The Training in Laboratory Medicine in Spain

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March 19th, 2016
Hospital Universitario La Paz, Madrid
SEQC YOUNG SCIENTIST GROUP

www.seqc.es

2183 members
28 Working groups
SEQC YOUNG SCIENTIST GROUP

Twelve people from different regions of Spain

Only one requirement: young scientist in training

Meetings: one or two per year

- To prepare National Congress conference
- To discuss present activities and projects
- To plan future actions
SEQC YOUNG SCIENTIST GROUP

The aim of the group is:

- To act as a link between SEQC and young scientists involved in Laboratory Medicine.
- To participate in society initiatives.
- To promote and encourage activities, continuous learning, scientific conferences and other learning seminars.
- To facilitate the movement of young scientist in healthcare scope.
- To give information about scholarships and grants, awards...
- To listen to young scientist needs
The profession of Laboratory Medicine includes:

- Clinical Biochemistry
- Clinical Analysis

Others Laboratory specialisation:

- Immunology
- Microbiology
- Hematology (physicians)
Clinical Laboratory Composition:

- Mandatory to work in a public hospital.
Training in Laboratory Medicine

- Means of entry. How to achieve a specialist degree in Spain?
  - Academic training before specialization
  - Entrance exam

- Specialist training
  - Duration of training
  - Fields of interest and responsibilities in Laboratory Medicine
LABORATORY MEDICINE: MEANS OF ENTRY

4-6 Years
- Pharmacy
  - Biology
  - Biochemistry
- Chemistry
  - Medicine

4 Years
- Training in Laboratory Medicine
- Specialist

University Degree
Medical and scientific background

Entrance Exam
Entrance Exam

National exam with 225 multiple-choice questions → 90% final mark

Academic record → 10% final mark

Final Mark

Positions are chosen according to the final mark
In 2015, 41 positions were offered for Clinical Biochemistry and 65 for Clinical Analysis in Spain

<table>
<thead>
<tr>
<th></th>
<th>Physicians</th>
<th>Pharmacist</th>
<th>Biologists</th>
<th>Chemicals</th>
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<tbody>
<tr>
<td>Positions offered</td>
<td>6102</td>
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<tr>
<td>Clinical Analysis</td>
<td>18</td>
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<td>9</td>
<td>6</td>
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</tbody>
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[Website Link](http://www.msssi.gob.es/)
- Training duration: 4 years

- Full time paid employment + once a week 24 hour on-call shift

- Laboratory Medicine Program:
  - Biochemistry
  - Hematology*
  - Microbiology*
  - Immunology*
  - Genetic
  - Management and Quality
  - Research Methodology
  - Some months freely available*
  - ...  
  - * Depend on each specific program
SPECIALIST TRAINING IN SPAIN

- Laboratory Medicine: Skills and Responsibilities
  
  Should be able to: results interpretations, communications and discussions with other specialist, procedures development and improvement...

  - The training is guided by a tutor
  - Positive evaluation each year, but no exams
And then...?

Beyond Laboratory Medicine: possibilities as specialist?
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THANK YOU!