

ESTS Biology Club 2017

This year, the ESTS Biology Club summarizes for the ESTS members interesting topics about lung transplantation.

As an additional highlight, the Biology Club offers in conjunction with the Division of Thoracic Surgery of University Hospital Zurich, Switzerland (Head: [Prof. Dr. Walter Weder, ESTS past-President](#)) the possibility for ESTS junior members to apply for

ESTS Zurich Fellowship

and/or a

Scholarship for a microsurgical course in mouse single lung transplantation.

This year's fellowship program allows young scientists and clinicians to visit Zurich for a research project in the field of oncology (lung cancer, mesothelioma), lung transplantation or emphysema.

The Microsurgical Course in Mouse Single Lung Transplantation will take place 24- 26 April 2017. This orthotopic lung transplantation model offers the unique opportunity to acquire specific microsurgical skills and a technique performed by only few centers worldwide.

ESTS junior members can apply for one or both opportunities by sending in their application to sue@ests.org.uk until the 1 March 2017 (see submission guidelines below).

The best candidates will be selected and present their projects during the Biology Club session at the [25th European Conference on General Thoracic Surgery in Innsbruck](#) and the winner will be announced thereafter.

We are looking forward to receive your applications

[Isabelle Opitz](#)

[Gaetano Rocco](#)

[Thorsten Walles](#)

ESTS Zurich Research Fellowship

Aim

A research fellowship is offered to young scientists and clinicians to visit the Division of Thoracic Surgery; University Hospital Zurich, Head Professor Dr. Walter Weder, with the aim of learning or getting an insight into a research concept or technique not available in the home unit. The home unit should benefit from the research training when the applicant returns, by leading to research developments and activities back onsite. It may offer the opportunity of additional clinical training.

Grant amounts

10.000,- EUR

includes salary and project costs; travel expenses will be reimbursed (maximum 500 EUR)

Eligibility criteria

Postdoctoral candidate (M.D. in training for thoracic surgery)

Upper age limit 40

Adequate skills in a English or German

Applicant must be member of ESTS

On completion of the Fellowship, applicant must return to Home Unit to apply the acquired skills; appropriate facilities, resources and funds at the Home Unit must be available. The program is open to both European and non-European based candidates to apply.

Application process

The applications will be reviewed by the Biology Club members (Isabelle Opitz, Gaetano Rocco, and Thorsten Walles), Walter Weder and the Director of Education Gilbert Massard and 3 candidates will be selected to present at the Biology Club Session during ESTS Annual Meeting.

The applicant must submit a defined project along with his/her CV and bibliography. For the fellowship additional documents from the candidate's Unit and a supporting letter from the home Unit are needed. The research project submitted can be in the field of LVRS for emphysema surgery (clinical project), oncology (mesothelioma – lung cancer – clinical or translational project) or transplantation research (EVLP – clinical / experimental project, or pulmonary hypertension). Staff members will supervise the project in respect to their expertise.

A statement of the candidate's Educational Supervisor should confirm that facilities, funds, and resources will be made possible upon the fellows return.

Selection process

The candidate will be chosen by the Biology Club (Isabelle Opitz, Gaetano Rocco, and Thorsten Walles), Gilbert Massard and Walter Weder based on the originality and feasibility of the project as well as on the presentation during the Biology Club Session. The benefit of the project to the candidate's career and Home Institution and the added value to research are equally assessed.

Reporting

Results of the projects are encouraged to be published in the European Journal of Cardio-Thoracic Surgery. Fellowship applicants are expected to write a final report as well as a financial report.

Applications

Applications to be sent by Sunday 1 March 2017 to: Sue Hesford, Executive Director, ESTS sue@ests.org.uk

3rd Microsurgical Course in Mouse Single Lung Transplantation

This course is aimed at persons with an interest in acquiring the technique of orthotopic lung transplantation in the mouse. This model allows for the testing of immunological and non-immunological research hypotheses in pulmonary biology. The course will provide a step-by-step education of the transplantation technique including intubation of mice, vessel and bronchial anastomoses framed by lectures given from expert in their field. Individual mentoring will be offered.

Application:

The applicant must submit a letter of intent how they will use the course at their home institution along with his/her CV and bibliography. A letter of support from the candidate's Director must be submitted stating that they will provide the time and travelling costs for the course. The course is one week duration. Economy travel maximum 800 euros will be granted.

Selection: The candidate will be selected by the Biology Club Committee

Applications to be sent by Wednesday 1 March 2017 to:
Sue Hesford, Executive Director, ESTS
sue@ests.org.uk