

K. K. Asanka Sanjeewa

Academic Building (B3) -Room 228, Department of Biosystem technology, Faculty of Technology, University of Sri Jayewardenepura, Pitipana, Homagama (10200), Sri Lanka.

Email- asankasanjeewa@sjp.ac.lk

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Personal Profile

Dr. Asanka Sanjeewa is an experienced Postdoctoral Researcher and lecturer with a demonstrated history of working in marine bioresource technology. Skilled in human/animal cell culture, isolation and characterization techniques of secondary metabolites from marine organisms, molecular biological techniques, RT-qPCR analysis, SEM techniques, and data analysis. Strong research professional with a Doctor of Philosophy (Ph.D.) in marine life sciences from Jeju National University, Republic of Korea.

Research Keywords- Seaweeds; Anti-inflammation; Antioxidant; Phlorotannins; TLR

Education

Ph.D. in Marine Life Sciences, Jeju National University, South Korea	2016 -2019
M.Sc. in Marine Life Sciences, Jeju National University, South Korea	2014 - 2016
B.Sc. in Agriculture, Rajarata University of Sri Lanka, Sri Lanka	2008 - 2013

Positions Held

Senior Lecturer Grade II, University of Sri Jayewardenepura	2021 ~
Guest editor, Marine drugs	2020 ~ 2022
Postdoc researcher and lecturer, Jeju National University, South Korea	2019 - 2020
Reviewer bord member in marine drugs	2019 ~
Research assistant, Jeju National University, South Korea	2014 - 2019

Awards

Oct 2019: Academic award of 2019 for the best researcher. The Korean Society of Phycology

Oct 2019: Young scientist participation award KFN 2019. 3-Hydroxy-5,6-epoxy- β -ionone isolated from *Sargassum horneri* protect MH-S mouse lung cells against fine dust-induced inflammation and oxidative stress

May 2019: Best poster presentation KOSFAS Annual meeting and symposium 2019, Ethanolic extract separated from *Sargassum horneri* inhibit LPS-induced inflammation in RAW 264.7 macrophages

Feb 2019: Award of excellence; Awarded for the outstanding achievements of doctoral research in the 2019 Jeju national university graduation ceremony

Nov 2017: Best oral presentation, KSBM 2017 annual symposium. Anti-inflammatory activities of high molecular weight fucose rich sulfated polysaccharide; separated from *Sargassum horneri*.

Nov 2017: Young scientist participation award ISNFF 2017, In vivo and in vitro anti-inflammatory activities of fucose rich sulfated polysaccharide isolated from *Sargassum honeri* China strain collected along the shores of Jeju Island.

Nov 2016: Best poster presentation KSMB Annual meeting and symposium 2016, Anti-proliferative effect of eight ethanolic extracts from soft corals on human leukemia cell line HL-60

Nov 2015: Best poster presentation-ICoFF 2015, Apoptotic anticancer activity of a novel fatty alcohol ester isolated from cultured marine diatom, *Phaeodactylum tricornutum*

Publications

Book Chapters

1. Sanjeeva K.K.A., Kim S.Y., and Jeon Y.J. (forthcoming). **Bioactive phenolic compounds from seaweed: Phlorotannins:** Seaweed Bioactives: Health Benefits and Potential Applications (Nutraceuticals), Jaiswal A.K., Editor. CRC press: Boca, Raton, Florida, USA.

2. **Sanjeewa K.K.A.** and Jeon Y.J. (forth coming). **Roles of the ingredients contained in edible seaweeds on PM-induced skin damages:** Algal Metabolites: Biotechnological Applications, Thangadurai D, Editor. Apple Academic Press Palm Bay, Florida 32905 USA. p. 289-310
1. **Sanjeewa K.K.A.,** Kim H.S., and Jeon Y.J. (2018). **Korean Edible Seaweeds; A Source of Functional Compounds, in Korean Functional Foods:** Composition, Processing and Health Benefits, Kun-Young Park, et al., Editors. CRC press: Boca, Raton, Florida, USA. p. 359-384

Journal publications

1. Jayawardhana HHACK, Oh JY, Jayawardena TU, **Sanjeewa KKA**, Liyanage NM, Nagahawatta DP, Hyun J, Son K-T, Jeon Y-J, Park J: Protective Effect of Fish Gut Hydrolysates from Olive Flounder (*Paralichthys olivaceus*) Surimi Byproducts Against AAPH-Induced Oxidative Stress in In Vitro and In Vivo Zebrafish Models. *Journal of Aquatic Food Product Technology* **2022**:1-15.doi-10.1080/10498850.2022.2119909.
2. Jayawardena TU, Fernando IPS, Nagahawatta DP, Wang L, Yang HW, Oh J-Y, **Sanjeewa KKA**, Jeon Y: Sonication-assisted water extract of *Dendronephthya gigantea* exhibits anti-fine dust effects; attenuation of MAPK phosphorylation in macrophages. *Journal of the National Science Foundation of Sri Lanka* **2022**, 50(1).doi- 10.4038/jnsf.sr.v50i1.10279.
3. Nagahawatta DP, Kim H-S, Jee Y-H, Jayawardena TU, Ahn G, Namgung J, Yeo I-K, **Sanjeewa KKA**, Jeon Y-J: Sargachromenol Isolated from *Sargassum horneri* Inhibits Particulate Matter-Induced Inflammation in Macrophages through Toll-like Receptor-Mediated Cell Signaling Pathways. *Marine Drugs* **2021**, 20(1):28.doi- 10.3390/md20010028.
4. Wang L, Kim HS, Je JG, Fu X, Huang C, Ahn G, Oh JY, **Sanjeewa KKA**, Xu J, Gao X *et al*: In Vitro and In Vivo Photoprotective Effects of (-)-Loliode Isolated from the Brown Seaweed, *Sargassum horneri*. *Molecules* **2021**, 26(22):6898.doi- 10.3390/molecules26226898.
5. **Sanjeewa KKA**, Kim H-S, Lee H-G, Jayawardena TU, Nagahawatta DP, Yang H-W, Udayanga D, Kim J-I, Jeon Y-J: 3-Hydroxy-5,6-epoxy- β -ionone Isolated from Invasive Harmful Brown Seaweed *Sargassum horneri* Protects MH-S Mouse Lung Cells from Urban Particulate Matter-Induced Inflammation. *Applied Sciences* **2021**, 11(22):10929.doi- 10.3390/app112210929.
6. Lee HG, Kim HS, Je JG, Hwang J, **Sanjeewa KKA**, Lee DS, Song KM, Choi YS, Kang MC, Jeon YJ: Lipid Inhibitory Effect of (-)-loliolide Isolated from *Sargassum horneri* in 3T3-L1 Adipocytes: Inhibitory Mechanism of Adipose-Specific Proteins. *Mar Drugs* **2021**, 19(2):96.doi- 10.3390/md19020096.
7. Kim H-S, Fernando IPS, Lee S-H, Ko S-C, Kang MC, Ahn G, Je J-G, **Sanjeewa KKA**, Rho J-R, Shin HJ *et al*: Isolation and characterization of anti-inflammatory compounds from *Sargassum horneri* via high-performance centrifugal partition chromatography and high-performance liquid chromatography. *Algal Research* **2021**, 54:102209.doi- 10.1016/j.algal.2021.102209.
8. **Sanjeewa KKA**, Herath K, Yang HW, Choi CS, Jeon YJ: Anti-Inflammatory Mechanisms of Fucoidans to Treat Inflammatory Diseases: A Review. *Mar Drugs* **2021**, 19(12):678.doi- 10.3390/md19120678.

9. Fernando IPS, Heo SJ, Dias M, Madusanka DMD, Han EJ, Kim MJ, **Sanjeeva KKA**, Lee K, Ahn G: (-)-Loliolide Isolated from *Sargassum horneri* Abate UVB-Induced Oxidative Damage in Human Dermal Fibroblasts and Subside ECM Degradation. *Mar Drugs* **2021**, 19(8):435.doi-10.3390/md19080435.
10. Han EJ, Kim H-S, Jung K, **Sanjeeva KKA**, Iresha Nadeeka Madushani Herath KH, Lee W, Jee Y, Jeon Y-J, Lee J, Kim T *et al*: *Sargassum horneri* ethanol extract ameliorates TNF- α /IFN- γ -induced inflammation in human keratinocytes and TPA-induced ear edema in mice. *Food Bioscience* **2021**, 39:100831.doi- 10.1016/j.fbio.2020.100831.
11. Nagahawatta DP, **Sanjeeva KKA**, Jayawardena TU, Kim H-S, Yang H-W, Jiang Y, Je J-G, Lee T-K, Jeon Y-J: Drying seaweeds using hybrid hot water Goodle dryer (HHGD): comparison with freeze-dryer in chemical composition and antioxidant activity. *Fisheries and Aquatic Sciences* **2021**, 24(1):19-31.doi-10.47853/FAS.2021.e3.
12. Jayawardena TU, Kim H-S, **Sanjeeva KKA**, Han EJ, Jee Y, Ahn G, Rho J-R, Jeon Y-J: Loliolide, isolated from *Sargassum horneri*; abate LPS-induced inflammation via TLR mediated NF- κ B, MAPK pathways in macrophages. *Algal Research* **2021**, 56:102297.doi- 10.1016/j.algal.2021.102297.
13. **Sanjeeva KKA**, Jeon YJ: Fucoidans as Scientifically and Commercially Important Algal Polysaccharides. *Mar Drugs* **2021**, 19(6):284.doi- 10.3390/md19060284.
14. **Sanjeeva KKA**, Nagahawatta DP, Yang HW, Oh JY, Jayawardena TU, Jeon YJ, De Zoysa M, Whang I, Ryu B: Octominin Inhibits LPS-Induced Chemokine and Pro-inflammatory Cytokine Secretion from RAW 264.7 Macrophages via Blocking TLRs/NF- κ B Signal Transduction. *Biomolecules* **2020**, 10(4):511.doi- 10.3390/biom10040511.
15. Wang L, Jayawardena TU, Yang HW, Lee HG, Kang MC, **Sanjeeva KKA**, Oh JY, Jeon YJ: Isolation, Characterization, and Antioxidant Activity Evaluation of a Fucoidan from an Enzymatic Digest of the Edible Seaweed, *Hizikia fusiforme*. *Antioxidants (Basel)* **2020**, 9(5):363.doi- 10.3390/antiox9050363.
16. Jayawardena TU, Wang L, **Sanjeeva KKA**, Kang SI, Lee JS, Jeon YJ: Antioxidant Potential of Sulfated Polysaccharides from *Padina boryana*; Protective Effect against Oxidative Stress in In Vitro and In Vivo Zebrafish Model. *Mar Drugs* **2020**, 18(4):1-9.doi- 10.3390/md18040212.
17. Fernando IPS, **Sanjeeva KKA**, Lee HG, Kim HS, Vaas A, De Silva HIC, Nanayakkara CM, Abeytunga DTU, Lee DS, Lee JS *et al*: Fucoidan Purified from *Sargassum polycystum* Induces Apoptosis through Mitochondria-Mediated Pathway in HL-60 and MCF-7 Cells. *Mar Drugs* **2020**, 18(4):196.doi-10.3390/md18040196.
18. Fernando IPS, **Sanjeeva KKA**, Lee HG, Kim HS, Vaas A, De Silva HIC, Nanayakkara CM, Abeytunga DTU, Lee WW, Lee DS *et al*: Characterization and cytoprotective properties of *Sargassum natans* fucoidan against urban aerosol-induced keratinocyte damage. *Int J Biol Macromol* **2020**.doi-10.1016/j.ijbiomac.2020.05.132.
19. Jayawardena TU, Sanjeeva KKA, Wang L, Kim WS, Lee TK, Kim YT, Jeon YJ: Alginic Acid from *Padina boryana* Abate Particulate Matter-Induced Inflammatory Responses in Keratinocytes and Dermal Fibroblasts. *Molecules* **2020**, 25(23):5746.doi- 10.3390/molecules25235746.

20. Kim HS, Han EJ, Fernando IPS, **Sanjeewa KKA**, Jayawardena TU, Kim HJ, Jee Y, Kang SH, Jang JH, Jang J-P *et al*: Anti-allergy effect of mojabanchromanol isolated from *Sargassum horneri* in bone marrow-derived cultured mast cells. *Algal Research* **2020**, 48:101898.doi- 10.1016/j.algal.2020.101898.
21. Jayawardena TU, **Sanjeewa KKA**, Kim H-S, Lee HG, Wang L, Lee D-S, Jeon Y-J: *Padina boryana*, a brown alga from the Maldives: inhibition of α -MSH-stimulated melanogenesis via the activation of ERK in B16F10 cells. *Fisheries and Aquatic Sciences* **2020**, 23(1):8.doi- 10.1186/s41240-020-00154-x.
22. Jayawardena TU, **Sanjeewa KKA**, Lee HG, Nagahawatta DP, Yang HW, Kang MC, Jeon YJ: Particulate Matter-Induced Inflammation/Oxidative Stress in Macrophages: Fucosterol from *Padina boryana* as a Potent Protector, Activated via NF-kappaB/MAPK Pathways and Nrf2/HO-1 Involvement. *Mar Drugs* **2020**, 18(12):628.doi- 10.3390/md18120628.
23. Jayawardena TU, **Sanjeewa KKA**, Nagahawatta DP, Lee HG, Lu YA, Vaas A, Abeytunga DTU, Nanayakkara CM, Lee DS, Jeon YJ: Anti-Inflammatory Effects of Sulfated Polysaccharide from *Sargassum Swartzii* in Macrophages via Blocking TLR/NF-Kappab Signal Transduction. *Mar Drugs* **2020**, 18(12):601.doi- 10.3390/md18120601.
24. Han EJ, Kim HS, **Sanjeewa KKA**, Herath K, Jeon YJ, Jee Y, Lee J, Kim T, Shim SY, Ahn G: Eckol from *Ecklonia cava* Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice (Running Title: Anti-Allergic Activity of Ecklonia cava). *Nutrients* **2020**, 12(5):1361.doi- 10.3390/nu12051361.
25. Han EJ, Kim HS, **Sanjeewa KKA**, Jung K, Jee Y, Jeon YJ, Fernando IPS, Ahn G: *Sargassum horneri* as a Functional Food Ameliorated IgE/BSA-Induced Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice. *Mar Drugs* **2020**, 18(12):594.doi- 10.3390/md18120594.
26. **Sanjeewa KKA**, Jayawardena TU, Kim SY, Lee HG, Je JG, Jee Y, Jeon YJ: *Sargassum horneri* (Turner) inhibit urban particulate matter-induced inflammation in MH-S lung macrophages via blocking TLRs mediated NF-kappaB and MAPK activation. *J Ethnopharmacol* **2020**, 249:112363.doi- 10.1016/j.jep.2019.112363.
27. Jayawardena TU, Fernando IPS, Lee WW, **Sanjeewa KKA**, Kim HS, Lee DS, Jeon YJ: Isolation and purification of fucoidan fraction in *Turbinaria ornata* from the Maldives; Inflammation inhibitory potential under LPS stimulated conditions in in-vitro and in-vivo models. *Int J Biol Macromol* **2019**, 131:614-623.doi- 10.1016/j.ijbiomac.2019.03.105.
28. Jayawardena TU, Kim HS, **Sanjeewa KKA**, Kim SY, Rho JR, Jee Y, Ahn G, Jeon YJ: *Sargassum horneri* and isolated 6-hydroxy-4,4,7a-trimethyl-5,6,7,7a-tetrahydrobenzofuran-2(4H)-one (HTT); LPS-induced inflammation attenuation via suppressing NF-kappa B, MAPK and oxidative stress through Nrf2/HO-1 pathways in RAW 264.7 macrophages. *Algal Res* **2019**, 40:101513.doi- 10.1016/j.algal.2019.101513.
29. **Sanjeewa KKA**, Jayawardena TU, Kim HS, Kim SY, Ahn G, Kim HJ, Fu X, Jee Y, Jeon YJ: Ethanol extract separated from *Sargassum horneri* (Turner) abate LPS-induced inflammation in RAW 264.7 macrophages. *Fisheries and Aquatic Sciences* **2019**, 22(1):6.doi- 10.1186/s41240-019-0121-8.
30. **Sanjeewa KKA**, Jayawardena TU, Kim HS, Kim SY, Shanura Fernando IP, Wang L, Abetunga DTU, Kim WS, Lee DS, Jeon YJ: Fucoidan isolated from *Padina commersonii* inhibit LPS-induced

inflammation in macrophages blocking TLR/NF-kappaB signal pathway. *Carbohydr Polym* **2019**, 224:115195.doi- 10.1016/j.carbpol.2019.115195.

31. Kim HS, Je JG, Ryu B, Kang N, Fernando IPS, Jayawardena TU, **Sanjeewa KKA**, Oh JY, Lee TG, Jeon YJ: Antioxidant and angiotensin-I converting enzyme inhibitory peptides from *Hippocampus abdominalis*. *Eur Food Res Technol* **2019**, 245(2):479-487.doi- 10.1007/s00217-018-3179-0.
32. **Sanjeewa KKA**, Jayawardena TU, Kim S-Y, Kim H-S, Ahn G, Kim J, Jeon YJ: Fucoidan isolated from invasive *Sargassum horneri* inhibit LPS-induced inflammation via blocking NF-κB and MAPK pathways. *Algal Research* **2019**, 41:101561.doi- 10.1016/j.algal.2019.101561.
33. **Sanjeewa KKA**, Jayawardena TU, Lee HG, Herath K, Jee Y, Jeon YJ: The protective effect of *Sargassum horneri* against particulate matter-induced inflammation in lung tissues of an in vivo mouse asthma model. *Food Funct* **2019**, 10(12):7995-8004.doi- 10.1039/c9fo02068c.
34. Kim HS, Kim SY, Fernando IPS, **Sanjeewa KKA**, Wang L, Lee SH, Ko SC, Kang MC, Jayawardena TU, Jeon YJ: Free radical scavenging activity of the peptide from the Alcalase hydrolysate of the edible aquacultural seahorse (*Hippocampus abdominalis*). *J Food Biochem* **2019**, 43(7):e12833.doi-10.1111/jfbc.12833.
35. **Sanjeewa KKA**, Fernando IPS, Kim HS, Jayawardena TU, Ryu B, Yang HW, Ahn G, Lee W, Jeon YJ: Dieckol: an algal polyphenol attenuates urban fine dust-induced inflammation in RAW 264.7 cells via the activation of anti-inflammatory and antioxidant signaling pathways. *J Appl Phycol* **2019**:1-10.doi-10.1007/s10811-019-01964-w.
36. **Sanjeewa KKA**, Fernando IPS, Kim S-Y, Kim W-S, Ahn G, Jee Y, Jeon YJ: *Ecklonia cava* (Laminariales) and *Sargassum horneri* (Fucales) synergistically inhibit the lipopolysaccharide-induced inflammation via blocking NF-κB and MAPK pathways. *Algae* **2019**, 34(1):45-56.doi-10.4490/algae.2019.34.2.10.
37. Kang MC, Ham YM, Heo SJ, Yoon SA, Cho SH, Kwon SH, Jeong MS, Jeon YJ, **Sanjeewa KKA**, Yoon WJ *et al*: Anti-inflammation effects of 8-oxo-9-octadecenoic acid isolated from *Undaria peterseniana* in lipopolysaccharide-stimulated macrophage cells. *EXCLI J* **2018**, 17:775-783.doi- 10.17179/excli2018-1422.
38. Kim HS, Lee W, Lee JH, **Sanjeewa KKA**, Fernando IPS, Ko SC, Lee SH, Kim YT, Jeon YJ: Purification and Identification of an Antioxidative Peptide from Digestive Enzyme Hydrolysis of Cutlassfish Muscle. *J Aquat Food Prod T* **2018**, 27(8):934-944.doi- 10.1080/10498850.2018.1508532.
39. Kim HS, **Sanjeewa KKA**, Fernando IPS, Ryu B, Yang HW, Ahn G, Kang MC, Heo ST, Je JG, Jeon YJ: A comparative study of *Sargassum horneri* Korea and China strains collected along the coast of Jeju Island South Korea: its components and bioactive properties. *Algae* **2018**, 33(4):341-349.doi-10.4490/algae.2018.33.11.15.
40. Fernando IPS, Jayawardena TU, Sanjeewa KKA, Wang L, Jeon YJ, Lee WW: Anti-inflammatory potential of alginic acid from *Sargassum horneri* against urban aerosol-induced inflammatory responses in keratinocytes and macrophages. *Ecotoxicol Environ Saf* **2018**, 160:24-31.doi-10.1016/j.ecoenv.2018.05.024.

41. **Sanjeewa KKA**, Fernando IPS, Kim SY, Kim HS, Ahn G, Jee Y, Jeon YJ: In vitro and in vivo anti-inflammatory activities of high molecular weight sulfated polysaccharide; containing fucose separated from *Sargassum horneri*: Short communication. *Int J Biol Macromol* **2018**, 107(Pt A):803-807.doi-10.1016/j.ijbiomac.2017.09.050.
42. Fernando IPS, **Sanjeewa KKA**, Kim HS, Wang L, Lee WW, Jeon YJ: Apoptotic and antiproliferative properties of 3 β -hydroxy-Delta5-steroidal congeners from a partially purified column fraction of *Dendronephthya gigantea* against HL-60 and MCF-7 cancer cells. *J Appl Toxicol* **2018**, 38(4):527-536.doi- 10.1002/jat.3559.
43. Fernando IPS, **Sanjeewa KKA**, Kim SY, Lee JS, Jeon YJ: Reduction of heavy metal (Pb²⁺) biosorption in zebrafish model using alginic acid purified from *Ecklonia cava* and two of its synthetic derivatives. *Int J Biol Macromol* **2018**, 106:330-337.doi- 10.1016/j.ijbiomac.2017.08.027.
44. Fernando IPS, **Sanjeewa KKA**, Samarakoon KW, Kim HS, Gunasekara UKDSS, Park YJ, Abeytunga DTU, Lee WW, Jeon YJ: The potential of fucoidans from *Chnoospora minima* and *Sargassum polycystum* in cosmetics: antioxidant, anti-inflammatory, skin-whitening, and antiwrinkle activities. *J Appl Phycol* **2018**, 30(6):3223-3232.doi- 10.1007/s10811-018-1415-4.
45. Fernando IPS, **Sanjeewa KKA**, Samarakoon KW, Lee WW, Kim HS, Kim EA, Ranasinghe P, Gunasekara UKDSS, Premakumara GAS, Jeon YJ: Preliminary screening of two marine algae and sea grass harvested from Sri Lankan waters against the LPS-induced inflammatory responses in RAW 264.7 macrophages and in vivo zebrafish embryo model. *Journal of the National Science Foundation of Sri Lanka* **2018**, 46(2):117-124.doi- 10.4038/jnsfsr.v46i2.8412.
46. Fernando IPS, **Sanjeewa KKA**, Samarakoon KW, Lee WW, Kim HS, Ranasinghe P, Gunasekara UKDSS, Jeon YJ: Antioxidant and anti-inflammatory functionality of ten Sri Lankan seaweed extracts obtained by carbohydrase assisted extraction. *Food Sci Biotechnol* **2018**, 27(6):1761-1769.doi-10.1007/s10068-018-0406-1.
47. Fernando IPS, **Sanjeewa KKA**, Samarakoon KW, Lee WW, Kim H-S, Jeon Y-J: Squalene isolated from marine macroalgae *Caulerpa racemosa* and its potent antioxidant and anti-inflammatory activities. *Journal of Food Biochemistry* **2018**, 42(5):e12628.doi- 10.1111/jfbc.12628.
48. **Sanjeewa KKA**, Jeon YJ: Edible brown seaweeds: a review. *Journal of Food Bioactives* **2018**, 2:37–50-37–50.doi- 10.31665/jfb.2018.2139.
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50. **Sanjeewa KKA**, Kang N, Ahn G, Jee Y, Kim YT, Jeon YJ: Bioactive potentials of sulfated polysaccharides isolated from brown seaweed *Sargassum* spp in related to human health applications: A review. *Food Hydrocolloid* **2018**, 81:200-208.doi- 10.1016/j.foodhyd.2018.02.040.
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- Oxidative Stress in vitro in Vero Cells. *Journal of Chitin and Chitosan* **2018**, 23(2):113-119.doi-10.17642/jcc.23.2.7.
52. **Sanjeewa KKA**, Lee W, Jeon YJ: Nutrients and bioactive potentials of edible green and red seaweed in Korea. *Fisheries and Aquatic Sciences* **2018**, 21(1):19.doi- 10.1186/s41240-018-0095-y.
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 57. **Sanjeewa KKA**, Fernando IP, Kim EA, Ahn G, Jee Y, Jeon YJ: Anti-inflammatory activity of a sulfated polysaccharide isolated from an enzymatic digest of brown seaweed *Sargassum horneri* in RAW 264.7 cells. *Nutr Res Pract* **2017**, 11(1):3-10.doi- 10.4162/nrp.2017.11.1.3.
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Invited Talks (since 2021)

1. Bioactive properties of fucoidans and its potential industrial applications; 2022- Wando International Seaweed Symposium, South Korea: **2022-05-06**
2. 3-hydroxy-5,6-epoxy- β -ionone Isolated from Brown Seaweed *Sargassum horneri* Protects Mh-s Mouse Lung Cells from Urban Particulate Matter-induced Inflammation; International Conference on Innovation and Emerging Technologies, Sri Lanka: **2021-11-26**
3. Seaweeds as a Functional Ingredient for a Healthy life; 5th KDU-CARE Research seminar 2021, Sri Lanka: **2021-10-28**