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## การเผยแพร่งานวิจัย

ผลการวิจัยในส่วนที่ได้ดำเนินการช่วงแรก ได้นำมาเผยแพร่ในรูปแบบโปสเตอร์ ในงานประชุมทางวิชาการทางสัตวแพทย์ ประจำปี 2553 ของคณะสัตวแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย และได้ตีพิมพ์ลงในวารสารระดับนานาชาติ The Thai Journal of Veterinary Medicine (TJVM) ดังนี้

Chivachareern, P. and **Tienthai, P.** 2010. Fas-L immunolocalization in Thai swamp buffalo oviduct. Proceedings of the 9<sup>th</sup> Chulalongkorn University Veterinary Annual Conference, Chulalongkorn University, Bangkok, Thailand. Thai J. Vet. Med. 40(1): 113.

สำหรับผลงานการวิจัยที่ได้ทั้งหมด จะนำมาเรียบเรียงและเขียนอีกครั้งเป็นภาษาอังกฤษ ซึ่งมีทั้งหมด 2 เรื่อง โดยเรื่องแรกได้ยอมรับให้ตีพิมพ์ลงในวารสารระดับนานาชาติคือ The Thai Journal of Veterinary Medicine (TJVM) (Impact factor: 0.118) และเรื่องที่ 2 จะส่งลงตีพิมพ์ในวารสาร Reproduction in Domestic Animals (impact factor: 1.606) โดยมีหัวข้อดังต่อไปนี้

1. **Tienthai, P.**, Chivachareern, P., Sajjarengpong, K. and Assavacheep, P. 2011. Fas ligand in swamp buffalo oviduct during follicular and luteal phases. Thai J. Vet. Med. 41(1): 21-29.
2. **Tienthai, P.** 2011. Hyaluronan and sulphated glycosaminoglycans in Thai swamp buffalo oviduct at follicular and luteal phases. Reprod. Demest. Anim. (writing manuscript)

ตารางแสดงรายละเอียดการใช้งินงบประมาณ

ครั้งที่ 1 ระหว่าง 1 ตุลาคม 2552 ถึง 1 มีนาคม 2553

**1. หมวดค่าใช้สอย**

ลำดับที่	เลขที่ใบเสร็จ/ ใบสำคัญรับเงิน	วัน/เดือน/ปี	รายการ	จำนวนเงิน	หมายเหตุ
1	บก. 111/1	1 ก.ย.-16 ก.ย. 52	ค่าเดินทางเก็บตัวอย่าง	1,680.00	
2	บก. 111/2	17 ก.ย.-24 ก.ย. 52	ค่าเดินทางเก็บตัวอย่าง	1,740.00	
3	บก. 111/3	28 ก.ย.-1 ต.ค. 52	ค่าเดินทางเก็บตัวอย่าง	1,700.00	
4	บก. 111/4	5 ต.ค.-13 ต.ค. 52	ค่าเดินทางเก็บตัวอย่าง	1,660.00	
5	บก. 111/5	14 ต.ค.-20 ต.ค. 52	ค่าเดินทางเก็บตัวอย่าง	1,690.00	
6	บก. 111/6	6 พ.ย.-20 พ.ย. 52	ค่าเดินทางเก็บตัวอย่าง	1,520.00	
7	3427	28 ม.ค. 53	ค่าพิมพ์โปสเตอร์	700.00	
<b>รวม</b>				<b>10,690.00</b>	

**2. หมวดค่าวัสดุ**

ลำดับที่	เลขที่ใบเสร็จ/ ใบสำคัญรับเงิน	วัน/เดือน/ปี	รายการ	จำนวนเงิน	หมายเหตุ
1	85577	30 พ.ย. 52	- Vectastain Elite - Normal Horse Serum - Normal Goat Serum	55,725.60	
2	86784	20 ธ.ค. 52	- Biotinylated Anti-Rabbit - DAB substrate	24,460.00	
3	42111	14 ม.ค. 53	- Fas Ligand antibody	36,050.00	
4	5580	24 ม.ค. 53	- Fas antibody	42,800.00	

			- Syndecan-1		
5	52-01831	25 ม.ค. 53	- Polysine slides	3,852.00	
6	200911	28 ม.ค. 53	- Gelatine powder	1,030.00	
7	52-01842	30 ม.ค. 53	- Microwave plastic box	1,386.00	
<b>รวม</b>				<b>163,917.60</b>	

สรุป: ได้รับเงินงบประมาณงวดแรก **189,600.00** บาท ใช้จ่ายไป 10690.00 + 163,917.60 = **174,607.60** บาท

เหลือเงินเพื่อใช้ในงวดที่ 2 จำนวน 189,600.00 – 174,607.60 = **14,992.40** บาท

## ครั้งที่ 2 (งวดสุดท้าย) ระหว่าง 1 เมษายน 2553 ถึง 30 กันยายน 2553

## 1. หมวดค่าใช้จ่าย

ลำดับที่	เลขที่ใบเสร็จ/ ใบสำคัญรับเงิน	วัน/เดือน/ปี	รายการ	จำนวนเงิน	หมายเหตุ
1	A09076	24 ส.ค. 53	ค่าพิมพ์รายงาน	1000.00	
<b>รวม</b>				<b>1000.00</b>	

## 3. หมวดค่าวัสดุ

ลำดับที่	เลขที่ใบเสร็จ/ ใบสำคัญรับเงิน	วัน/เดือน/ปี	รายการ	จำนวนเงิน	หมายเหตุ
1	5300091	22 มิ.ย. 53	- Fas ligand (N-20)	21,400.00	
2	5301449	23 มิ.ย. 53	- Biotinylated HABP	38,520.00	
3	5301055	23 มิ.ย. 53	- Syndecan-2	21,400.00	
4	8555987	4 ส.ค. 53	-สารเคมีในการสกัด RNA	33,410.00	
5	421119	11 ส.ค. 53	-อุปกรณ์ในการทำ RT-PCR	31,000.00	
6	451903	30 ก.ย. 53	-CD44 แอนติบอดี	19,902.00	
<b>รวม</b>				<b>165,632.00</b>	

## สรุปการใช้งบประมาณกองทุนรัชดาภิเษกสมโภชทั้งหมด

1. งบประมาณที่ได้ทั้งหมด  $189,600.00 + 126,400.00 = \underline{316,000.00}$  บาท

2. งบประมาณงวดที่ 1:  $\underline{189,600.00}$  บาท ใช้จ่าย  $\underline{174,607.60}$  บาท

เหลือเงิน  $189,600.00 - 174,607.60 = \underline{14,992.40}$  บาท

3. งบประมาณงวดที่ 2:  $\underline{126,400.00} + 14,992.40 = \underline{141,392.40}$  บาท ใช้จ่าย  $\underline{166,632.00}$  บาท

ใช้เงิน  $141,392.40 - 166,632.00$  เกินกว่าเงินงบประมาณที่ได้รับ =  $\underline{25,239.60}$  บาท



