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**AGENDA (Tentative)**

“INTERNATIONAL CONFERENCE ON STEM CELLS & LIFE SCIENCE”

5 - 6 November 2021

Venue: ULIS Sunwah Center, Vietnam National University Hanoi (VNUH)

The conference is solely sponsored by Vingroup innovation foundation (VinIF). In addition, the conference also received important sponsorship from companies such as BCE - Vietnam, Miltenyi - Biotech, Beckman Coulter, Thang Long Instruments

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| **Day 1: Friday, 5 November 2021** | |
| 8:30 - 9:00 | Registration |
| 9:00 - 9:30 | Opening ceremony, Photography Session |
| **Session 1** | **Chairperson: Prof. Nguyen Thanh Liem (VRISG, Vietnam)** |
| 9:30 - 10:00 | **Invited speaker 1:**  **Title:** Development of Precision Crispr/Cas9-based Genomic Editing in Stem Cell Therapeutics  **Speaker:** Prof. Chiou, Shih-Hwa (National Yang-Ming University, Taiwan) |
| 10:00 - 10:30 | **Invited speaker 2:**  **Title:** Clinical application of stem cells in treatment of [Neurological Disorder](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3068820/)  **Speaker:** Prof. Nguyen Thanh Liem (VRISG, Vietnam) |
| **10:35 - 11:00** | **Tea break and Poster evaluation** |
| **Session 2** | **Chairperson: Prof Chiou, Shih-Hwa ((National Yang-Ming Uni, Taiwan)** |
| 11:00 - 11:30 | **Invited speaker 3**  **Title:** From oocytes to stem cells  **Speaker:** Dr. Dang Nguyen Quang Thanh (NARO, Japan) |
| 11:30 - 11:50 | **Presentation 1**  **Title:** Optimization of human cord blood-derived mesenchymal stem cell isolation and expansion  **Speaker:** Assoc. Prof. Hoang Thi My Nhung, PhD. VNU University of Science |
| 11:50 – 12:10 | **Presentation 2**  **Title:** Promotion of wound healing using mesenchymal stem cell-derived exosomes combined with cold atmospheric plasma in diabetic rat model  **Speaker:** Do Thi Quynh, PhD student. VNU University of Medicine and Pharmacy |
| **12:10 - 13:30** | **Lunch** |
| **Session 3** | **Chairperson: Prof. Le Van Dong (MIPM, Vietnam)** |
| 13:30 - 14:00 | **Invited speaker 4**  **Title:** Endogenous Stem Cell Technology: from Physiological Response in Injury to DTH therapy  **Speaker**: Dr. Nguyen Thi Thanh Huong, PhD (Hanoi Medical University, Vietnam) |
| 14:00 - 14:20 | **Presentation 3**  **Title**: Application of deer antler-derived stem cells on anti-aging  **Speaker:** Assoc. Prof. Nguyen Lai Thanh, PhD. Center for Life Science Research (CELIFE), Faculty of Biology, VNU University of Science |
| 14:20 – 14:40 | **Presentation 4** Title: Differential wound healing capacity of mesenchymal stem cell-derived exosomes originated from bone marrow, adipose tissue and umbilical cord under serum- and xeno-free condition **Speaker:** Than Thi Trang Uyen, PhD. Vinmec Institute for Applied Sciences and Regenerative Medicine |
| 14:40 - 15:00 | **Presentation 5**  **Title:** Induced Pluripotent Stem Cell-Based Disease Modeling and Drug Discovery  **Speaker:** Le Thi Thuy Duong, PhD. Institute of Biotechnology, VAST |
| 15:00 - 15:20 | **Presentation 6**  **Title:** Evaluation of potential of adipose - derived stem cells from breast cancer cell transplanted mice  **Speaker:** Nguyen Van Hanh, PhD. Institute of Biotechnology, VAST |
| **15:20 - 16:00** | **Tea break and Poster evaluation** |
| **Sesion 4** | **Chairperson: Dr. Nguyen Dang Quang Than (NARO, Japan)** |
| 16:00 – 16:30 | **Invited speaker 5**  **Title:** Guideline on applied research of human cells and cell-based products in Vietnam  **Speaker:** Assoc. Prof. Le Van Dong, PhD. Military Institute of Preventive Medicine. |
| 16:30 – 17:00 | **Presentation 7**  **Title:** Application of human umbilical cord-derived stem cells at Bưu Dien hospital  **Speaker:** Nguyen Van Long, PhD. Hospital of Post and Telecommunication |
| 17:00 – 17:20 | **Presentation 8** Title: Evaluation of the ability to isolate and potential of stem cells from cryopreserved human umbilical cord tissue **Speaker**: Nguyen Trung Kien, PhD student. Vietnam National University of Agriculture |
| **17:20 – 17:45** | **Award ceremony and Closing speech** |
| 18:00 – 20:00 | Welcome dinner for keynote speakers |
| **Day 2: Saturday, 6 November 2021** | |
| **Session 5** | **Chair person: Prof. Nguyen Thanh Liem (VRISG, Vietnam)** |
| 9:00 – 10:30 | **Discussion on the development of Vietnam Stem cell research and application network** |
| **10:30 – 11:00** | **Tea break** |
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| 11:00 - 11:20 | **Conducting the achievement of the conference**  **Planning the establishment of Vietnam Stem cell and stem cell – based product Organization** |
| 11:20 - 11:30 | **Closing remarks:** Prof. Nguyen Thanh Liem (VRISG, Vietnam) |

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