



1. Nama : dr. Nur Arfian, Ph.D
2. Alamat lengkap : Departemen Anatomi FK-KMK UGM
3. Email aktif : nur\_arfian@ugm.ac.id / nur.arfian@gmail.com
4. HP aktif : 0812640306
5. H-index : 7
6. Media : You tube: arfian channel (Labventure arfiant)

### **Organisasi / Pekerjaan:**

- 2007-sekarang: Staf Departemen Anatomi FK-KMk UGM  
2014-sekarang: Koord Penelitian Departemen Anatomi FK-KMK UGM  
2014-2019 : Ketua Minat Anatomi Magister Ilmu Biomedik FK-KMK UGM  
2017-2019 : Sekretaris Prodi Magister Ilmu Biomedik (MIB) FK-KMK UGM  
2019-sekarang: Ketua Prodi Magister Ilmu Biomedik (MIB) FK-KMK UGM  
Sekretaris Unit Production House LERES FK-KMK UGM

### **Awards:**

- 2020 Finalis 10 Besar Nutrifood Research Center Grant  
2019 Young Investigator Award in ET16 International Conference on Endothelin, Kobe, Jepang  
Dosen favorit mahasiswa 2019 dalam rangka Teacher's Day FKKMK UGM  
2018 Dosen muda Terbaik I, FKKMK UGM  
*Best oral presenter in ASMICBS (Annual Scientific Meeting of Indonesia Consortium of Biomedical Science), Malang, Indonesia*  
*Best poster of APSHG (Asia Pacific Society of Human Genetic) Autumn School, Singapore, 2018*  
Finalis (9 Besar) Kalbe Ristekdikti  
Dosen favorit mahasiswa 2018 dalam rangka Teacher's Day FKKMK UGM  
2017 Juara 1 Nutrifood Research Center Grant  
2016 *International Fellowship Programme TAKEDA Science Foundation*  
2014 *Dosen Berprestasi dalam Pengajaran Skil Lab Fakultas Kedokteran UGM*  
2013 *Travel grant Award in " The Thirteen International Conference on Endothelin, Tokyo, Japan*  
2012 Young Investigator Award in 76th Japanese Circulation Society Congress, Fukuoka, Japan  
2011 Young Investigator Award in The Twelfth International Conference on Endothelin, Cambridge, UK

### **Riwayat Pendidikan**

1. Pendidikan terakhir: Doktoral (S3): Kobe University, Jepang (Cardiovascular Medicine, Molecular Medicine), beasiswa Monbukagakusho  
Lainnya: Postdoctoral Fellow (2016-2017) in Kobe Pharmaceutical University, Jepang
2. Status terkini : Dosen/ Staf Pengajar: Fakultas Kedokteran, Kesehatan Masyarakat dan Keperawatan UGM (Departemen Anatomi)

## Pengalaman Penelitian/ Publikasi/ Organisasi

### 1. Publikasi (5 tahun terakhir) :

1. Vitamin D Attenuates Kidney Fibrosis via Reducing Fibroblast Expansion, Inflammation, and Epithelial Cell Apoptosis; *Kobe Journal of Medical Sciences*, Vol. 62, no.2; **Nur Arfian**, Khusnul Muflikhah, Sri Kadarsih Soeroyo, Dwi Cahyani Ratna Sari, Untung Tranggono, Nungki Anggorowati, Muhammad Mansyur Romi
2. Simvastatin Attenuates Renal Failure In Mice With A 5/6 Subtotal Nephrectomy; *International Journal Of Pharmacy And Pharmaceutical Sciences*, Vol 9, Issue 5, 2017; Putu Nita Cahyawati, Ngatidjan, Dwi Cahyani Ratna Sari, Muhammad Mansyur Romi, **Nur Arfian**. as Corresponding author
3. Hyperuricemia Induces Wnt5a/Ror2 Gene Expression, Epithelial–Mesenchymal Transition (EMT), and Kidney Tubular Injury in Mice; *Iran J Med Sci*. 2018 Mar;43(2):164-173. as Corresponding author
4. Histochemical and Immunohistochemical Study of  $\alpha$ -SMA, Collagen, and PCNA in Epithelial Ovarian Neoplasm, [Asian Pac J Cancer Prev](#). 2017 Mar 1;18(3):667-671, [Anggorowati N<sup>1</sup>](#), [Ratna Kurniasari Ch](#), [Damayanti K](#), [Cahyanti T](#), [Widodo I](#), [Ghozali A](#), [Romi MM](#), [Sari DC](#), [Arfian N](#).
5. Upregulation of Endothelin-1/endothelin A receptor expression correlates with heparanase expression in ovarian carcinoma; *Iranian Journal of medical sciences* (accepted); *Iran J Med Sci*. 2018 May;43(3):286-295. Nungki Anggorowati, Ahmad Ghozali, Irianiwati, Dwi Cahyani Ratna Sari, Muhammad Mansyur Romi,, **Nur Arfian**
6. Uric acid induces kidney injury through inducing fibroblast expansion, Endothelin-1 expression, and inflammation; *BMC Nephrology*; *BMC Nephrol*. 2017 Oct 31;18(1):326. doi: 10.1186/s12882-017-0736-x. Muhammad Mansyur Romi; **Nur Arfian**, Untung Tranggono, Wiwit Ananda Wahyu Setyaningsih, Dwi Cahyani Ratna Sari. as Corresponding author
7. Impulsivity and novel object recognition test of rat model for vascular cognitive impairment after antipsychotics treatment; *Journals of Medical Science (BIK)* [Vol 48, No 3 \(2016\)](#); Ronny T Wirasto, Irwan Supriyanto, Arif Prassetyo, Nunu N Madjid, Susini R Sari, Baiq R Rhadianaa, Heru Yulianto, **Nur Arfian**, Nyoman Kertia,
8. Prolonged Kidney Ischemia-Reperfusion Injury Associates with Inflammation, Vascular Remodelling, and Myofibroblast Formation; *Journal of the Medical Sciences (Berkala Ilmu Kedokteran)* Vol 50 (1) 2018; in **Nur Arfian<sup>1\*</sup>**, Hilma Kholida Ats-tsani<sup>1</sup>, Pratiwi Indah Sayekti<sup>1</sup>, Dwina Agrila Lakabela<sup>1</sup>, Amelia<sup>1</sup>, Toni Febriyanto<sup>1</sup>, Hana Rutyana Putri Antonio<sup>1</sup>, Dian Prasetyo Wibisono<sup>1</sup>, Dwi Cahyani Ratna Sari dex: Google Scholar, Crossref, DOAJ
9. Antimigration Activity of an Ethylacetate Fraction of *Zanthoxylum acanthopodium* DC. Fruits in 4T1 Breast Cancer Cells; [Asian Pac J Cancer Prev](#). 2018 Feb 26;19(2):565-569; Harahap U, Hasibuan PAZ, Sitorus P, **Arfian N**, Satria D
10. Vitamin D upregulates endothelin-1, ETBR, and eNOS mRNA expressions and attenuates vascular remodelling and ischemia in kidney fibrosis model in mice; *Physiol Res*. 2018 Jun 27;67:S137-S147; **Nur Arfian**, Muhammad Halim Hanindya Kusuma, Nungki Anggorowati, Dhite Bayu Nugroho, Agian Jeffilano, Yoko Suzuki, Koji Ikeda, Noriaki Emoto
11. Endothelial-Derived Endothelin-1 Promotes Pulmonary Vascular Remodeling In Bleomycin-Induced Pulmonary Fibrosis; *Physiol. Res.* 67 (Suppl. 1): S185-S197, 2018; A. B. Hartopo, **N. Arfian**, K. Nakayama, Y. Suzuki, K. Yagi, N. Emoto;
12. Ethanolic extract of the *Centella asiatica* (L.) Urb. leaf decreases cerebellar brain-derived neurotrophic factor (BDNF) levels in rats after chronic stress; *J Med Sci*, Volume 50, No. 2, 2018 April, 127-137; Dwi Cahyani Ratna Sari, Desby Juananda, Mawaddah Ar-Rochmah, Mansyur Romi, **Nur Arfian**
13. Spatial Memory Disturbance Following Transient Brain Ischemia is Associated with Vascular Remodeling in Hippocampus; *Kobe Journal of Medical Sciences*, Vol. 64, no.1 ERY HERMAWATI, **NUR ARFIAN**, MUSTOFA, and GINUS PARTADIREJJA

14. Reduction of Serum Uric Acid Associated with Attenuation of Renal Injury, Inflammation and Macrophages M1/M2 Ratio in Hyperuricemic Mice Model; *Kobe Journal of Medical Sciences*, Vol. 64, no.1. ANDREAS HARYONO, DWI ARIS AGUNG NUGRAHANINGSIH, DWI CAHYANI RATNA SARI, MUHAMMAD MANSYUR ROMI, and **NUR ARFIAN**. as Corresponding author
15. Chlorogenic acid ameliorates memory loss and hippocampal cell death after transient global ischemia; *Eur J Neurosci*. 2019 Aug 22. doi: 10.1111/ejn.14556. [Epub ahead of print], PMID:31437868; Hermawati Ery, **Arfian Nur**, Mustofa, Partadiredja Ginus
16. Chlorogenic Acid Attenuates Kidney Ischemic/Reperfusion Injury via Reducing Inflammation, Tubular Injury and Myofibroblast Formation; *Biomed Research International* (accepted in august 2019); **Nur Arfian**, Danny A. P. Wahyudi, Ingesti B. Zulfatima, Arsitya N. Citta, Nungki Anggorowati, Ali Multazam, Muhammad M. Romi, and Dwi C. R. Sari
17. Ethanol extract of *Centella asiatica* (gotu kola) attenuates tubular injury through inhibition of inflammatory cytokines and enhancement of anti-fibrotic factor in mice with 5/6 subtotal nephrectomy; **Nur ARFIAN**, Wiwit Ananda Wahyu SETYANINGSIH, Nungki ANGGOROWATI, Muhammad Mansyur ROMI, Dwi Cahyani Ratna SARI, *Malaysian Journal of Medical Sciences* (accepted in September 2019)
18. Inverse correlation of kidney interstitial cells expansion with hemoglobin level and erythropoietin expression in single and repeated kidney ischemic/reperfusion injury in mice; Dian Prasetyo Wibisono, **Nur ARFIAN**, Muhammad Mansyur ROMI, Wiwit Ananda Wahyu SETYANINGSI, Dwi Cahyani Ratna SARI, *INONESIAN JOURNAL OF BIOTECHNOLOGY*, 24(1), 2019, 26–33. as Corresponding author.
19. Centella asiatica (Gotu kola) ethanol extract up-regulates hippocampal brain-derived neurotrophic factor (BDNF), tyrosine kinase B (TrkB) and extracellular signal-regulated protein kinase 1/2 (ERK1/2) signaling in chronic electrical stress model in rats; Dwi Cahyani Ratna Sari; **Nur Arfian**; Untung Tranggono; Wiwit Ananda Setyaningsih; Muhammad Mansyur Romi; Noriaki Emoto; *Iranian Journal of Basic Medical Sciences*, Volume 22, Issue 10, October 2019, Pages 1218-1224. as Corresponding author.
20. Heparanase upregulation from adipocyte associates with inflammation and endothelial injury in diabetic condition; **Nur Arfian**, Wiwit Ananda Wahyu Setyaningsih, Muhammad Mansyur Romi and Dwi Cahyani Ratna Sari; *BMC Proceedings* 2019 13(Suppl 11):17
21. Vitamin D Ameliorates Kidney Ischemia Reperfusion Injury via Reduction of Inflammation and Myofibroblast Expansion; **Nur Arfian**, Santosa Budiharjo, Dian Prasetyo Wibisono, Wiwit Ananda Wahyu Setyaningsih<sup>1</sup>, Muhammad Mansyur Romi, Ramadhea Laila Afifa An-Nur Willya Saputri, Edreana Khusnur Rofiah, Trita Rahmanti<sup>1</sup>, Maulidina Agustin, Dwi Cahyani Ratna Sari, *Kobe Journal of Medical Sciences*; Accepted in January 2020
22. Calcitriol Ameliorates Kidney Injury Through Reducing Podocytopathy, Tubular Injury, Inflammation And Fibrosis In 5/6 Subtotal Nephrectomy Model In Rats; Dwi Cahyani Ratna Sari, Maulida Wijaya Putri, Tiara Putri Leksono, Nogati Chairunnisa, Gerry Nathan Reynaldi, Benhard Christopher Simanjuntak, Josephine Debora, Junaedy Yunus, And **Nur Arfian**. *Kobe Journal of Medical Sciences*; Accepted in January 2020. As corresponding author.
23. Chlorogenic acid attenuates kidney fibrosis via antifibrotic action of BMP-7 and HGF J Yunus, M Salman, G B R Lintin, M Muchtar, D C R Sari, **N Arfian**, M M Romi. *Med J Malaysia*. 2020 May;75(Suppl 1):5-9
24. Uric acid induces liver fibrosis through activation of inflammatory mediators and proliferating hepatic stellate cell in mice. D C R Sari, A S Soetoko, A S Soetoko, M M Romi, U Tranggono, W A W Setyaningsih, **N Arfian**. *Med J Malaysia*. 2020 May;75(Suppl 1):14-18. As corresponding author.
25. Effect of kidney ischemia/reperfusion injury on proliferation, apoptosis, and cellular senescence in acute kidney injury in mice. F T Sari, **N Arfian**, D C R Sari. *Med J Malaysia*. 2020 May;75(Suppl 1):14-18. As corresponding author.
26. Endothelin converting enzyme-1 (ECE-1) deletion in association with Endothelin-1 downregulation ameliorates kidney fibrosis in mice. **Nur Arfian**, Yoko Suzuki, Anggoro

Budi Hartopo, Nungki Anggorowati, Dwi Aris Agung Nugrahaningsih, Noriaki Emoto. Life Sciences. 2020 Aug 5;258:118223. doi: 10.1016/j.lfs.2020.118223.

Pelatihan:

1. Reviewer Nasional penelitian
2. Instruktur HOT Lab (Hands on The Lab)

Hak Cipta:

1. Augmented Reality utk jantung (AR Heart)
2. Atlas Osteology
3. Atlas Cardiorespirasi
4. Buku Ajar Anatomi Sistem Digesti
5. Buku Ajar Anatomi Sistem Urogenital