Pulmonary Pathology knowledge has been significantly improved over the past decade. Accurate diagnosis based also on a wide use of ancillary techniques applied to small biopsies and cytology has become crucial for the patient management (prognosis and treatment).

**Rationale / Aim of training**

Pulmonary diseases have been increasing concerning either tumoural and non-tumoural pathology. The pathologist has become even more important in the oncological field for the prognostic stratification and therapeuthic choices, as well as fundamental in lung transplant pathology, from the explanted lung diagnosis to the follow-up monitoring.

Details about specific areas in which training will be offered:

1) Standardization of pre-analytical procedures;
2) Appropriate use and interpretation of special techniques: immunohistochemistry/immunocytochemistry, molecular pathology, morphometric analysis and electron microscopy;
3) Weekly multidisciplinary team discussions in different topics: 1) interstitial lung diseases (on Wednesday afternoon) 2) lung tumours (on Wednesday morning) 3) lung transplant –pre-transplant evaluation- (on Monday afternoon) 4) lung transplant –post-transplant evaluation- (on Friday afternoon);
4) Experience in the diagnosis of tumoural lung diseases and non-tumoural lung diseases, in particular interstitial lung diseases and lung transplant pathology;
5) Training in tissue biobanking.

**EAT Pulmonary Pathology Proposed Center**

Padova University Hospital is a referral centre for all pulmonary diseases. Pathology laboratory holds ISO9001 certification and a frozen sample biobank is available and obtained EQA Lung accreditation for PD-L1, ALK, ROS1, EGFR biomarkers in 2018. The Head of the training programme (Prof. Fiorella Calabrese) will contact the trainee in order to send the invitation letter, as well as to assist in finding low cost accomodation and in obtaining the necessary visa, insurance or other documents. Moreover, she will be the tutor during the training program and will provide a detailed certificate after the completion of the programme.

**Scientific contents/fields**

- Non-tumoural Pulmonary Pathology
- Rare lung and mediastinal tumours
- Lung Transplant Pathology
- Special Techniques

Projected Results
- Diagnosis accuracy
- Reporting according with guidelines and actual classifications
- Decision capacity
- Resources planning

<table>
<thead>
<tr>
<th>Name of center, address</th>
<th>Padova University Hospital, Dept. Cardiac, Thoracic, Vascular Sciences and Public Health, University of Padova; Pathological Anatomy Section, via A. Gabelli 61, 35121 Padova (Italy).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Fiorella Calabrese</td>
</tr>
<tr>
<td>Head of training programme</td>
<td>Fiorella Calabrese</td>
</tr>
<tr>
<td>Details about specific areas in which training is offered</td>
<td>1. Non-neoplastic disorders, 2. Lung transplant pathology, 3. Lung tumours</td>
</tr>
<tr>
<td>Number of positions offered for each year</td>
<td>3</td>
</tr>
<tr>
<td>Expected duration of training</td>
<td>3 months</td>
</tr>
<tr>
<td>Specific period of the year</td>
<td>January - June</td>
</tr>
</tbody>
</table>
| Contact address | Fiorella Calabrese  
fiorella.calabrese@unipd.it  
+390498272268                                                                                                                                 |
LIST OF PUBLICATIONS OF THE HEAD OF THE TRAINING CENTER (Prof. Fiorella Calabrese) (Key references: 2018-2019)


reconditioning with the organ care system lung: a single institution experience. Transpl Int. 2018.


