



**„Advanced techniques in life sciences research”**

21<sup>st</sup> – 23<sup>rd</sup> January 2013

Seminary and Workshop Warsaw University of Life Sciences

**workshops@kawaska.pl**

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**Lectures admission: free**

**Workshops participation: 500 PLN (max 30 participants)**

Day I (21.01.13)

**8:30 – 13:00 Lectures (Auditorium 1)**

1. dr hab. Wanda Olech Piasecka Prof. SGGW

**“Welcome”**

2. Marian Kawczyński & Prof. Teresa Ostaszewska & dr Piotr Grochowski

**„Advanced technique in life sciences research – why in January 2013?”**

3. Prof. Piotr Węgleński

**“ America and Europe towards GMO”**

4. Prof. Charles Cantor

**“Modern genetic methods in monitoring changes in the development of embryos”**

**Coffee break**

5. Prof. Yuri Ph. Kartavtsev

**“Mitogenomics, Speciation Genetics, Molecular Phylogenetics, and Barcoding”**

6. dr Frederic Ribay

**„IMSI interest in ART”**

**13:00 – 14:00 Lunch break**

### **14:00 – 18:00 Workshops**

1. The micromanipulation technique (Frederic Ribay & dr Teresa Wiesak & Aleksandra Ławrynowicz) – group I  
(classroom 09)
2. The microdissection technique (dr Falk Schlaudraff & dr Grzegorz Gacek) – group II  
(classroom 010)
3. The histological, immunohistochemical and genetic techniques (Pauline Wong & Krzysztof Matuszak & dr Piotr Grochowski) – group III  
(classroom 015 and 022)

### Day II (22.01.13)

### **8:30 – 13:00 Lectures (Auditorium 1)**

1. dr Teresa Wiesak  
**“Assisted reproductive technology and embryo genomics”**
2. dr Takashi Kuwana  
**" Micro-manipuration of primordial germ cells in endangered birds"**
3. dr Daisuke Sumiyama  
**„New handling techniques of microsamples and DNA purification using micro-tools”**

### **Coffee break**

4. dr Falk Schlaudraff  
**"Leica Lasermicrodissection and Parkinson's Disease"**
5. prof Zarayski Mikahail  
**“HRMC and COLD-PCR”**

### **13:00 – 14:00 Lunch break**

### **14:00 – 18:00 Workshops**

- 1 The micromanipulation technique (Frederic Ribay & dr Teresa Wiesak & Aleksandra Ławrynowicz) – group II  
(classroom 09)
- 2 The microdissection technique (dr Falk Schlaudraff & dr Grzegorz Gacek) - group III  
(classroom 010)
- 3 The histological, immunohistochemical and genetic techniques (Pauline Wong & Krzysztof Matuszak & dr Piotr Grochowski) - group I (classrooms: 015 and 022)

### Day III (23.01.13)

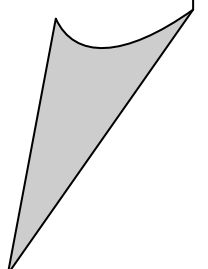
### **8:30 – 13:00 Lectures (Auditorium 1)**

1. Prof. Teresa Ostaszewska  
**“ The role of histology in molecular diagnostics”**
2. Małgorzata Rzepkowska  
**“ Differentiation of sex in sturgeon (*Acipenseridae*)”**

### **Coffee break**

3. dr Piotr Grochowski  
**“Fluorescence In Situ Hybridization (FISH) in molecular research”**
4. dr Magdalena Buś-Kicman  
**“Use of the latest generation equipment in scientific research”**

### **13:00 – 14:00 Lunch break**



### **14:00 – 18:00 Workshops**

- 1 The micromanipulation technique (Frederic Ribay & dr Teresa Wiesak & Aleksandra Ławrynowicz) – group III  
(classroom 09)
- 2 The microdissection technique (dr Falk Schlaudraff & dr Grzegorz Gacek) - group I  
(classroom 010)
- 3 The histological, immunohistochemical and genetic techniques (Pauline Wong & Krzysztof Matuszak & dr Piotr Grochowski) - group II  
(classrooms: 015 and 022)

**The cost of travel and accommodation on their own.**

