

**Biomedical Researcher**✉ [caecilia.sukowati@fegato.it](mailto:caecilia.sukowati@fegato.it), [caecilia.sukowati@brin.go.id](mailto:caecilia.sukowati@brin.go.id)

💬 Skype: caecilia.sukowati

Sex Female | Date of birth 09/04/1980 | Nationality Indonesian | Residency Italy

Married, 1 daughter

**WORK EXPERIENCE**From 2022 - current Senior researcher (*peneliti ahli madya, pembina IV/a*)

Eijkman Research Center for Molecular Biology, Research Organization for Health, National Research and Innovation Agency of the Republic of Indonesia (Badan Riset dan Inovasi Nasional, BRIN), B.J. Habibie Building 15th-24th floor, Jl. M.H. Thamrin No. 8, Jakarta Pusat 10340, Indonesia. [www.brin.go.id](http://www.brin.go.id)

1. Research topics: hepatitis virus, translational hepatology, and liver cancer
2. Group leader - Coordination of working group

From 2018 - current Senior researcher

Fondazione Italiana Fegato, ONLUS, AREA Science Park – campus Basovizza, SS14 km163.5, 34149 Trieste, Italy. [www.fegato.it](http://www.fegato.it)

1. Research topics: translational study on the tissue and circulating biomarkers, stem cells, targeted-therapy in cellular heterogeneity, and cancer immunology.
2. Group leader - Coordination of working group
3. Tutoring: undergraduate, graduate students, and international fellows.
4. Coordinating of grants and scientific dissemination: grant and scientific article writing, grant report, presentation, and public speaking

2018 - 2020 *Research associate*

Dept. Area Medica, University of Udine, Piazzale Kolbe 4 - via Colugna 50, 33100 Udine. [www.uniud.it](http://www.uniud.it); Grant of AIRC (Associazione Italiana per la Ricerca del Cancro) to G. Tell.

1. Research topics: circulating biomarkers (APE1/Ref1 protein and microRNAs) for diagnosis of liver cancer.
2. Clinical and preclinical research on biological markers of liver disease

2013 - 2016 *Research associate*

Dept. Medicine, Surgery, and Health Science, University of Trieste, Piazzale Roma 1, 34100 Trieste, Italy, [www.units.it](http://www.units.it)

1. Research topics: metabolic syndrome manifestation in liver; biomarkers in multiple liver pathologies, study on stem cells in natural history of cancer, inhibition of extracellular matrix in cancer.
2. Responsible of transgenic (Chisari model) and immune-depressant mouse colony
3. Coordinating of grants and scientific dissemination

2011 - 2013 *Post-doc*

Fondazione Italiana Fegato, ONLUS (Italian Liver Foundation), AREA Science Park Basovizza, 34149 Trieste, Italy. [www.fegato.it](http://www.fegato.it)

Research topics: Cancer stem cells in liver cancer: identification and isolation, multidrug resistance: study on ABC transporters protein.

2003 - 2007 *Research assistant*

Viral Hepatitis and Emerging Disease Unit, Eijkman Institute for Molecular Biology, Jl. Diponegoro 69, 10310 Jakarta, Indonesia, [www.eijkman.go.id](http://www.eijkman.go.id)

1. Diagnosis and genotyping of hepatitis and hepatitis B virus, their correlation with host genetic
2. Molecular diagnosis of avian influenza H5N1 in human cases (direct report to the Ministry of Health)

## EDUCATION AND TRAINING

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### FORMAL EDUCATION

- 2008 - 2011 PhD in molecular biomedicine (PhD), School of Molecular Biomedicine, University of Trieste, Italy
- 1998 - 2003 Bachelor of science (BSc), Department of Biology, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, Indonesia

### COURSE & TRAINING

- 2023 *Corso base di formazione per la protezione degli animali impiegati nella ricerca scientifica* ( D.M. 228/2021) - Basic training course for the protection of animals used in scientific research. University of Trieste, April – September 2023.
- 2022 The 8th Indonesian American Kavli Frontiers of Science Symposium, Yogyakarta, Indonesia (August 1-6, 2022)
- 2015 EASL Master Class, Mezzana Bigli – Pavia, Italy (December 3-5, 2015)
- 2015 EMBO – EMBL Symposia Frontiers in Stem Cells & Cancer. Heidelberg, Germany (March 29-31, 2015)
- 2014 EASL Basic School 'Epithelial Mesenchymal Interactions in Liver Development, Diseases and Cancer', Milan, Italy (January 24 – 25, 2014)
- 2013 EASL Master Class 'Hot Topics in Hepatology', Bordeaux, France (November 14–16, 2013)
- 2013 Basic technique of immunohistochemistry, Ospedale di Udine, Trieste (June – July 30/13)
- 2012 The Liver Meeting 2012: American Association for the Study of Liver Diseases (AASLD) 63rd Annual Meeting, Boston, Massachusetts, USA (November 9-13, 2012)
- 2011 Cell Science & Stem Cell Research, Philadelphia, USA (29 Nov - 01 Dec 2011)
- 2007 Annual Conference of Asia Pacific Association for the Study of the Liver (APASL) Kyoto, Japan (March 27-30, 2007)
- 2006 The 5th regional training on Bioinformatics Applied to Tropical Diseases in Southeast Asia (UNICEF/UNDP/WorldBank/WHO-TDR), Bangkok, Thailand (September 18-29, 2006)

## ACADEMIC ACTIVITY

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- Co-supervisor for PhD students at the Doctoral School of Molecular Biomedicine of the University of Trieste, Italy
- External tutor for PhD student at the Università Federale del Rio Grande do Sul, Brazil
- Tutor for bachelor and master students at the University of Trieste, Italy
- Research thesis tutor for bachelor student at the Indonesia International Institute for Life Sciences (Jakarta, Indonesia)
- Responsible for post-doctoral researcher at the National Research and Innovation Agency of the Republic of Indonesia (Badan Riset dan Inovasi Nasional, BRIN)
- Supervisor for research assistants at the BRIN, enrolled at the Biomedical Master Program at the University of Hasanuddin, Indonesia
- Supervisor for international research fellows from Indonesia, Vietnam, Italy, Brazil, Palestine, Philippine
- Guest lecturer, School of Life Sciences and Technology, Institut Teknologi Bandung, Indonesia
- Guest lecturer, Faculty of Pharmacy and Medical Sciences of the University of Hebron, Palestine
- Guest lecturer, Faculty of Medicine, University of Hasanuddin, Indonesia
- Guest lecturer, Faculty of Chemistry, Universitas Sebelas Maret, Indonesia

## PERSONAL SKILLS

Mother tongue Indonesian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Fluent - TOEFL certified: 633/677					
Italian	C2	C2	C1	C1	B2
Fluent Certified					

Computer skills Adobe Photoshop, Statistical analysis (Graphpad, NCSS, SPSS), DNA sequences analysis software (BioEdit, MEGA 4.0, Phylip 3.66, Emboss, primer designs, etc.), Bioinformatics and analysis of public data repositories, gene enrichment analysis

Driving licences B (Europe - automobile); A (ASEAN countries - automobile): daily driver, short and long distance

Honours and fellowships

- **2011: Winner of National Fellowship UNESCO-L'Oreal for Women in Science in Life Science**
- 2024, 2023, 2022, 2020: Fellow of the Fondazione Veronesi, Italy
- 2012: Young Investigator Program Fellowship, Fondazione Umberto Veronesi, Italy
- 2008 to 2011: Fellowship from the Italian Ministry of Foreign Affairs for PhD program in UniTs
- 2010 – present: multiple bursaries from various international liver congresses.

Memberships

- Ikatan Ilmuwan Indonesia Internasional (I4)
- European Association for the Study of the Liver (EASL)
- American Association for Cancer Research (AACR)

Publications **>50 research items in international publications.**

**H-index: 16**

Google Scholar <https://scholar.google.com/citations?user=oCm3fvEAAA&hl=it>

Scopus <https://www.scopus.com/authid/detail.uri?authorId=26653855800>

ORCID <https://orcid.org/0000-0001-9699-7578>.

## RESEARCH PUBLICATION – up to December 2024

Caecilia H C Sukowati, <https://orcid.org/0000-0001-9699-7578>

### Full Articles in International peer-reviewed Journals

1. Nabilah GA, Adi Nugroho RA, Dendy D, Handayani M, **Sukowati C**, Tiribelli C, Crocè LS, Lestari WW. Dynamic pH-responsive release and biological impact of in-situ quercetin-modified MIL-101(Fe)-NH<sub>2</sub>. *Chem. Nano. Mat.* 2024 <https://doi.org/10.1002/cnma.202400197>
2. Wibowo DP, Agustiniingsih A, Jayanti S, **Sukowati C**, El Khobar KE. Exploring the impact of hepatitis B immunoglobulin and antiviral interventions to reduce vertical transmission of hepatitis B virus. *World J Exp Med.* Dec 20, 2024; 14(4): 95960
3. Naully P, Tan MI, Agustiniingsih A, **Sukowati C**, Giri-Rachman EA. cccDNA epigenetic regulator as target for therapeutical vaccine development against Hepatitis B. *Ann Hepatol.* 2024 Aug 13;30(1):101533. doi: 10.1016/j.aohep.2024.101533
4. **Sukowati C**, Jayanti S, Turyadi T, Muljono DH, Tiribelli C. Hepatitis B virus genotypes in precision medicine of hepatitis B-related hepatocellular carcinoma: Where we are now. *World J Gastrointest Oncol.* 2024 Apr 15;16(4):1097-1103. doi: 10.4251/wjg.v16.i4.1097
5. Syafarina I, Mazaya M, Indrawati A, Akbar SZ, **Sukowati C**, Sadikin R. Skin Microbial Composition and Genetic Mutation Analysis in Precision Medicine for Epidermolysis Bullosa. *Curr Drug Targets.* 2024 Apr 1. doi: 10.2174/0113894501290512240327091531
6. Susilowati O, Lestari WW, Handayani M, **Sukowati C**, Tiribelli C, Crocè LS, Masykur A, Wibowo FR, Ardyanto TD, Saputra OA. One Pot Synthesis of UiO-66-NH<sub>2</sub> Containing Curcumin and Cytotoxic Evaluation toward Liver Cancer Cells. *Materials Letters.* 2024, 136460, ISSN 0167-577X, <https://doi.org/10.1016/j.matlet.2024.136460>.
7. Nuylan ML, Mapua CA, Cabral LKD, Cortez ER, **Sukowati C**, Natividad FF, Enriquez MLD. Detection of KRAS mutations among Filipino patients with colorectal adenocarcinoma. *Gene Expression.* Published online: Jul 12, 2024. doi: 10.14218/GE.2023.00097.
8. Agustiniingsih A, Rasyak MR, Turyadi, Jayanti S, **Sukowati C**. The oncogenic role of hepatitis B virus X gene in hepatocarcinogenesis: recent updates. *Explor Target Antitumor Ther.* 2024;5(1):120-134. doi: 10.37349/etat.2024.00209. Epub 2024 Feb 20.
9. Jayanti S, Vitek L, Verde CD, Llido JP, **Sukowati C**, Tiribelli C, Gazzin S. Role of natural compounds modulating heme catabolic pathway in gut, liver, cardiovascular, and brain diseases. *Biomolecules.* 2024 Jan 2;14(1):63. doi: 10.3390/biom14010063.
10. Nurjannah, Jayanti S, Tanoerahardjo FS, Al Musyahadah US, **Sukowati C**, Massi MN. Major Drug Resistance Mutations on Reverse Transcriptase Gene in Human Immunodeficiency Virus Type-1 in Indonesia: A Systematic Review. *Curr HIV/AIDS Rep.* 2024 Jan 20. doi: 10.1007/s11904-023-00687-5.
11. **Sukowati C**, Weiz G, Lestari WW, Tiribelli C. Glycosylated-drug delivery as targeted therapy for hepatocellular carcinoma: Are we there yet?. *Curr Pharm Des.* 2023;29(31):2439-2441. doi: 10.2174/0113816128269619231018074301.
12. **Sukowati C**, El Khobar Korri, Jasirwan COM, Kurniawan J, Gani RA. Stemness markers in hepatocellular carcinoma of Eastern vs. Western population: Etiology matters?. *Annals Hepatol.* 2023 Sep 19;29(1):101153. doi: 10.1016/j.aohep.2023.101153
13. **Sukowati C**, Cabral LKD, Anfuso B, Dituri F, Negro R, Giannelli G, Tiribelli C. PD-L1 down-regulation and DNA methylation inhibition for molecular therapy against cancer stem cells in hepatocellular carcinoma. *Int. J. Mol. Sci.* 2023, 24(17), 13357; <https://doi.org/10.3390/ijms241713357>.
14. Agustiniingsih A, Indalao IL, Pangesti KA, **Sukowati C**, Ramadhany R. Molecular characterization of influenza A/H3N2 Virus isolated from Indonesian Hajj and Umrah pilgrims 2013 to 2014. *Life (Basel).* 2023 Apr 27;13(5):1100. doi: 10.3390/life13051100.
15. El-Khobar KE, **Sukowati C**. Updates on organoid model for the study of liver cancer. *Technol Cancer Res Treat.* 2023 Jan-Dec;22:15330338231154090. doi: 10.1177/15330338231154090.
16. Cabral, LKD, Giraudi PJ, Giannelli G, Dituri F, Negro R, Tiribelli C, **Sukowati C**. Network analysis for the discovery of common oncogenic biomarkers in liver cancer experimental models. *Biomedicines* 2023, 11(2), 342; <https://doi.org/10.3390/biomedicines11020342>
17. **Sukowati C**, Tiribelli C. Adult stem cells therapy as regenerative medicine for end-stage liver disease. *Adv Exp Med Biol.* 2022;1401:57-72. doi: 10.1007/5584\_2022\_719.
18. **Sukowati C**, Cabral LKD, Tiribelli C. Immune checkpoint and angiogenic inhibitors for the treatment of hepatocellular carcinoma: It takes two to tangle. *Ann Hepatol.* 2022 Sep-Oct;27(5):100740. doi: 10.1016/j.aohep.2022.100740.
19. Bianca C, Sidhartha E, Tiribelli C, El-Khobar KE, **Sukowati C**. Role of hepatitis B virus in development of hepatocellular carcinoma: Focus on covalently closed circular DNA. *World J Hepatol.* 2022 May 27;14(5):866-884. doi: 10.4254/wjh.v14.i5.866.
20. Abruzzese V, **Sukowati C**, Tiribelli C, Matera I, Ostuni A, Bisaccia F. The expression level of ABCC6 transporter in colon cancer cells correlates with the activation of the purinergic system and the PI3K/AKT signalling. *Pathophysiology.* 2022 May 12;29(2):173-186. doi: 10.3390/pathophysiology29020015.
21. Weiz G, Molejon M, Malvicini M, **Sukowati C**, Tiribelli C, Mazzolini G, Breccia JD. Glycosylated 4-methylumbelliferone as a target-therapy against hepatocellular carcinoma. *Liver Int.* 2022 Feb;42(2):444-457. doi: 10.1111/liv.15084. Epub 2021 Dec 10.

22. Lulli M, Del Coco L, Mello T, **Sukowati C**, Madiari S, Gragnani L, Forte P, Fanizzi FP, Mazzocca A, Rombouts K, Galli A, Carloni V. DNA damage response protein CHK2 manages cell metabolism in liver cancer. *Cancer Res.* 2021 Mar 24;canres.3134.2020. doi: 10.1158/0008-5472.CAN-20-3134.
23. Cabral LKD, Reyes PAC, Crocè LS, Tiribelli C, **Sukowati CHC**. The relevance of SOCS1 methylation and epigenetic therapy in diverse cells populations of hepatocellular carcinoma. *Diagnostics (Basel).* 2021 Oct 2;11(10):1825. doi: 10.3390/diagnostics11101825.
24. Cabral LKD, Mapua CA, Natividad FF, **Sukowati CHC**, Cortez ER, Enriquez MLD. MutL homolog 1 methylation and microsatellite instability in sporadic colorectal tumors among Filipinos. *World J Gastrointest Oncol.* 2021 Dec 15;13(12):2101-2113. doi: 10.4251/wjgo.v13.i12.2101.
25. **Sukowati CHC**, El-Khobar KE, Tiribelli C. Immunotherapy against PD-1/PD-L1 in hepatocellular carcinoma: Importance of molecular variations, cellular heterogeneity, and cancer stem cells. *World J Stem Cells* 2021 July 26; 13(7): 795-824 DOI: 10.4252/wjsc.v13.i7.795
26. **Sukowati CHC**, Cabral LKD, Tiribelli C, Pascut D. circulating long and circular noncoding RNA as non-invasive diagnostic tools of hepatocellular carcinoma. *Biomedicines.* 2021 Jan 19;9(1):90. doi: 10.3390/biomedicines9010090. PMID: 33477833; PMCID: PMC7832835.
27. Luong AB, Do HQ, Tarchi P, Bonazza D, Bottin C, Cabral LKD, Tran LDC, Doan TPT, Crocè LS, Pham HLT, Tiribelli C, **Sukowati CHC**. The mRNA Distribution of cancer stem cell marker CD90/Thy-1 is comparable in hepatocellular carcinoma of eastern and western populations. *Cells.* 2020 Dec 12;9(12):2672. doi: 10.3390/cells9122672. PMID: 33322687; PMCID: PMC7764111.
28. Do HQ, Luong AB, Bonazza D, Bottin C, Doan TP, Tran LD, Truong NH, Tell G, Pham HL, Tiribelli C, **Sukowati CH**. Differential capacity of CD90+ cells in autophagy activation following chemotherapy in hepatocellular carcinoma. *Ann Hepatol.* 2020 Nov-Dec;19(6):645-652. doi: 10.1016/j.aohp.2020.07.007. Epub 2020 Aug 1. PMID: 32745631.
29. DiStefano J, **Sukowati CHC**. lcnRNA-mediated regulation of acquired chemoresistance in HCC. Chapter of 'The Chemical Biology of Long Noncoding RNAs. Springer book 2020.
30. Cabral LK, Tiribelli C, Sukowati C. The involvement of DNA methylation in the liver regeneration upon injury. *Hepatoma Res* 2021;7:41 <https://dx.doi.org/10.20517/2394-5079.2020.127>
31. Cabral LKD, Tiribelli C, **Sukowati CHC**. Sorafenib resistance in hepatocellular carcinoma: The relevance of genetic heterogeneity. *Cancers (Basel).* 2020 Jun 15;12(6):1576. doi: 10.3390/cancers12061576. PMID: 32549224; PMCID: PMC7352671.
32. **Sukowati CHC**. Heterogeneity of hepatic cancer stem cells. Book chapter. *Advances in experimental medicine and biology.* Springer Book. *Adv Exp Med Biol.* 2019;1139:59-81. doi: 10.1007/978-3-030-14366-4\_4
33. **Sukowati CHC**, Anfuso B, Fiore E, Ie SI, Raseni A, Vascotto F, Avellini C, Mazzolini G, Tiribelli C. Hyaluronic acid inhibition by 4-methylumbelliferone reduces the expression of cancer stem cells markers during hepatocarcinogenesis. *Sci Rep.* 2019 Mar 11;9(1):4026. doi: 10.1038/s41598-019-40436-6. PMID: 30858465; PMCID: PMC6411988.
34. Pascut D, **Sukowati CHC**, Antoniali G, Mangiapane G, Burra S, Mascaretti LG, Buonocore MR, Crocè LS, Tiribelli C, Tell G. Serum AP-endonuclease 1 (sAPE1) as novel biomarker for hepatocellular carcinoma. *Oncotarget.* 2019 Jan 8;10(3):383-394. doi: 10.18632/oncotarget.26555. PMID: 30719231; PMCID: PMC6349448.
35. Giuffrè M, Patti R, Pascut D, Macor D, Masutti F, Abazia C, Tinè F, Buonocore MR, Colombo A, Visintin A, Campigotto M, **Sukowati CHC**, Tiribelli C, Crocè LS. MicroRNAs regulation of the process of neo-angiogenesis in hepatocellular carcinoma. *Ann Gastroenterol Dig Dis,* 1(1): 009-016
36. **Sukowati CHC**, Reyes PAC, Tell G, Tiribelli C Oncogenicity of viral hepatitis in the initiation of hepatic cancer stem cells. *Hepatoma Res* 2019;5:2.10.20517/2394-5079.2018.106
37. **Sukowati CHC**. Heterogeneity of hepatic cancer stem cells. *Adv Exp Med Biol.*2019;1139:59-81. doi: 10.1007/978-3-030-14366-4\_4. PMID: 31134495.
38. Anfuso B, El-Khobar KE, Ie SI, Avellini C, Radillo O, Raseni A, Tiribelli C, **Sukowati CHC**. Activation of hepatic stem cells compartment during hepatocarcinogenesis in a HBsAg HBV-transgenic mouse model. *Sci Rep.* 2018 Sep 3;8(1):13168. doi: 10.1038/s41598-018-31406-5. PMID: 30177788; PMCID: PMC6120871.
39. **Sukowati CHC**, Patti R, Pascut D, Ladju RB, Tarchi P, Zanotta N, Comar M, Tiribelli C, Crocè LS. Serum stem cell growth factor beta for the prediction of therapy response in hepatocellular carcinoma. *Biomed Res Int.* 2018 Aug 30;2018:6435482. doi: 10.1155/2018/6435482. PMID: 30246025; PMCID: PMC6136561.
40. Ladju RB, Pascut D, Massi MN, Tiribelli C, **Sukowati CHC**. Aptamer: A potential oligonucleotide nanomedicine in the diagnosis and treatment of hepatocellular carcinoma. *Oncotarget.* 2017 Dec 16;9(2):2951-2961. doi: 10.18632/oncotarget.23359. Erratum in: *Oncotarget.* 2018 Feb 26;9(16):13101. PMID: 29416827; PMCID: PMC5788695.
41. **Sukowati CH**, El-Khobar KE, Ie SI, Anfuso B, Muljono DH, Tiribelli C. Significance of hepatitis virus infection in the oncogenic initiation of hepatocellular carcinoma. *World J Gastroenterol.* 2016 Jan 28;22(4):1497-512. doi: 10.3748/wjg.v22.i4.1497. PMID: 26819517; PMCID: PMC4721983.
42. Anfuso B, El-Khobar KE, **Sukowati CH**, Tiribelli C. The multiple origin of cancer stem cells in hepatocellular carcinoma. *Clin Res Hepatol Gastroenterol.* 2015 Sep;39 Suppl 1:S92-7. doi: 10.1016/j.clinre.2015.05.011. Epub 2015 Jul 15. PMID: 26186879.

43. **Sukowati CH**, Anfuso B, Pascut D, Tiribelli C. Multidrug resistance in hepatic cancer stem cells: the emerging role of miRNAs. *Expert Rev Gastroenterol Hepatol*. 2015 Jun;9(6):723-5. doi: 10.1586/17474124.2015.1041509. Epub 2015 Apr 28. PMID: 25920931.
44. **Sukowati CH**, Anfuso B, Crocè LS, Tiribelli C. The role of multipotent cancer associated fibroblasts in hepatocarcinogenesis. *BMC Cancer*. 2015 Mar 27;15:188. doi: 10.1186/s12885-015-1196-y. PMID: 25879842; PMCID: PMC4389787.
45. Anfuso B, Tiribelli C, **Sukowati CH**. Recent insights into hepatic cancer stem cells. *Hepatol Int*. 2014 Sep;8 Suppl 2:458-63. doi: 10.1007/s12072-013-9498-0. Epub 2013 Dec 20. PMID: 26201324.
46. **Sukowati CH**, Tiribelli C. The biological implication of cancer stem cells in hepatocellular carcinoma: a possible target for future therapy. *Expert Rev Gastroenterol Hepatol*. 2013 Nov;7(8):749-57. doi: 10.1586/17474124.2013.846826. PMID: 24161136.
47. **Sukowati CH**, Anfuso B, Torre G, Francalanci P, Crocè LS, Tiribelli C. The expression of CD90/Thy-1 in hepatocellular carcinoma: an in vivo and in vitro study. *PLoS One*. 2013 Oct 8;8(10):e76830. doi: 10.1371/journal.pone.0076830. PMID: 24116172; PMCID: PMC3792890.
48. **Sukowati CH**, Rosso N, Pascut D, Anfuso B, Torre G, Francalanci P, Crocè LS, Tiribelli C. Gene and functional up-regulation of the BCRP/ABCG2 transporter in hepatocellular carcinoma. *BMC Gastroenterol*. 2012 Nov 15;12:160. doi: 10.1186/1471-230X-12-160. PMID: 23153066; PMCID: PMC3538657.
49. Thedja MD, Muljono DH, Nurainy N, **Sukowati CH**, Verhoef J, Marzuki S. Ethnogeographical structure of hepatitis B virus genotype distribution in Indonesia and discovery of a new subgenotype, B9. *Arch Virol*. 2011 May;156(5):855-68. doi: 10.1007/s00705-011-0926-y. Epub 2011 Feb 12. PMID: 21318309; PMCID: PMC3081436.
50. **Sukowati CH**, Rosso N, Crocè LS, Tiribelli C. Hepatic cancer stem cells and drug resistance: Relevance in targeted therapies for hepatocellular carcinoma. *World J Hepatol*. 2010 Mar 27;2(3):114-26. doi: 10.4254/wjh.v2.i3.114. PMID: 21160982; PMCID: PMC2998960.
51. Mazzone GL, Rigato I, Ostrow JD, Bossi F, Bortoluzzi A, **Sukowati CH**, Tedesco F, Tiribelli C. Bilirubin inhibits the TNFalpha-related induction of three endothelial adhesion molecules. *Biochem Biophys Res Commun*. 2009 Aug 21;386(2):338-44. doi: 10.1016/j.bbrc.2009.06.029. Epub 2009 Jun 10. PMID:19523446.