

IRTG Inaugural Meeting



Prato, Italy; May 08-10, 2014

Venue: Monash University Prato Centre, Salone Grollo

Thursday, May 08, 2014

9:00 am **Welcome and Introduction**

Kate Loveland (Monash University - MU) and Andreas Meinhardt (Justus Liebig University -JLU)

Session 1

Project 1 & Project 2

9:15 - 10:45

9:15 **P1: Hypospermatogenesis in mice and men: Investigations on two mouse models and human testicular biopsies with defective male germ cell differentiation**

Doctoral students: Anna-Lena Hempfling (JLU)

Investigators: Moira O'Bryan, Liza O'Donnell (MU)

Martin Bergmann, Klaus Steger (JLU)

Scientific advisors: Shuly Lim (MU)

10:00 **P2: Human testis cancer control by local factors; interrogation of hedgehog and activin signaling pathways and immune cells**

Doctoral students: Sivanjah Indumathy (MU)

Britta Klein (JLU)

Investigators: Kate Loveland, Mark Hedger (MU)

Martin Bergmann, Wolfgang Weidner, Hans-Christian Schuppe (JLU)

10:45 ----- **Coffee break** -----

Session 2	Project 3	11:00 – 11:45
11:00	P3: Hormones, BMPs, activins and TGFβs – How do they cooperate in the testis?	
	Doctoral students: Maciej Szarek (MU), Kai Hui Chan (JLU)	
	Investigators: Kate Loveland, <i>Catherine Itman</i> (MU) Lutz Konrad, <i>Sebastian Galuska</i> (JLU)	
12:00	----- Lunch -----	

Session 3	Workshops	01:00 – 05:15
01:00 pm	Career development session for doctoral students (venue: Sala Veneziana) led by Zlatko Skrbis (Vice-Provost MU), Vera Michel (JLU) and Sarah Meachem via Skype (MU)	
01:30	Interactive supervisor workshop for chief investigators led by Zlatko Skrbis (MU)	
03.00	----- Coffee break -----	
03.15	continuing workshops	
07:30	----- Conference Dinner at Conservatorio San Niccolò -----	

Friday, May 09, 2014

Session 4	Workshop	09:00 - 10:30
09:00 am	Joint discussion on student/ supervisor interaction led by Zlatko Skrbis (MU)	
10.30	----- Coffee break -----	

Session 5	Having an impact through IRTG work	10:45 am – 01:00 pm
10:45	How has clinical practice in Andrology been informed by basic research to date ? What information do clinicians working in Andrology need? David de Kretser (MU) and Wolfgang Weidner (JLU)	
11:45	Discussion moderated by Csilla Krausz and Gianni Forti (University of Florence)	
01:00 pm	----- Lunch -----	

02:00 pm **P4: Testicular interstitial proteomics as a means to monitor fertility status in azoospermic men**

Doctoral students: Elham Savadi Shiraz (JLU)
Investigators: Peter Stanton, *Rob McLachlan*, *Andrew Stephens* (MU)
Wolfgang Weidner, *Thorsten Diemer* (JLU)
Scientific advisors: Adrian Pilatz (JLU)

02:45 **P5: Inflammatory prostatitis syndrome in fertile and infertile men: Role of estrogen receptors, mast cell activity and inflammation of the seminal pathways**

Doctoral students: Brooke Pereira (MU)
Siva Reddy Velagala (JLU)
Medical student: Lisa Marie Teuchert (JLU)
Investigators: Stuart Ellem, Gail Risbridger (MU)
Florian Wagenlehner, Undraga Schagdarsurengin, Wolfgang Weidner (JLU)

03.30 - - - - - *Coffee break* - - - - -

04:00 **P6: Hormonal regulation of cGMP pathways in the prostate – impact for sperm transport and fertility**

Doctoral students: Yudy Tjahjono (JLU)
Investigators: Gail Risbridger, Stuart Ellem, *Renea Taylor* (MU)
Ralf Middendorff (JLU)

05:00 - - - - - *free evening* - - - - -

Saturday, May 10, 2014

09:00 am **P7: Restoration of fertility in chronic testicular inflammation by blocking activin bioactivity: Effect of exogenous follistatin on duration of inflammatory response, testicular impairment and germ cell recovery**

Doctoral students: Nour Nicolas (JLU)
Investigators: Mark Hedger, David de Kretser, Kate Loveland (MU)
Monika Fijak, Sudhanshu Bhushan (JLU)
Scientific advisors: Julia M Young (MU)

09:45 **P8: Glycation adducts in sperm and activin regulation of inflammation induced by diabetes**

Doctoral students: Constanze Maresch (JLU)

Investigators: Mark Hedger, David de Kretser (MU)
Thomas Linn (JLU)

Scientific advisors: Julia M Young (MU)

10:30 - - - - - *Coffee Break* - - - - -

Session 9	Project 9	10:45 - 11:30
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10:45 **P9: Roles of activin and follistatin in obstruction and tissue repair following epididymitis – Mechanisms for preserving fertility**

Doctoral student: Rukmali Wijayarathna (MU)

Medical student: Elke Stoschek (JLU)

Post Doc: Vera Michel (JLU)

Investigators: Mark Hedger, David de Kretser, Kate Loveland (MU)
Andreas Meinhardt, Trinad Chakraborty, Ralf Middendorff (JLU)

Session 10		11:30 am – 01:00 pm
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11:30 **IRTG students report on outcomes from Friday impact session: “What can we deliver that will make a difference?” and “What do we need to reach those goals?”**
led by Vera Michel (JLU)

12:00 **Special Lecture: Human evolution**
Martin Bergmann (JLU)

12:55 **Concluding Remarks**
Kate Loveland (MU) and Andreas Meinhardt (JLU)

01:00 pm - - - - - *Lunch* - - - - -

02:00 **Individual group discussion**

04:00 - - - - - *End of Meeting* - - - - -

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Participant list



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Guests

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