



Dear JCC Community,

I hope you've had a restful and productive summer. It's great to see people returning from leave refreshed and ready for the next semester.

Over the next few weeks there will be orientations for all taught programmes, both at a University, College and Departmental level. Your attendance is encouraged and is an excellent opportunity to set the tone for our programmes, focusing on our collegiality, friendliness, diversity and inclusivity.

As we go into the new teaching academic year, there will be many new initiatives being rolled out. Let's continue to unite as a College, drawing on the strengths of each department, to grow together as a whole. The sum of our parts is indeed much greater than the individual parts themselves.

This weekend the Heads and Deans will be on a retreat with the new senior management team, working together to build a better, brighter future for City University. It is an exciting time to be at CityU.

Kind regards

Dean



Jockey Club College of Veterinary
Medicine and Life Sciences

香港城市大學
City University of Hong Kong
in collaboration with Cornell University



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News From Our Departments

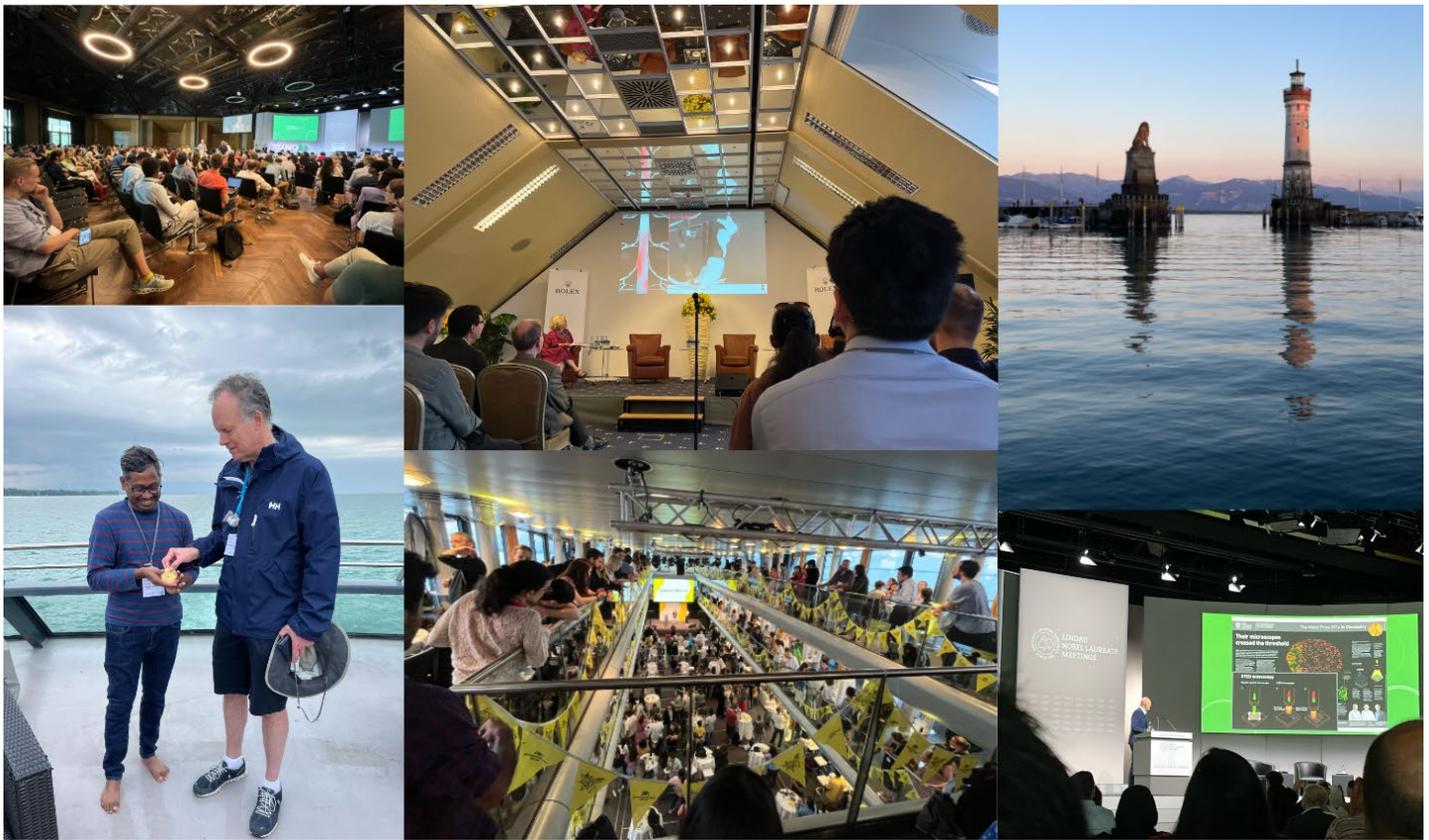
Infectious Diseases and Public Health

Research (included new awards, new publications, new **successful** external grants, etc.)

- **Prof. Akos Kenez's** proposal on "Lauric acid enrichment of black soldier fly (*Hermetia illucens*) larvae fat for enhanced antibacterial activity" was approved for funding by the UGC's GRF scheme 2023/24.
- **Prof. Patrick BUTAYE** published an article "The Diversity and Zoonotic Potential of *Staphylococcus pseudintermedius* in Humans and Pet Dogs in Trinidad and Tobago" has been published in *Antibiotics* as part of the Special Issue *Epidemiology, Virulence Factors and Antimicrobial Resistance in Staphylococcus aureus* and is available online: <https://urldefense.com/v3/https://www.mdpi.com/2079-6382/12/8/1266> ;!!KjDnqvtnNPT!j14ji69BVO2tjfs8 okra7EKbZJyT2KFUn UifkB7DJq0pVEp27IZQPscRBOmvmvTFsWnroc OuE0S3X7AJT8HqHP\$
- Research visit to Museums Victoria Melbourne: Mike Schindler and **Mason Dean** performed laser scanning and macro-lens imaging of a unique basking shark specimen, with a focus on skin properties. Measurements of anatomical specimens and digital data processing with grant collaborator, and establishment of new local collaborators for μ CT imaging and histologic specimens of tissue samples.
- Ibrahim A, **Kenéz Á**, Rodehutsord M, Siegert W. The influence of substituting dietary peptide-bound with free amino acids on nitrogen metabolism and acid-base balance of broiler chickens depends on asparagine and glutamine supply. *British Journal of Nutrition* (2023) 1-13. <https://doi.org/10.1017/S0007114523001617>
- Abou Elez RMM, **Elsohaby I**, Al-Mohammadi A-R, Seliem M, Tahoun ABMB, Abousaty AI, Algendy RM, Mohamed EAA and El-Gazzar N (2023) Antibacterial and anti-biofilm activities of probiotic *Lactobacillus plantarum* against *Listeria monocytogenes* isolated from milk, chicken and pregnant women. *Front. Microbiol.* 14:1201201. doi: <https://doi.org/10.3389/fmicb.2023.1201201>
- Ahmed, H.A., **Elsohaby, I.**, Elamin, A.M. et al. Extended-spectrum β -lactamase-producing *E. coli* from retail meat and workers: genetic diversity, virulotyping, pathotyping and the antimicrobial effect of silver nanoparticles. *BMC Microbiol* 23, 212 (2023). <https://doi.org/10.1186/s12866-023-02948-0>
- El Damaty, H.M.; El-Demerdash, A.S.; Abd El-Aziz, N.K.; Yousef, S.G.; Hefny, A.A.; Abo Remela, E.M.; Shaker, A.; **Elsohaby, I.** Molecular Characterization and Antimicrobial Susceptibilities of *Corynebacterium pseudotuberculosis* Isolated from Caseous Lymphadenitis of Smallholder Sheep and Goats. *Animals* 2023, 13, 2337. <https://doi.org/10.3390/ani13142337>

Service, events, conference, and symposium

- **Dr. SURAPANENI Venkata Amarnadh** applied and have been invited as a 'visiting scientist' to attend the 72nd Lindau Nobel Laureate meeting in Lindau, Germany, held from 25th to 30th June 2023. The event comprised a diverse range of cutting-edge topics in health and medicine in the form of lectures by Laureates and Next Gen Science presentations from young scientists, Agora talks, science walks and Next Gen sessions, it was a fantastic platform and once-in-a-life-time opportunity to interact and share science with accomplished Nobel Laureates and young scientists around the world working on interdisciplinary aspects of health and medicine.



Biomedical Sciences

Events

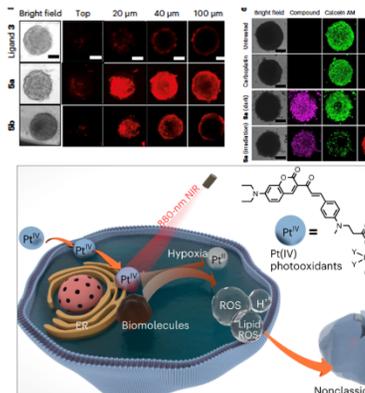
Prof Yu HUANG and **Prof Huiyong YIN** attend the 2023 Redox Biology and Medicine Meeting took place at Xiamen University in Xiamen, China, from 10 to 13 August 2023. This prestigious event was organized by SFRBM-China (The Society for Free Radical Biology and Medicine-China), a sub-society affiliated with the Biophysical Society of China. Prof YIN has been serving as the Secretary General of SFRBM China since 2020, he chaired a workshop dedicated to multi-omics techniques in redox research, as well as a session titled "Meet the Editors," which provided an opportunity for face-to-face discussions with the editors, editorial board members, and publishers of prominent journals in the field, including *Redox Biology*, *Free Radical Biology and Medicine*, *Antioxidants*, and *Biophysics Reports*. SFRBM China is also a member society of SFRR-Asia (Society for Free Radical Research-Asia), boasting over 500 regular members in China.

On 13 August 2023, Prof HUANG delivered a captivating keynote lecture titled "Hemodynamic Regulation and Endothelial Cell Homeostasis." In addition, he was invited as a senior investigator to participate in the pre-meeting symposium on "Challenges and Opportunities for Redox Research in China," where he joined more than sixty other panel members and experts working in the field of redox biology and medicine.



Research (included new awards, new publications, new **successful** external grants, etc.)

Near-infrared-activated anticancer platinum(IV) complexes directly photooxidize biomolecules in an oxygen-independent manner

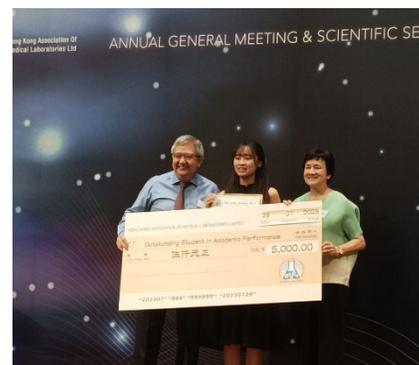


Prof He Mingliang (BMS) and Prof. Zhu Guangyu (CHEM) jointly published a paper entitled as "Near-infrared-activated anticancer platinum (IV) complexes directly photooxidize biomolecules in an oxygen-independent manner" in *Nature Chemistry* for novel anticancer drug development.

DOI: <https://www.nature.com/articles/s41557-023-01242-w>

Award

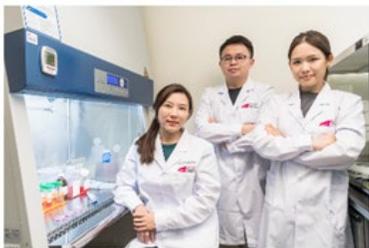
A Year-4 BSc in Biomedical Sciences student, Miss MAN Wai Ingrid has recently received the Book Prize for the Outstanding Academic Performance in 2022–2023 from The Hong Kong Association of Medical Laboratories (HKAML) at the Annual General Meeting (AGL) held on 28 July 2023. Congratulations to Ingrid for her achievements and wish you to keep up with her good work!



Neuroscience

Events

Genetically modified neural stem cells showing promising therapeutic potential for spinal cord injury



- A major advance in treating spinal cord injuries by using genetically modified human neural stem cells has been made by a team co-led by CityU and the University of Hong Kong. **Professor Jessica Aijia LIU**, and the team have discovered that modifying specific genes in hNSCs can alter their intrinsic actions, effectively driving nerve regeneration to repair damage and ultimately restoring locomotor functions. [View more in CityU Research](#)

ABC Discovering the pleasure of deep listening



- Prof Jan SCHNUPP appeared in a live Radio interview about "[Discovering the pleasure of deep listening](#)" for the Australian Broadcasting Corporation (ABC) radio show "Life Matters" on 14 August 2023.



- Prof Qiang LIU gave a plenary talk at the 24th International C. elegans conference in Glasgow, Scotland on 25 June 2023

Research (included new awards, new publications, new **successful** external grants, etc.)



HJ Kang, R Aukstulewicz, CH Chan, D Cappotto, VG Rajendran, **JWH Schnupp** (2003) Cross-modal Implicit Learning of Random Time Patterns, Hearing Research, 108857 [Link to shared data](#) & [Link to the article](#)

R Aukstulewicz, V Rajendran, F Peng, **J Schnupp**, Nicol Harper (2023) Omission responses in local field potentials in rat auditory cortex. BMC Biol. doi: 10.1186/s12915-023-01592-4. [Link to the article](#)

K Ma, **JWH Schnupp** (2023) The unity hypothesis revisited: can the male/female incongruent McGurk effect be disrupted by familiarization and priming?, DOI: 10.3389/fpsyg.2023.11065. [Link to the article](#)

Akter, M., Ma, H., Hasan, M., Karim, A., **Xiaowei Zhu.**, Zhang, L., & **Ying LI***. (2023). Exogenous L-lactate administration in rat hippocampus increases expression of key regulators of mitochondrial biogenesis and antioxidant defense. Frontiers in Molecular Neuroscience, 16, [1117146]. [Link to the article](#)

Du, L., He, X., Fan, X., Wei, X., Xu, L., Liang, T., Wang, C., Ke, Y. & **Yung, W.H.*** (2023). Pharmacological intervention targeting α -synuclein aggregation triggered REM sleep behavior disorder and early development of Parkinson's disease. Pharmacology & Therapeutics, 249, 108498. doi:10.1016/j.pharmthera.2023.108498 [Link to the article](#)

Veterinary Clinical Sciences

Research

- **Dr. Sabrina Marangoni** presented an oral abstract entitled “AN ETHOGRAM OF ACUTE PAIN BEHAVIORS IN CATS BASED ON EXPERT CONSENSUS” at the International Society of Feline Medicine (ISFM) meeting in Dublin, Ireland, June 29th-July 1st. She is a PhD student of Professor Paulo Steagall.
- **Professor Paulo Steagall** presented two abstracts (Artificial intelligence for prediction of grimace scale scores for acute pain management: a model using the Feline Grimace Scale© and Pharmacokinetics of bupivacaine after bilateral maxillary and inferior alveolar nerve blocks in adult cats) during the 15th International Congress of the European Association for Veterinary Pharmacology and Toxicology held in Bruges, Belgium, July 2-5, 2023.
- **Professor Stefan Hobi** is involved in an international collaboration project entitled “Retrospective study of spindle cell tumours in the face of cats”, where an abstract will be presented at this year’s veterinary pathology conference: Joint Congress of Veterinary Pathology and Veterinary Clinical Pathology 2023, Lisbon, Portugal.

New Publications:

- Cachon T, Frykman O, Innes JF, Lascelles BDX, Okumura M, Sousa P, Staffieri F, **Steagall PV** and Van Ryssen B (2023) COAST Development Group’s international consensus guidelines for the treatment of canine osteoarthritis. Front. Vet. Sci. 10:1137888. doi: [10.3389/fvets.2023.1137888](https://doi.org/10.3389/fvets.2023.1137888)

- **Hobi S, Barrs VR, Bęczkowski PM.** Dermatological Problems of Brachycephalic Dogs. *Animals*. 2023; 13(12):2016. <https://doi.org/10.3390/ani13122016>
- **Bukhari SSUH, McElligott AG, Rosanowski SM, Parkes RSV.** 2023. Recognition of emotion and pain by owners benefits the welfare of donkeys in a challenging working environment. *PeerJ* 11:e15747 <http://doi.org/10.7717/peerj.15747>

Service

- The 2023 World Small Animal Veterinary Association (WSAVA) list of Essential Medicines for cats and dogs will be released during the WSAVA annual meeting in Lisbon, Portugal, September 27-29, 2023. Both **Professors Paulo Steagall and Pawel Bęczkowski** are coauthors of the document.
- **Professors May Tse and Eloi Guarnieri** successfully led two sessions of this summer's CityU-Learning Classroom for Secondary School Students to inspire young talents to explore veterinary education and nurture their passion. In the sessions entitled "*What It's Really Like to be a Veterinarian and More*" and "*Is There a Vet on the Farm?*", the students were introduced to the roles and daily activities of a veterinarian in the clinics and farm and other possible job careers of a veterinarian.



Award / Others

- The Veterinary Clinical Teaching Award acknowledges academic faculty with outstanding clinical teaching performance and promotes best teaching practices in the Department. With the highest Teaching & Learning Questionnaire (TLQ) overall score rated by the students, **Professor Colin McDermott** is the recipient of this Award in the academic year of 2022-23. Congratulations to Professor McDermott on this well-deserved award!



Research Grants

Notable grants application deadlines upcoming:

1. [ITF - Innovation and Technology Support Programme \(Mid-stream, theme-based\)](#)
Deadline: 8 September 2023
2. [Guangdong Basic and Applied Basic Research Fund Shenzhen Joint Fund Programme](#)
[广东省基础与应用基础研究基金深圳市联合基金项目](#)

Deadline: 11 September 2023

3. [RGC Areas of Excellence \(AoE\) Scheme / RGC Theme-based Research Scheme \(TRS\)](#)

Deadline: 12 September 2023

4. [RGC Postdoctoral Fellowship Scheme \(PDFS\)](#)

Deadline: 25 September 2023

5. [ITF - Platform Research Projects and Seed Projects of Innovation and Technology Support Programme \(ITSP\)](#)

Deadline: 16 October 2023

6. [Jockey Club Global STEM Post-doctoral Fellowship for Translational Research and Application](#)

Deadline: 2 November 2023

For more information on Research Grants

[Research Grants and Contracts Office](#)

Diversity, Equity and Inclusion (DEI)

Upcoming DEI Events

Click on the events tab on our DEI website for the full list of events

<https://www.cityu.edu.hk/jcc/about-us/diversity-equity-and-inclusion>

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