King's College London.

---

**Associate Professor Bhama Peerun Steiger** (*Ecole de travail social et de la santé, Lausanne – Suisse ;*

*email : bhama.steiger@eesp.ch).*

Bhama collaborated with UoM colleagues from the Department of Sociology and Social Work earlier this year.

On 26 August 2019, she delivered a key note lecture titled : 'Ma bonne contraception: la santé sexuelle et reproductive des jeunes filles domestiques de Ouagadougou' at the UoM.

Her latest publications include :

Vaud Intégration... : <https://www.eesp.ch/laress/catalogue-des-recherches/detail/research/vaud-integration-vulnerabilities-responses-vivre-7309/>

Ma-bonne-contraception....:

<https://www.eesp.ch/laress/catalogue-des-recherches/detail/research/ma-bonne-contraception-la-sante-sexuelle-et-reproductive-des-jeunes-filles-domestiques-de-ouagadougou-7275/>

---

**Professor Kian Fan CHUNG** (*Respiratory Medicine, Imperial College London; email: f.chung@imperial.ac.uk).*

Many Congratulations to Fan who is now in the top 0.01% of scientists! This ranking was based on research impact using a metrics that captures not only total citations and h-index, but also co-authorship adjusted impact, and information on impact

in papers according to different author positions (single, first, last author).

The metrics have been published by Professor Ioannidis at Stanford University. Fan is globally classified as 1,047<sup>th</sup> from the field of 100,000 scientists that were looked at.

Very well done Fan!

#### Refereed publications since August 2018:

637. **Chung KF**. Shedding light on corticosteroid-resistant Type-2 high severe asthma. *J Allergy Clin Immunol*. 2018 Nov 13. pii: S0091-6749(18)31591-4.

638. Xu M, Li F, Wang M, Zhang H, Xu L, Adcock IM, **Chung KF**, Zhang Y. Protective effects of VGX-1027 in PM2.5-induced airway inflammation and bronchial hyperresponsiveness. *Eur J Pharmacol*. 2018 Nov 9. pii: S0014-2999(18)30658-7.

639. Wang M, Zhang Y, Xu M, Zhang H, Chen Y, **Chung KF**, Adcock IM, Li F. Roles of TRPA1 and TRPV1 in cigarette smoke - induced airway epithelial cell injury model. *Free Radic Biol Med*. 2019 Jan 9;134:229-238.

640. Shrine N, Portelli MA, John C, Soler Artigas M, Bennett N, Hall R, Lewis J, Henry AP, Billington CK, Ahmad A, Packer RJ, Shaw D, Pogson ZEK, Fogarty A, McKeever TM, Singapuri A, Heaney LG, Mansur AH, Chaudhuri R, Thomson NC, Holloway JW, Lockett GA, Howarth PH, Djukanovic R, Hankinson J, Niven R, Simpson A, **Chung KF**, Sterk PJ, Blakey JD, Adcock IM, Hu S, Guo Y, Obeidat M, Sin DD, van den Berge M, Nickle DC, Bossé Y, Tobin MD, Hall IP, Brightling CE, Wain LV, Sayers I. Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. *Lancet Respir Med*. 2019 Jan;7(1):20-34.

641. Brinkman P, Wagener AH, Hekking PP, Bansal AT, Maitland-van der Zee AH, Wang Y, Weda H, Knobel HH, Vink TJ, Ratray NJ, D'Amico A, Pennazza G, Santonico M, Lefaudeux D, De Meulder B, Auffray C, Bakke PS, Caruso M, Chanez P, **Chung KF**, Corfield J, Dahlén SE, Djukanovic R, Geiser T, Horvath I, Krug N, Musial J, Sun K, Riley JH, Shaw DE, Sandström T, Sousa AR, Montuschi P, Fowler SJ, Sterk PJ; U-BIOPRED Study Group. Identification and prospective stability of electronic nose (eNose)-derived inflammatory phenotypes in patients with severe asthma. *J Allergy Clin Immunol*. 2018 Dec 6. pii: S0091-6749(18)31722-6. doi: 10.1016/j.jaci.2018.10.058. [Epub ahead of print]

642. Ng Kee Kwong F, Nicholson AG, Pavlidis S, Adcock IM, **Chung KF**. PGAM5 expression and macrophage signatures in non-small cell lung cancer associated with chronic obstructive pulmonary disease (COPD). *BMC Cancer*. 2018 Dec 10;18(1):1238. doi: 10.1186/s12885-018-5140-9.

643. van Veldhoven K, Kiss A, Keski-Rahkonen P, Robinot N, Scalbert A, Cullinan P, **Chung KF**, Collins P, Sinharay R, Barratt BM, Nieuwenhuijsen M, Rodoreda AA, Carrasco-Turigas G, Vlaanderen J, Vermeulen R, Portengen L, Kyrtopoulos SA, Ponzi

E, Chadeau-Hyam M, Vineis P. Impact of short-term traffic-related air pollution on the metabolome - Results from two metabolome-wide experimental studies. *Environ Int*. 2019 Feb;123:124-131.

644. Djukanovic R, Adcock IM, Anderson G, Bel EH, Canonica GW, Cao H, **Chung KF**, Davies DE, Genton C, Gibson-Latimer T, Hamerlijck D, Heuvelin E, Louis R, Korn S, Kots M, Kwon N, Naddaf R, Wagers SS; SHARP Clinical Research Collaboration; Members of the CRC-SHARP. The Severe Heterogeneous Asthma Research collaboration, Patient-centred (SHARP) ERS Clinical Research Collaboration: a new dawn in asthma research. *Eur Respir J*. 2018 Nov 29;52(5). pii: 1801671. doi: 10.1183/13993003.01671-2018. Print 2018 Nov. No abstract available.

645. Saliccioli JD, Marshall DC, Shalhoub J, Maruthappu M, De Carlo G, **Chung KF**. Respiratory disease mortality in the United Kingdom compared with EU15+ countries in 1985-2015: observational study. *BMJ*. 2018 Nov 28;363:k4680. doi: 10.1136/bmj.k4680.

#### 2019:

646. Brandsma J, Goss VM, Yang X, Bakke PS, Caruso M, Chanez P, Dahlén SE, Fowler SJ, Horvath I, Krug N, Montuschi P, Sanak M, Sandström T, Shaw DE, **Chung KF**, Singer F, Fleming LJ, Sousa AR, Pandis I, Bansal AT, Sterk PJ, Djukanović R, Postle AD; U-BIOPRED Study Group. Lipid phenotyping of lung epithelial lining fluid in healthy human volunteers. *Metabolomics*. 2018 Sep 17;14(10):123.

647. **Chung KF**. Shedding light on corticosteroid-resistant type 2-high severe asthma. *J Allergy Clin Immunol*. 2019 Jan;143(1):89-90.

648. Xu M, Li F, Wang M, Zhang H, Xu L, Adcock IM, **Chung KF**, Zhang Y. Protective effects of VGX-1027 in PM2.5-induced airway inflammation and bronchial hyperresponsiveness. *Eur J Pharmacol*. 2019 Jan 5;842:373-383.

649. **Chung KF**. 2-year safety and efficacy results for benralizumab. *Lancet Respir Med*. 2019 Jan;7(1):5-6.

650. Roth-Walter F, Adcock IM, Benito-Villalvilla C, Bianchini R, Bjermer L, Caramori G, Cari L, **Chung KF**, Diamant Z, Eguiluz-Gracia I, Knol EF, Kolios AGA, Levi-Schaffer F, Nocentini G, Palomares O, Puzzovio PG, Redegeld FA, van Esch BCAM, Stellato C. Comparing biologicals and small molecule drug therapies for chronic respiratory diseases: An EAACI Taskforce on Immunopharmacology position paper. *Allergy*. 2018 Oct 24. doi: 10.1111/all.13642.

651. Wang H, FitzPatrick M, Wilson NJ, Anthony D, Reading PC, Satzke C, Dunne EM, Licciardi PV, Seow HJ, Nichol K, Adcock IM, **Chung KF**, Anderson GP, Vlahos R, Wark P, Bozinovski S. CSF3R/CD114 mediates infection-dependent transition to severe asthma. *J Allergy Clin Immunol*. 2019 Feb;143(2):785-788.

652. Simpson AJ, Hekking PP, Shaw DE, Fleming LJ, Roberts G, Riley JH, Bates S, Sousa AR, Bansal AT, Pandis I, Sun K, Bakke PS, Caruso M, Dahlén B, Dahlén SE, Horvath I, Krug N, Montuschi P, Sandstrom T, Singer F, Adcock IM, Wagers SS, Djukanovic R, **Chung KF**, Sterk PJ, Fowler SJ; U-BIOPRED Study Group. Treatable traits in the European U-BIOPRED adult asthma cohorts. *Allergy*. 2019 Feb;74(2):406-411.

653. Pavlidis S, Takahashi K, Ng Kee Kwong F, Xie J, Hoda U, Sun K, Elyasigomari V, Agapow P, Loza M, Baribaud F, Chanez P, Fowler SJ, Shaw DE, Fleming LJ, Howarth PH, Sousa AR, Corfield J, Auffray C, De Meulder B, Knowles R, Sterk PJ, Guo Y, Adcock IM, Djukanovic R, **Chung KF**; on behalf of the U-BIOPRED Study Group. "T2-high" in severe asthma related to blood eosinophil, exhaled nitric oxide and serum periostin. *Eur Respir J*. 2019 Jan 3;53(1). pii: 1800938. doi: 10.1183/13993003.00938-2018.

654. Espin-Pérez A, Krauskopf J, Chadeau-Hyam M, van Veldhoven K, **Chung F**, Cullinan P, Piepers J, van Herwijnen M, Kubesch N, Carrasco-Turigas G, Nieuwenhuijsen M, Vineis P, Kleinjans JCS, de Kok TMCM. Short-term transcriptome and microRNAs responses to exposure to different air pollutants in two population studies. *Environ Pollut*. 2018 Nov;242(Pt A):182-190.

655. Honkoop PJ, Simpson A, Bonini M, Snoeck-Stroband JB, Meah S, **Chung KF**, Usmani OS, Fowler S, Sont JK. MyAirCoach: the use of home-monitoring and mHealth systems to predict deterioration in asthma control and the occurrence of asthma exacerbations; study protocol of an observational study. *BMJ Open*. 2017 Jan 24;7(1):e013935. doi: 10.1136/bmjopen-2016-013935.

656. Schofield JPR, Burg D, Nicholas B, Strazzeri F, Brandsma J, Staykova D, Folisi C, Bansal AT, Xian Y, Guo Y, Rowe A, Corfield J, Wilson S, Ward J, Lutter R, Shaw DE, Bakke PS, Caruso M, Dahlen SE, Fowler SJ, Horváth I, Howarth P, Krug N, Montuschi P, Sanak M, Sandström T, Sun K, Pandis I, Riley J, Auffray C, De Meulder B, Lefaudeux D, Sousa AR, Adcock IM, **Chung KF**, Sterk PJ, Skipp PJ, Djukanović R; U-BIOPRED Study Group. Stratification of asthma phenotypes by airway proteomic signatures. *J Allergy Clin Immunol*. 2019 Mar 27. pii: S0091-6749(19)30415-4. doi: 10.1016/j.jaci.2019.03.013. [Epub ahead of print]

657. **Chung KF**, Adcock IM. Precision Medicine for the discovery of treatable mechanisms in severe Asthma. *Allergy*. 2019 Mar 13. doi: 10.1111/all.13771. [Epub ahead of print] Review.

658. Huang K, Yang T, Xu J, Yang L, Zhao J, Zhang X, Bai C, Kang J, Ran P, Shen H, Wen F, Chen Y, Sun T, Shan G, Lin Y, Xu G, Wu S, Wang C, Wang R, Shi Z, Xu Y, Ye X, Song Y, Wang Q, Zhou Y, Li W, Ding L, Wan C, Yao W, Guo Y, Xiao F, Lu Y, Peng X, Zhang B, Xiao D, Wang Z, Chen Z, Bu X, Zhang H, Zhang X, An L, Zhang S, Zhu J, Cao Z, Zhan Q, Yang Y, Liang L, Tong X, Dai H, Cao B, Wu T, **Chung KF**, He J, Wang C; China Pulmonary Health (CPH) Study Group. Prevalence, risk factors, and management of asthma in

China: a national cross-sectional study. *Lancet*. 2019 Jun 20. pii: S0140-6736(19)31147-X.

659. Xu M, Wang L, Wang M, Wang H, Zhang H, Chen Y, Wang X, Gong J, Zhang JJ, Adcock IM, **Chung KF**, Li F. Mitochondrial ROS and NLRP3 inflammasome in acute ozone-induced murine model of airway inflammation and bronchial hyperresponsiveness. *Free Radic Res*. 2019 Jun 27:1-11

660. Long L, Yao H, Tian J, Luo W, Yu X, Yi F, Chen Q, Xie J, Zhong N, **Chung KF**, Lai K. Heterogeneity of cough hypersensitivity mediated by TRPV1 and TRPA1 in patients with chronic refractory cough. *Respir Res*. 2019 Jun 6;20(1):112.

661. Stock CJW, Michaeloudes C, Leoni P, Durham AL, Mumby S, Wells AU, **Chung KF**, Adcock IM, Renzoni EA, Lindahl GE. Bromodomain and Extraterminal (BET) Protein Inhibition Restores Redox Balance and Inhibits Myofibroblast Activation. *Biomed Res Int*. 2019 Apr 18;2019:1484736.

662. Perotin JM, Schofield JPR, Wilson SJ, Ward J, Brandsma J, Strazzeri F, Bansal A, Yang X, Rowe A, Corfield J, Lutter R, Shaw DE, Bakke PS, Caruso M, Dahlén B, Fowler SJ, Horváth I, Howarth P, Krug N, Montuschi P, Sanak M, Sandström T, Sun K, Pandis I, Auffray C, De Meulder B, Lefaudeux D, Riley JH, Sousa AR, Dahlen SE, Adcock IM, **Chung KF**, Sterk PJ, Skipp PJ, Collins JE, Davies DE, Djukanović R; U-BIOPRED Study Group; U-BIOPRED;. Epithelial dysregulation in obese severe asthmatics with gastro-oesophageal reflux. *Eur Respir J*. 2019 Jun 27;53(6). pii: 1900453.

663. Budden KF, Shukla SD, Rehman SF, Bowerman KL, Keely S, Hugenholtz P, Armstrong-James DPH, Adcock IM, Chotirmall SH, **Chung KF**, Hansbro PM. Functional effects of the microbiota in chronic respiratory disease. *Lancet Respir Med*. 2019 Apr 8. pii: S2213-2600(18)30510-1.

664. Östling J, van Geest M, Schofield JPR, Jevnikar Z, Wilson S, Ward J, Lutter R, Shaw DE, Bakke PS, Caruso M, Dahlen SE, Fowler SJ, Horváth I, Krug N, Montuschi P, Sanak M, Sandström T, Sun K, Pandis I, Auffray C, Sousa AR, Guo Y, Adcock IM, Howarth P, **Chung KF**, Bigler J, Sterk PJ, Skipp PJ, Djukanović R, Vaarala O; U-BIOPRED Study Group. IL-17-high asthma with features of a psoriasis immunophenotype. *J Allergy Clin Immunol*. 2019 Apr 15. pii: S0091-6749(19)30484-1. doi: 10.1016/j.jaci.2019.03.027. [Epub ahead of print]

665. Pavlidis S, Monast C, Loza MJ, Branigan P, **Chung KF**, Adcock IM, Guo Y, Rowe A, Baribaud F. I\_MDS: an inflammatory bowel disease molecular activity score to classify patients with differing disease-driving pathways and therapeutic response to anti-TNF treatment. *PLoS Comput Biol*. 2019 Apr 30;15(4):e1006951. doi: 10.1371/journal.pcbi.1006951.

666. Mumby S, **Chung KF**, Adcock IM. Transcriptional Effects of Ozone and Impact on Airway Inflammation. *Front Immunol*. 2019 Jul 10;10:1610. doi: 10.3389/fimmu.2019.01610. eCollection 2019. Review.

667. Yii ACA, Tay TR, Puaah SH, Lim HF, Li A, Lau P, Tan R, Neo LP, **Chung KF**, Koh MS. Blood eosinophil count correlates with severity of respiratory failure in life-threatening asthma and predicts risk of subsequent exacerbations. *Clin Exp Allergy*. 2019 Jul 16. doi: 10.1111/cea.13465. [Epub ahead of print]

668. Leo BF, Fearn S, Gonzalez-Cater D, Theodorou I, Ruenraroengsak P, Goode AE, McPhail D, Dexter DT, Shaffer M, **Chung KF**, Porter AE, Ryan MP. Label-Free Time-of-Flight Secondary Ion Mass Spectrometry Imaging of Sulfur-Producing Enzymes inside Microglia Cells following Exposure to Silver Nanowires. *Anal Chem*. 2019 Aug 14. doi: 10.1021/acs.analchem.9b01704. [Epub ahead of print]

669. Xu M, Zhang Y, Wang M, Zhang H, Chen Y, Adcock IM, **Chung KF**, Mo J, Zhang Y, Li F. TRPV1 and TRPA1 in Lung Inflammation and Airway Hyperresponsiveness Induced by Fine Particulate Matter (PM<sub>2.5</sub>). *Oxid Med Cell Longev*. 2019 Jun 2;2019:7450151. doi: 10.1155/2019/7450151. eCollection 2019.

670. Huang K, Yang T, Xu J, Yang L, Zhao J, Zhang X, Bai C, Kang J, Ran P, Shen H, Wen F, Chen Y, Sun T, Shan G, Lin Y, Xu G, Wu S, Wang C, Wang R, Shi Z, Xu Y, Ye X, Song Y, Wang Q, Zhou Y, Li W, Ding L, Wan C, Yao W, Guo Y, Xiao F, Lu Y, Peng X, Zhang B, Xiao D, Wang Z, Chen Z, Bu X, Zhang H, Zhang X, An L, Zhang S, Zhu J, Cao Z, Zhan Q, Yang Y, Liang L, Tong X, Dai H, Cao B, Wu T, **Chung KF**, He J, Wang C; China Pulmonary Health (CPH) Study Group. Prevalence, risk factors, and management of asthma in China: a national cross-sectional study. *Lancet*. 2019 Aug 3;394(10196):407-418. doi: 10.1016/S0140-6736(19)31147-X. Epub 2019 Jun 20.

671. Xu M, Wang L, Wang M, Wang H, Zhang H, Chen Y, Wang X, Gong J, Zhang JJ, Adcock IM, **Chung KF**, Li F. Mitochondrial ROS and NLRP3 inflammasome in acute ozone-induced murine model of airway inflammation and bronchial hyperresponsiveness. *Free Radic Res*. 2019 Jul;53(7):780-790. doi: 10.1080/10715762.2019.1630735. Epub 2019 Jun 27.

672. Zhang JJ, Adcock IM, Bai Z, **Chung KF**, Duan X, Fang Z, Gong J, Li F, Miller RK, Qiu X, Rich DQ, Wang B, Wei Y, Xu D, Xue T, Zhang Y, Zheng M, Zhu T. Health effects of air pollution: what we need to know and to do in the next decade. *J Thorac Dis*. 2019 Apr;11(4):1727-1730. doi: 10.21037/jtd.2019.03.65. No abstract available.

673. Long L, Yao H, Tian J, Luo W, Yu X, Yi F, Chen Q, Xie J, Zhong N, **Chung KF**, Lai K. Heterogeneity of cough hypersensitivity mediated by TRPV1 and TRPA1 in patients with chronic refractory cough. *Respir Res*. 2019 Jun 6;20(1):112. doi: 10.1186/s12931-019-1077-z.

674. Stock CJW, Michaeloudes C, Leoni P, Durham AL, Mumby S, Wells AU, **Chung KF**, Adcock IM, Renzoni EA, Lindahl GE. Bromodomain and Extraterminal (BET) Protein Inhibition Restores Redox Balance and Inhibits Myofibroblast Activation.

*Biomed Res Int*. 2019 Apr 18;2019:1484736. doi: 10.1155/2019/1484736. eCollection 2019.

675. Huang HY, Lo CY, Yang LY, Chung FT, Sheng TF, Lin HC, Lin CW, Huang YC, Chang CJ, **Chung KF**, Wang CH. Maintenance Negative Pressure Ventilation Improves Survival in COPD Patients with Exercise Desaturation. *J Clin Med*. 2019 Apr 25;8(4). pii: E562. doi: 10.3390/jcm8040562.

676. Perotin JM, Schofield JPR, Wilson SJ, Ward J, Brandsma J, Strazzeri F, Bansal A, Yang X, Rowe A, Corfield J, Lutter R, Shaw DE, Bakke PS, Caruso M, Dahlén B, Fowler SJ, Horváth I, Howarth P, Krug N, Montuschi P, Sanak M, Sandström T, Sun K, Pandis I, Auffray C, De Meulder B, Lefaudeux D, Riley JH, Sousa AR, Dahlen SE, Adcock IM, **Chung KF**, Sterk PJ, Skipp PJ, Collins JE, Davies DE, Djukanović R; U-BIOPRED Study Group; U-BIOPRED:. Epithelial dysregulation in obese severe asthmatics with gastro-oesophageal reflux. *Eur Respir J*. 2019 Jun 27;53(6). pii: 1900453. doi: 10.1183/13993003.00453-2019. Print 2019 Jun. No abstract available.

677. McGarvey L, Dupont L, Birring SS, Boyd J, **Chung KF**, Dabrowska M, Domingo C, Fontana G, Guilleminault L, Kardos P, Millqvist E, Morice AH, Smith JA, van den Berg JW, Van de Kerkhove C; NEUROCOUGH Clinical Research Collaboration. New understanding in the treatment of cough (NEUROCOUGH) ERS Clinical Research Collaboration: improving care and treatment for patients with cough. *Eur Respir J*. 2019 May 30;53(5). pii: 1900787. doi: 10.1183/13993003.00787-2019. Print 2019 May. No abstract available.