

:
:
:
: (+853) 88971776
: inwong@must.edu.mo



: R 209D

, ,
, ,
,
,
Nucleic Acid Res., eLife, Sci.
Rep.
,
,
Food Chem.:X, Int. J. Biol. Macromol.

2012 (Outright Pass)
2007 () (Distinction)
2006

2019 7
2013 2019
2012 2013
2007 2008

2008 2012
2006 2007
2002 2006
2002
1999

-
1. Wong Io Nam (PI), Sookja Kim Chung (Co-I), Molecular mechanism of Caulerpa sulfated polysaccharides on immunometabolic reprogramming by targeting COX-2-induced ferroptosis, FDCT-NSFC 2022-2024. Project No. 0069/2021/AFJ.
 2. Wong Io Nam (PI), Characterization of potential novel pro- and anti-viral host factors from proximity-dependent biotin identification (BioID) screen for SV40 host restriction factor FAM111A, FRG 2022-2023. Project No. FRG-22-022-FMD.
 3. Zhang Kang (PI), Wong Io Nam (Co-I), Simon Wing Fai Mok (Co-I), Induction of conjunctival stem cells into limbal-like stem cells and corneal reconstruction, FDCT 2020-2023. Project No. 0007/2020/AFJ.
 4. Simon Wing Fai Mok (PI), Wong Io Nam (Co-I), Vincent Kam Wai Wong (Co-I), To unveil the modulatory role of p53 aggregates in the progression of Rheumatoid Arthritis, FDCT 2023-2025. Project No. 0037/2022/ITP.
 5. Olivia Monteiro (PI), Wong Io Nam (Co-I), Brian Tomlinson (Co-I), Christopher Wai Kei Lam (Co-I), Effects of Sinopharm BBIBP-CorV and BioNTech mRNA primary vaccine series with homologous and heterologous boosters against SARS-CoV2 variants of concern in a local population in Macao. FDCT 2022-2023. Project No. 0106/2021/A.

-
1. IV O 9 HH@K LL K@L B HL L CE V
VX V X WV X
V V ((8 C X ,
 2. F 8 8 V IL OV 9L L CO NAV 7N@ B HL 9 V
G9 HG A L A A L K@L I V VX
V V V (V (9
6 XX
 3. L NA V AOV MA AO OVL L C V G
6 VXXV 8V VX V X XV
V VX V G6L +), 8 M)/
((
 4. NV AA MVM L C 8 H@: H GLV 7 V G
H V VXXV J VV V W H X V
XVX V V VX W V X
G6L +), X 8 /M (/ +)
 5. MVM V OV ML C 8 H@ 8 OM 7 V G
V V VXXV 8V VX V V VV
X WX C 7 V V V G6L +), VX V
7 BX - /((
 6. B D 7 V V 6 L C C 6@B 7V V 9I I VX
W XX V XV AW6 MDC
V 6 E : X)) /, , -
 7. L CC EHD HXV V HD V 8V H L WB8 .
I B X V V V V
A -)., -)
 8. B 86 C BD 6 L CD V 7 8 L B8
, V V V XV X
V 9C6 XV A +).
 9. L CHV GHV 8B + 7VX VI 9 X V
WVX V HX XG +(.)
 10. L CHV GHV 8B (8 VX V V VW V
XV X W WX V I C X X6X G) -) -, +

Curriculum Vitae

Name: Io Nam Wong

Position: Assistant Professor

Affiliation: Macau University of Science and Technology

Contact no.: (+853) 88971776

E-mail: inwong@must.edu.mo

ORCID: 0000-0002-4500-1758



Address: Room 209D, Faculty of Medicine, Macau University of Science and Technology, Praia Park Block R, Coloane, Macau

Biography

9 CV L V V V VX B X BJ HI
X . VX 7 HX + 7 V 7 C V
J V X B HX , B X V B X X V
E 9 B X J H J @ 7
BJ HI 9 L V V X V VX V J H
V D V V V V W X
X V W X W V X X V
9 C 6 XV V V VX V V I
W X V
X VX V VX V V V V VX
XV X V V V
XV H X W
V G X V W V V V W V
X D V V X W B VX H G

Qualifications

2012: PhD in Medicine, University of Sheffield (Outright Pass)

2007: MSc in Molecular Medicine (Genetics) with Distinction, University of Sheffield

2006: BSc in Biology, Beijing Normal University

Positions

Jul 2019 – present: Assistant Professor, Macau University of Science and Technology
2013 – 2019: Postdoctoral Research Fellow, University of Oxford
2012 – 2013: Postdoctoral Research Fellow, University of Sheffield
2007 – 2008: Graduate Technician, University of Sheffield

Selected Awards and Honours

2008-2012: Sheffield University Doctoral Fellowship
2006-2007: Macau Postgraduate Scholarship
2002-2006: Macau Tertiary Scholarship
2002: Macau Lotus award
... / B VV V V

Current Professional Activities

Member of academic integrity committee
Member of student disciplinary committee
Member of interdisciplinary teaching laboratory committee
Member of selection committee for MBBS programme
Member of academic assessment committee for MBBS programme

Research Project Grants

1. Wong Io Nam (PI), Sookja Kim Chung (Co-I), Molecular mechanism of Caulerpa sulfated polysaccharides on immunometabolic reprogramming by targeting COX-2-induced ferroptosis, FDCT-NSFC 2022-2024. Project No. 0069/2021/AFJ.
2. Wong Io Nam (PI), Characterization of potential novel pro- and anti-viral host factors from proximity-dependent biotin identification (BioID) screen for SV40 host restriction factor FAM111A, FRG 2022-2023. Project No. FRG-22-022-FMD.
3. Zhang Kang (PI), Wong Io Nam (Co-I), Simon Wing Fai Mok (Co-I), Induction of conjunctival stem cells into limbal-like stem cells and corneal reconstruction, FDCT 2020-2023. Project No. 0007/2020/AFJ.
4. Simon Wing Fai Mok (PI), Wong Io Nam (Co-I), Vincent Kam Wai Wong (Co-I), To unveil the modulatory role of p53 aggregates in the progression of Rheumatoid Arthritis, FDCT 2023-2025. Project No. 0037/2022/ITP.
5. Olivia Monteiro (PI), Wong Io Nam (Co-I), Brian Tomlinson (Co-I), Christopher Wai Kei Lam (Co-I), Effects of Sinopharm BBIBP-CorV and BioNTech mRNA

primary vaccine series with homologous and heterologous boosters against SARS-CoV2 variants of concern in a local population in Macao. FDCT 2022-2023. Project No. 0106/2021/A.

Representative Publications

1. Tam HH, Zhu D, Ho SSK, Vong HW, Wong VKW, Mok SWF, Wong IN. Potential enhancement of post-stroke angiogenic response by targeting the oligomeric aggregation of p53 protein (2023). *8 C X*,
2. Qiu C, Chan JTW, Zhang DW, Wong IN, Zeng Y, Law BYK, Mok SWF, Dias IRDSR, Liu W, Liu L, Wong VKW. The potential development of drug-resistance in rheumatoid arthritis patients identified with p53 mutations (2023). *Genes Dis.* (Accepted)
3. Wu Y, Liu J, Hao H, Hu L, Zhang X, Luo L, Zeng J, Zhang W, Wong IN, Huang R. A new polysaccharide from *Caulerpa chemnitzia* induces molecular shifts of immunomodulation on macrophages RAW264.7 (2022). *Food Chem.:X*, 14: 100313.
4. Yang L, Liu J, Xia X, Wong IN, Chung SK, EI-Seedi HR, Wang B, Hunag R. Sulfated heteropolysaccharides from *Undaria pinnatifida*: Structural characterization and transcript-metabolite profiling of immunostimulatory effects on RAW264. 7 cells (2022). *Food Chem.: X*, 13:100264.
5. Xia X, Hao H, Zhang X, Wong IN, Chung SK, Chen Z, Xu B, Huang R. Immunomodulatory sulfated polysaccharides from *Caulerpa racemosa* var. *peltata* induces metabolic shifts in NF- κ B (2021). *Int J Biol Macromol.*, 182:321-332.
6. Monteiro O, Bhaskar A, Wong IN, Ng AKM, Baptista-Hon DT. Teaching bioelectricity and neurophysiology to medical students using LabAXON simulations (2021). *Adv Physiol Educ.*, 45(4):702-708.
7. Wong IN, Neo JPS, Oehler J, Schafhauser S, Osman F, Carr SB, Whitby MC (2019). The Fml1-MHF complex suppresses inter-fork strand annealing in fission yeast. *eLife*, 8, e49784
8. Morrow CA, Nguyen MO, Fower A, Wong IN, Osman F, Bryer C, Whity MC (2017). Inter-fork strand annealing causes genomic deletions during the termination of DNA replication. *eLife*, 6, e25490.
9. Wong IN, Sayers JR, Sanders CM (2016). Bacteriophage T5 gene D10 encodes a branch-migration protein. *Scientific Reports*, 6, 39414.
10. Wong IN, Sayers JR, Sanders CM (2013). Characterization of an unusual bipolar helicase encoded by bacteriophage T5. *Nucleic Acids Res*, 41(8), 4587-600.