



## DR. NOOR AKMAR BINTI NAM

PENSYARAH UNIVERSITI DS13

### CONTACT

**Phone:** 03-42892457

**E-mail:**  
noorakmar@usim.edu.my

**Faculty:** Fakulti Pergigian

### SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,  
Ongoing: 1

## AREAS OF EXPERTISE

Histology

Oral Pathology

Bacteriology

Cancer

Molecular Genetics

## ACADEMIC QUALIFICATION

PhD in Cancer Biology (2013)

Master in Molecular And Genetic Medicine (2005)

Bachelor in Biomedical Science (2003)

## RESEARCH

### 1. COMPARATIVE EVALUATION OF BRF1 AND BRF2 EXPRESSION IN ORAL CANCERS

2024 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING  
MAIN RESEARCHER

### 2. DEVELOPMENT OF SALIVA-BASED BIOSENSOR DEVICE FOR RAPID SCREENING OF PERIODONTAL CONDITIONS

2023 GERAN KPT ON GOING MAIN RESEARCHER

### 3. ELUCIDATION OF RNA POLYMERASE III DYSREGULATION MECHANISM VIA JNK-ACTIVATED PATHWAY IN MALAYSIAN ORAL SQUAMOUS CELL CARCINOMA.

2022 GERAN PENYELIDIKAN USIM ON GOING MAIN RESEARCHER

### 4. DETECTION OF COMMON LOSS OF HETEROZYGOSITY (LOH) IN RETROSPECTIVE ORAL DYSPLASIA AND ORAL SQUAMOUS CELL CARCINOMA TISSUES

2022 BIDUNI MIZANNIYAH COMPLETED MAIN RESEARCHER

**5. ELUCIDATION OF TUALANG HONEY INCORPORATION  
MECHANISM FOR EPITHELIAL REGENERATION OF PRIMARY  
NORMAL ORAL MUCOSAL MODEL.**

2020

GERAN KPT

ON GOING

CO-RESEARCHER

# RESEARCH

---

## 6. ASSESSMENTS OF SALIVARY BIOMARKERS FOR APPLICATION ON BIOSENSOR IN THE DIAGNOSIS OF PERIODONTAL DISEASE

2019 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

## 7. TRANSCRIPTOME ANALYSIS OF ORAL PATHOGENS IN RESPONSE TO TANNIN

2018 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

## 8. THE ANTIMICROBIAL ACTIVITY OF TANNIN FROM PHYLLANTUS COLUMNARIS STEM BARK AGAINST C. ALBIANS, P. GINGIVALIS AND S. MUTANS : AN IN VITRO PATHOGENS.

2017 GERAN PENYELIDIKAN HEADSTART PROGRAM COMPLETED MAIN RESEARCHER

## 9. LOSS OF HETEROZYGOSITY (LOH) PROFILING IN ORAL DYSPLASIA LEADING TO ORAL CARCINOMA IN MALAYSIAN PATIENTS

2017 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

# PUBLICATION

---

## 1. THE SPE-BASED ELECTROCHEMICAL BIOSENSOR FOR ORAL CANCER BIOMARKERS DETECTION IN REAL SAMPLE FOR FUTURE DEVELOPMENT OF POINT-OF-CARE DEVICE: A SCOPING REVIEW

1ST NATIONAL CANCER CONGRESS MALAYSIA 2024

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

## 2. A COMPARATIVE REVIEW OF DIFFERENT SALIVARY BIOMARKERS DETECTION BY ELECTROCHEMICAL BIOSENSOR IN THE DIAGNOSIS AND MONITORING OF PERIODONTAL DISEASES

INTERNATIONAL CONFERENCE ON INTEGRATIVE PHYSIOLOGY AND MOLECULAR MEDICINE (ICPIMM) 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

## 3. POLISI DAN PROSEDUR BIOKESELAMATAN DAN BIOSEKURITI USI 2024

2024 POLICY

## 4. POLISI DAN PROSEDUR BIOKESELAMATAN DAN BIOSEKURITI USIM 2024

2024 POLICY

## 5. DETECTION OF COMMON LOSS OF HETEROZYGOSITY (LOH) IN ORAL DYSPLASTIC AND SQUAMOUS CELL CARCINOMA TISSUES: A SYSTEMATIC REVIEW

24TH NIH SCIENTIFIC CONFERENCE 2023

2023 PROCEEDING OTHER DATABASE CORRESPONDING AUTHOR

## 6. THE DAMAGING EFFECTS OF SMOKING AND ALCOHOL CONSUMPTION TOWARDS PROGRESSION OF ORAL CANCER

SEMINAR WAHYU ASAS TAMADUN (SWAT IX) INTERNATIONAL CONFERENCE

2023 PROCEEDING ERA CORRESPONDING AUTHOR

## 7. PRELIMINARY STUDY OF BRF2 EXPRESSION IN SUBSET OF HEAD AND NECK CANCERS

2ND MACR INTERNATIONAL SCIENTIFIC CONFERENCE 2022

2022 PROCEEDING SCOPUS CORRESPONDING AUTHOR

## 8. UNDERSTANDING THE PATTERN OF FASTFOOD CONSUMPTION AMONG UNIVERSITY STUDENTS IN MALAYSIA: A REVIEW OF MULTICENTER STUDIES

PERSIDANGAN KEPENDUDUKAN KEBANGSAAN 2022 (PERKKS22)

2022 PROCEEDING MYCITE MAIN AUTHOR

## 9. A COMPARATIVE REVIEW OF MECHANISMS AND DETECTION LIMIT OF SALIVA-BASED BIOSENSORS FOR DIAGNOSIS AND MONITORING OF PERIODONTITIS

POSTGRADUATE RESEARCH SYMPOSIUM (PGRS2022)

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

## 10. ENID BLYTON

ANEKDOT KAYA MINDA SIHAT JIWA

2022 CHAPTER IN BOOK MAIN AUTHOR

## 11. ONLINE DATA MINING OF BRF1 AND BRF2 EXPRESSION IN HEAD AND NECK CANCERS

AL-NOOR-AIMST INTERNATIONAL E-CONFERENCE ON HEALTH SCIENCES

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

## 12. COMPARATIVE EVALUATION OF VARIOUS SALIVARY INTERLEUKINS IN SMOKING VERSUS NON-SMOKING PERIODONTITIS PERIODONTITIS PATIENTS: A SCOPING REVIEW

INTERNATIONAL POSTGRADUATE SYMPOSIUM IN BIOLOGY, BIOTECHNOLOGY AND BIOENGINEERING

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

## 13. MINAH KILANG SHEFFIELD

MUTIARA HIKMAH 1

2021 CHAPTER IN BOOK MAIN AUTHOR

# PUBLICATION

---

## 14. BRF1 ACCELERATES PROSTATE TUMOURIGENESIS AND PERTURBS IMMUNE INFILTRATION

ONCOGENE

2020 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

## 15. COMMON LOSS OF HETEROZYGOSITY (LOH) FOUND IN MALAYSIAN ORAL CANCER PATIENTS : A STUDY OF LITERATURE.

4TH USIM INTERNATIONAL HEALTH E-CONFERENCE 2020 (IHEC 2020) IN CONJUNCTION WITH THE 3RD INTERNATIONAL CONFERENCE ON MEDICINE AND HEALTH SCIENCES (ICMHS)

2020 PROCEEDING NON-INDEX MAIN AUTHOR

## 16. DETECTION OF SARS-COV-2 VIRAL LOAD IN SALIVA COLLECTED FROM ASYMPTOMATIC PATIENTS: A SCOPING REVIEW

4TH USIM INTERNATIONAL HEALTH-CONFERENCE 2020 (IHEC 2020) IN CONJUNCTION WITH THE 3RD INTERNATIONAL CONFERENCE ON MEDICINE AND HEALTH SCIENCES (ICMHS)

2020 PROCEEDING NON-INDEX MAIN AUTHOR

## 17. BIOSENSORS AS POINT -OF-CARE-TESTING (POCT) FOR DIAGNOSIS AND MONITORING OF PERIODONTITIS: A COMPARATIVE REVIEW

KOSIST 2020 POSTGRADUATE SEMINAR FACULTY OF SCIENCE AND TECHNOLOGY

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

## 18. BRF1 ACCELERATES PROSTATE TUMOURIGENESIS AND PERTURBS IMMUNE INFILTRATION.

ONCOGENE

2019 JOURNAL ERA CO-AUTHOR

## 19. VALIDATION OF A FOUR PROTEIN SIGNATURE FOR DETERMINING LYMPH NODE METASTASIS AND SURVIVAL IN ORAL SQUAMOUS CELL CARCINOMA IN 3 MAIN DIAGNOSTIC CENTERS IN MALAYSIA.

ORAL SURGERY, ORAL MEDICINE, ORAL PATHOLOGY AND ORAL RADIOLOGY

2019 JOURNAL SCOPUS CO-AUTHOR

## 20. TIME-KILL KINETIC ANALYSIS OF TANNINS EFFECTS ON ORAL PATHOGENS

INTERNATIONAL SEMINAR ON ISLAM AND SCIENCE

2019 PROCEEDING NON-INDEX CO-AUTHOR

## 21. CHEMICAL COMPOSITION AND IN VITRO ANTIMICROBIAL PROPERTIES OF PHYLLANTHUS COLUMNARIS STEM BARK TANNINS AGAINST ORAL PATHOGENS

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2018 JOURNAL WOS CO-AUTHOR

## 22. CHROMOGENIC IN SITU HYBRIDISATION ANALYSIS REVEAL ELEVATED TRNAIMET EXPRESSION IN TUMOUR VERSUS NORMAL TISSUES.

THE 3RD INTERNATIONAL CONFERENCE ON MOLECULAR DIAGNOSTICS AND BIOMARKER DISCOVERY

2018 PROCEEDING NON-INDEX MAIN AUTHOR

## 23. VALIDATION OF A FOUR-PROTEIN SIGNATURE FOR DETERMINING LYMPH NODE METASTASIS AND SURVIVAL IN ORAL SQUAMOUS CELL CARCINOMA

8TH ANNUAL CONFERENCE OF ASIAN SOCIETY OF ORAL AND MAXILLOFACIAL PATHOLOGY

2017 PROCEEDING NON-INDEX CO-AUTHOR

## 24. POLYSACCHARIDE-BASED CO-SUPPLEMENTATIONS ON CANCER CELLS

6TH MALAYSIAN TISSUE ENGINEERING AND REGENERATIVE MEDICINE SCIENTIFIC MEETING (6TH MTERMS) 2016 AND 2ND MALAYSIAN STEM CELL MEETING

2016 PROCEEDING NON-INDEX CO-AUTHOR

## 25. OVEREXPRESSION OF BRF1, AN RNA POLYMERASE III TRANSCRIPTION FACTORS AND ITS DOWNSTREAM TARGET, TRNAIMET IN MANY CANCERS.

6TH REGIONAL CONFERENCE ON MOLECULAR MEDICINE (RCMM) IN CONJUNCTION WITH 2ND NATIONAL CONFERENCE FOR CANCER RESEARCH 2015

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 26. ESTABLISHMENT AND CHARACTERIZATION OF ASIAN ORAL CANCER CELL LINES AS IN VITRO MODELS TO STUDY A DISEASE PREVALENT IN ASIA.

INT J MOL MED.

2007 JOURNAL WOS CO-AUTHOR

# AWARDS/RECOGNITION

---

**1. ANUGERAH E-PEMBELAJARAN SEMESTER1 2019/2020 KATEGORI KURSUS AKTIF : DAB101A GENERAL ANATOMY**

2020

UNIVERSITY

**2. ANUGERAH PERKHIDMATAN CEMERLANG 2020**

2020

UNIVERSITY

**3. FIRST PLACE, CREATIVE IDEA COMPETITION IN CONJUNCTION WITH USIM QUALITY AND INNOVATION DAY 2017**

2017

UNIVERSITY