



งานบริหารและธุรการ
วันที่ 9 กรกฎาคม พ.ศ. 2562
คณะสวดวิสาขมาสและเทคนิโด้
รับที่..... 170
เลขที่.....
วันที่..... 9 ก.ค. 2562
เวลา.....

สิ่งที่ส่งมาด้วย 1. รายละเอียดงานสัมมนา จำนวน 1 ฉบับ

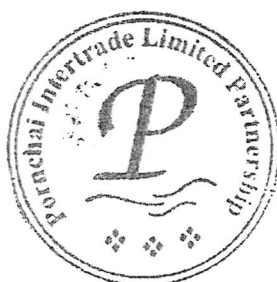
ทางห้างหุ้นส่วนจำกัดพรชัยอินเตอร์เทรด หวังเป็นอย่างยิ่งว่าการเข้าร่วมสัมมนาและเข้าร่วมประชุมในครั้งนี้จะเป็นประโยชน์ต่อหน่วยงานของท่านเพื่อนำไปพัฒนาต่อไป และหวังเป็นอย่างยิ่งว่าจะได้รับความอนุเคราะห์จากท่านเป็นอย่างดีและขอขอบพระคุณล่วงหน้ามา ณ โอกาสนี้

☒ เพื่อทราบ

☐ เพื่อทราบและโปรดพิจารณา

☒ เพื่อทราบและแจ้งให้ ^{ผ.ร. ภาณุ ๓๓๖} ~~ผู้เกี่ยวข้องทราบ~~

☐ เพื่อทราบและแจ้งให้บุคลากรทราบ



Sya Sidi

ห้างหุ้นส่วนจำกัดพรชัยอินเตอร์เทรด

9.9.9.9

1103

SCHEDULE
IXth INTERNATIONAL CONFERENCE ON
BOAR SEMEN RESERVATION

11 - 14 August 2019

Sunday, 11 August 2019

2:00PM - 5:00PM Registration opens

7:00PM - 10:00PM Conference Reception BBQ on Fairway Lawn

Monday, 12th August 2019

8:00AM - 8:15AM Welcome

8:15AM - 9:00AM Keynote Address: Application of preserved boar semen for artificial
insemination: past, present and future challenges - **Dagmar Waberski**

9:00AM - 10:30AM Session 1: Sperm preservation 1

- Photostimulation and thermotaxis of sperm - **Juan Rodriguez-Gil**
- Implications of boar sperm kinematics and rheotaxis for fertility
after preservation - **Sean Fair**

10:30AM - 11:00AM Morning Tea and Industry Exhibition

11:00AM - 12:30PM Session 2: Sperm preservation 2

- Boar semen proteomics and sperm preservation - **Inmaculada Parrilla**
- Effects of cold shock and warming rate on boar semen - **Anaïs S Østergaard**

- Relative GSTM3-abundance in fresh boar sperm is related to their cryotolerance - **Isabel Barranco**
- Replacing egg yolk with lecithin in the semen extender compromised frozen-thawed sperm qualities in boar - **Pachara Pearodwong**

12:30PM - 1:30PM Lunch and Industry Exhibits

1:30PM - 3:00PM Poster Session

3:00PM - 3:30PM Afternoon Tea and Industry Exhibition

3:30PM - 5:30PM Session 3: Seminal Plasma

- Seminal plasma as a marker of sperm function and fertility. - **Xavier Druart**
- Potential of seminal plasma to improve the fertility of frozen-thawed boar spermatozoa. - **Marc Yeste**
- Bioinformatics approaches for improving seminal plasma proteome analysis - **Shoba Ranganathan**

7:00PM - 10:00PM Evening excursion and Dinner Off Site - Tamburlaine Winery

Tuesday 13th August 2019

8:00AM - 10:00AM Session 4: Capacitation

- Boar Semen Improvement through Sperm Capacitation Management, With Emphasis on Zinc Ion Homeostasis - **Peter Sutovsky**
- Novel methods to detect capacitation-related changes in spermatozoa - **Naomi Bernecic**

- The effect of pre-freeze cooling and melatonin on pig sperm plasma membrane fluidity and cryosurvival - **Alfredo Medrano**
- Multicolor flow cytometry visualization of storage-induced alterations of capacitation behavior in viable boar sperm. - **Anne-Marie Luther**

10:00AM - 10:30AM Morning Tea and Industry Exhibition

10:30AM - 12:00PM Session 5: Biotechnology

- Pre-determination of sex in pigs by application of CRISPR/Cas system for genome editing - **Stefanie Kurtz**
- Treatment of boar sperm with nanoparticles for improved fertility - **Jean M Feugang**
- Shotgun proteome analysis of seminal plasma proteins differentiate boars by reproductive performance - **Kara R Stewart**

12:00PM - 1:00PM Lunch and Industry Exhibits

1:00PM - 3:00PM Session 6: Quality control and Biosecurity

- Effective biosecurity to protect studs and clients from emerging infectious disease - **Darwin L. Reicks**
- New trends in production management in European boar studs - **Martin Schulze**
- Prevalence and Economic Consequences of Chromosomal Abnormalities in the North American Boar Population - **Julie M Robinson**
- Dissection of variance for semen quality traits to assist boar AI stations - **Marleen LWJ Broekhuijse**

3:00PM - 3:30PM Afternoon Tea

3:30PM - 5:30PM Session 7: Semen assessment

- An update on boar semen assessments by flow cytometry and CASA - **Gry Boe-Hansen**
- Exploring potential biomarkers for boar sperm cryopreservation using RNA-sequencing technology - **Jean M Feugang**
- Application of PrestoBlue™ to evaluate boar semen quality - **Hsiu-Lien Lin**
- Optimal sample volume for the eFlow system for boar semen concentration measurement with AndroVision® CASA - **Rudolf Grossfeld**

7:00PM - 10:00PM Conference Dinner on Site

Wednesday 14th August 2019

8:00AM - 10:00AM Session 8: Artificial Insemination

- The fate of spermatozoa in the female reproductive tract: A comparative review - **Jessica Rickard**
- Pre-AI intrauterine seminal plasma infusions advance embryo development by up-regulating PI3K/AKT and MAPK/ERK signaling pathways? - **Inmaculada Parrilla**
- Effects of number of sperm and site of uterine semen deposition on conception rate and number of embryos in weaned sows receiving a single fixed time insemination - **Robert Knox**

- Special Presentation - Survey of the pig industry and the application of artificial insemination in South East Asia – **invited speaker (40 minutes)**

10:00AM - 10:30AM Morning Tea and Industry Exhibition

10:30AM - 12:10PM Session 9: In vivo and in vitro fertilization

- Pig in vitro fertilization: where are we and where do we go? - **Raquel Romar**
- Effect of colloid centrifugation on boar sperm quality during storage and function in in vitro fertilization - **Jane Morrell**

12:10PM - 12:30PM Closing ceremony

12:30PM - 1:30PM Sit Down Farewell Lunch (Optional)