Program

Saturday, April 10, 2004
Arrival and check in at Majestic Hotel, HoChiMinh City, Vietnam.

Sunday, April 11, 2004
10:00 – 12:00  Setup conference room, manipulative microscopy.
14:00 – 16:00 Meeting of the workshop steering committee

Monday, April 12, 2004
9:00-      Registration
10:00-10:15 Welcome and Opening remarks: Prof. Bui Cach Tuyen, Rector of NLU, VIETNAM and Dr. Teruhiko Wakayama, RIKEN, CDB, JAPAN.

Session I
Session chairs:  Dr. Takashi (TAKU) NAGAI  
                 National Institute of Agrobiological Sciences, Tsukuba, JAPAN.
                 Dr. Trinh Cong THANH  
                 Nong Lam University, HoChiMinh City, VIETNAM.

10:15 - 10:45  Generation of Cloned Mice and ntES Cells From Somatic Cells  
               Dr. Teruhiko WAKAYAMA, RIKEN, Center for Developmental Biology, Kobe, JAPAN.

10:45 - 11:15 Mammalian Oocyte Growth Outside the Ovary  
                Dr. Takashi MIYANO, Kobe University, Kobe, JAPAN.

11:15 – 11:45 Bovine and Swamp Buffalo Somatic Cell Nuclear Transfer in Thailand  
                Dr. Rangsun PARNPAI, Suranaree University of Technology, Nakhon Ratchasima, THAILAND

11:45-12:15  Development of Embryo Biotechnology at Vietnam Academy for Sciences and Technology  
                 Dr. Bui Xuan NGUYEN, Vietnam Academy for Sciences and Technology, Hanoi, VIETNAM

12:15 - 14:00 Lunch

Session II
Session chairs:  Dr. Takashi MIYANO  
                 Kobe University, Kobe, JAPAN  
                 Dr. Nguyen Ngoc TUAN  
                 Nong Lam University, HoChiMinh City, VIETNAM
Program

14:00 – 14:30  Follicle Selection in Porcine Ovaries: Regulation of Granulosa Cell Apoptosis during Atresia  
Dr. Noboru MANABE, Kyoto University, Kyoto, JAPAN

14:30 – 15:00  ICSI in Pigs; Pretreatment of Sperm with Chemicals  
Dr. Kazuhiro KIKUCHI, National Institute of Agrobiological Sciences, Tsukuba, JAPAN

15:00 – 15:30  An Attitude for Science: How to Make a Breakthrough in Difficult Experiments In Taku’s Case  
Dr. Takashi (TAKU) NAGAI, National Institute of Agrobiological Sciences, Tsukuba, JAPAN

15:30 – 18:00  Demonstration of nuclear transfer and ICSI technique  
Research Scientists of RIKEN, CDB, JAPAN

19:30 – 22:30  Welcome party

Tuesday, April 13, 2004

Session III
Session chairs: Dr. Masashi MIYAKE  
Kobe University, JAPAN  
Dr. Teruhiko WAKAYAMA  
RIKEN, Center for Developmental Biology, JAPAN

9:00 – 9:20  Overview on Biotechnology Research in Animal Production at NLU, HCMC  
Dr. Tran Thi DAN, Nong Lam University, HoChiMinh City, Vietnam

9:20-9:40  Similar Time Restriction for ICSI and ROSI into Activated Oocytes for Efficient Offspring Production  
Dr. Satoshi KISHIGAMI, RIKEN, Center for Developmental Biology, Kobe, JAPAN

9:40-10:00  Spindle Morphogenesis and Effects of In Vitro Remodeling of Donor Somatic Cell on the Developmental Viability in Mouse Cloning  
Dr. Nguyen Van THUAN, RIKEN, Center for Developmental Biology, Kobe, JAPAN

10:00-10:20  The Study of Sex Reverses from Male to Female after the Androgenic Gland Ablation in Macrobrachium Nipponenese De Haan & the Beginning of the Stem Cell Technology Research in Vietnam  
Dr. Nguyen Mong HUNG, Hanoi University of Science, Hanoi, VIETNAM

10:20-10:30  Coffee break

Session IV
Session chairs: Dr. Kazuhiro KIKUCHI  
National Institute of Agrobiological Sciences, Tsukuba, JAPAN  
Dr. Tran Thi DAN  
Nong Lam University, HoChiMinh City, VIETNAM

10:30 – 10:50  Early Development of Porcine Parthenogenetic Diploids in-vitro and in-vivo  
Dr. Masashi MIYAKE, Kobe University, Kobe, JAPAN
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>10:50 -11:10</td>
<td><strong>Male Germ Cell Transplantation in Mouse</strong></td>
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<td><em>Dr. Hiroshi OHTA,</em> RIKEN, Center for Developmental Biology, Kobe, JAPAN</td>
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<td>11:10 –11:30</td>
<td><strong>Regulation of Chromosome Condensation and Decondensation by the Change in Histone H3 (Ser10) Phosphorylation in Pig Oocytes</strong></td>
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<td><em>Ms. Bui Hong THUY,</em> Ph.D student, Kobe University, Kobe, JAPAN</td>
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<td>11:30-11:50</td>
<td><strong>In Vitro Production of Porcine Embryos: Utility of a Novel Chemically Defined Medium</strong></td>
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<td><em>Dr. Koji YOSHIOKA,</em> National Institute of Animal Health, Tsukuba, JAPAN</td>
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<td>12:00 – 13:40</td>
<td>Lunch</td>
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<td><strong>Session V</strong></td>
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<td><em>Session chairs: Dr. Takashi (TAKU) NAGAI</em></td>
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<td>National Institute of Agrobiological Sciences, Tsukuba, JAPAN</td>
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<td><em>Dr. Rangsun PARNPAI</em></td>
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<td>Suranaree University of Technology, THAILAND</td>
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<td>13:40 – 14:00</td>
<td><strong>The Results of Bovine in vitro Fertilization Research at National Institute of Animal Husbandry</strong></td>
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<td><em>Dr. Nguyen Van LY,</em> National Institute of Animal Husbandry, Hanoi, VIETNAM</td>
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<td>14:00 – 14:20</td>
<td><strong>The Control Mechanism of Genomic Imprinting Important for Mammalian Development</strong></td>
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<td><em>Dr. Takafusa HIKICHI,</em> RIKEN, Center for Developmental Biology, Kobe, JAPAN</td>
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<td>14:20 – 14:40</td>
<td><strong>Fertilizability and Developmental Ability of Mouse Artificial Giant Oocyte</strong></td>
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<td><em>Ms. Sayaka WAKAYAMA,</em> Ph.D student, Kobe University, Kobe, JAPAN</td>
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<td>14:40-14:55</td>
<td>Coffee break</td>
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<td><strong>Session VI</strong></td>
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<td><em>Session chairs: Dr. Noboru MANABE</em></td>
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<td>Kyoto University, Kyoto, JAPAN</td>
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<td><em>Dr. Nguyen Van THUAN</em></td>
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<td>RIKEN, CDB, Kobe, JAPAN</td>
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<td>14:55 – 15:10</td>
<td><strong>Cloning of Leopard cat embryos using enucleated domestic cat oocytes</strong></td>
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<td><em>Ms. Chanchao LORTHONGPANICH,</em> Suranaree University of Technology, Nakhon Ratchasima, THAILAND</td>
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<td>15:10 – 15:25</td>
<td><strong>In Vitro Development of Cloned Swamp Buffalo Embryos Derived from Vitrified Matured Oocytes</strong></td>
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<td><em>Ms. Suchitra MUENTHAISONG,</em> Suranaree University of Technology, Nakhon Ratchasima, THAILAND</td>
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<td>15:25 – 15:40</td>
<td><strong>Fertilization of GV-Enucleated and Maturated Pig Oocytes</strong></td>
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<td><em>Ms. Sugako OGUSHI,</em> Ph.D student, Kobe University, Kobe, JAPAN</td>
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<td>15:40-15:55</td>
<td>Coffee break</td>
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Session VII

Session chair: Dr. Bui Xuan NGUYEN
Vietnam Institute of Science, Hanoi, VIETNAM
Dr. Satoshi KISHIGAMI
RIKEN, Center for Developmental Biology, JAPAN

15:55 – 16:10 The Effect of Ficoll in Vitrification Solution and Hatching Status of Cloned Bovine Blastocysts on the Survival Rate after Vitrification by Using Cryotop
Mr. Chuti LAOWTAMMATHRON, Suranaree University of Technology, Nakhon Ratchasima, THAILAND

16:10 – 16:25 Determination of optimal conditions for parthenogenetic activation and subsequent development of rat oocytes in vitro
Mr. Eiji MIZUTANI, PhD student, Tohoku University, Sendai, JAPAN

16:25 – 16:40 In Vitro Development of Embryos Cloned from Primordial Germ Cells in Mice
Ms. Hiromi MIKI, Bioresource Center, RIKEN, Tsukuba, JAPAN.

16:40 – 16:55 Establish Protocol for Isolation and Primary Culture Human Keratinocytes
Tran Le Bao HA, The College of Natural Sciences, Ho Chi Minh City, VIETNAM

16:55-17:10 Closing remarks
Prof. Bui Cach TUYEN, Nong Lam University, Ho Chi Minh city, VIETNAM
Dr. Takashi (TAKU) NAGAI, National Institute of Agrobiological Sciences, JAPAN

19:30-22:30 Closing party

Wednesday, April 14, 2004

9:30-11:30 The meeting of Workshop Committee

Members of the RIKEN-CDB, Kobe University, National Institute of Agrobiological Sciences, Kyoto University, Suranaree University of Technology-Thailand, and Nong Lam University will meet to discuss the planning of the 2005 Reproductive Biotechnology meeting.

April 15 - 16, 2004

Study trip to Hue University