



# ESTS SCHOOL OF THORACIC SURGERY - ACADEMIC COMPETENCE TRACK “GRANT WRITING AND METHODOLOGY”

9-11 April 2018

European Surgical Institute, Hamburg, Germany

An application will be made to the EACCME® for CME accreditation of this event

## FACULTY



Pierre-Emmanuel Falcoz,  
Strasbourg, France



Gonzalo Varela, Salamanca, Spain  
Practical workshop ideologist



Thorsten Walles, Magdeburg, Germany



Ronald Damhuis, The Netherlands



INFORMATION AND REGISTRATION: [WWW.ESTS.ORG](http://WWW.ESTS.ORG)



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#### DAY 1 - MONDAY 9 APRIL 2018

13.00-14.00	Registration	16.00-16.30	Coffee break
14.00-14.30	Welcome, presentation of ESTS educational activities <b>P. E. Falcoz, Strasbourg</b> Presentation of faculty and objectives of the course <b>G. Varela, Salamanca</b>  Presentation round of participants: <ul style="list-style-type: none"><li>• What are my objectives and experienced problems?</li><li>• What do I expect from this course?</li></ul>	16.30-18.30	<b>METHODOLOGY 2</b> <ul style="list-style-type: none"><li>• How to create a database <b>P. E. Falcoz, Strasbourg</b></li><li>• The evil of biases <b>R. Damhuis, Rotterdam</b></li><li>• RT or big data: balance of evidence <b>G. Varela, Salamanca</b></li></ul>
14.30-16.00	<b>METHODOLOGY 1</b> <ul style="list-style-type: none"><li>• Types of clinical studies <b>T. Walles, Magdeburg</b></li><li>• Phases of clinical trial <b>T. Walles, Magdeburg</b></li><li>• Observational research versus experimental studies <b>R. Damhuis, Rotterdam</b></li><li>• How to set up a protocol for a clinical or experimental trial <b>T. Walles, Magdeburg</b></li></ul>		

DAY 2 - FRIDAY 10 APRIL 2018

09.00-11.00 **METHODOLOGY 3**

- Tips for retrospective studies  
**R. Damhuis, Rotterdam**
- Tips for registry studies  
**T. Walles, Magdeburg**
- How to evaluate a diagnostic test  
**P. E. Falcoz, Strasbourg**
- Survival and quality of life studies  
**G. Varela, Salamanca**

11.00-11.30 Coffee break

11.30-13.00 **METHODOLOGY 4**

- MVA: what I should know to discuss with my statistician  
**T. Walles, Magdeburg**
- Rules of EBM and guidelines  
**P. E. Falcoz, Strasbourg**
- Literature review and meta-analyses  
**R. Damhuis, Rotterdam**

13.00-14.00 Working lunch

14.00-15.30 **HANDS ON SESSION 1**

- Searching for evidence in the literature (group working with tutorial)  
**Group 1**
- Design a study inspired by a clinical problem (group working with tutorial)  
**Group 2**

15.30-16.15 **WHAT DOES STATISTICAL SIGNIFICANCE IMPLICATE?**  
**G. Varela**

16.15-16.45 Coffee break

16.45-18.15 **HANDS ON SESSION 2**

- Searching for evidence in the literature (group working with tutorial)  
**Group 2**
- Design a study inspired by a clinical problem (group working with tutorial)  
**Group 1**

19.00-22.00 Dinner



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**DAY 3: 11 APRIL 2018**

8.30-10.30

**GRANT APPLICATION 1**

- Tips to obtain financing in science  
**R. Damhuis, Rotterdam**
- Rules of grant writing  
**G. Varela, Salamanca**
- Ethical and reglementary constraints  
**T. Walles, Magdeburg**

10.30-11.00 Coffee break

11.00-12.00

**GRANT APPLICATION 2**

My grant application has been turned down: what next?

**Group discussion**

12.00-12.30

Evaluation and conclusion

**P. E. Falcoz, Strasbourg**  
**G. Varela, Salamanca**

12.30

Lunch

