WP16 - Development of an academic e-learning course on research topics in the field of rare diseases

SURVEY RESULTS ARE IN!

352 Responses

**From whom?**

**WHO ARE RESPONDERS?**

- Physician 21%
- Academic researcher 30%
- Medical student 2%
- PhD student 9% (whose 6% are Turkish)
- Clinical manager/project coordinator 5%
- Member of a Patients’ organisation 11%
- Other 22%

**From where?**

- Turkey
- Other eastern countries
- EU13 countries
- France
- Spain
- UK

**The main targets?**

- 29% Students (PhD or medicine)
- 22% Academic researchers
- 18% Physicians
- 12% Patients
- Other (staff « in the field », MSc students, nurses, biobankers, emergency employees,...)

**The topics to develop?**

- Digital health
- SSH
- Health economics
- Proof-of-concept to industry
- Regulatory affairs
- Translational research
- Information Systems
- Biotechnology & bioinformatics
- Innovative Personalised medicine
- Management
- Diagnostics
- Introduction RD context

*First courses to be developed – during 2020-2021*

**The best e-learning tools to use?**

- webinar 22%
- power point (with subtitles or voice over) 18%
- annotated article 4%
- active learning exercises 21%
- lecturer video <10min 12%
- advanced lecturer video 20-30min 18%
- short cartoon video 5%

**84% consider that interactivity between learners is important**

**95% consider that exchanges with experts are important**

**71% think accreditation is important**

> What next? - Contractualisation with an e-learning platform
- Development of the first modules with 2 level options
  (short & basic one - or - an advanced session with 5 to 10 units)

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SURVEY RESULTS ARE IN!

**West-Central EU**

<table>
<thead>
<tr>
<th>FROM WHOM?</th>
<th># responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physician</td>
<td>25%</td>
</tr>
<tr>
<td>Medical student</td>
<td>0%</td>
</tr>
<tr>
<td>Academic researcher</td>
<td>18%</td>
</tr>
<tr>
<td>PhD student</td>
<td>2%</td>
</tr>
<tr>
<td>Clinical trial manager/project coordinator</td>
<td>7%</td>
</tr>
<tr>
<td>Member of a Patients’ organisation</td>
<td>15%</td>
</tr>
<tr>
<td>Other</td>
<td>33%</td>
</tr>
</tbody>
</table>

**Topics**

<table>
<thead>
<tr>
<th>INTRODUCTION RD CONTEXT</th>
<th>DIAGNOSIS</th>
<th>MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRANSLATIONAL RESEARCH</td>
<td>BIOTECHNO &amp; BIOINFORMATICS</td>
<td>INFORMATION SYSTEMS</td>
</tr>
<tr>
<td>INNOVATIVE PERSONALISED MEDICINE</td>
<td>REGULATORY AFFAIRS</td>
<td>PROOF-OF-CONCEPT TO INDUSTRY</td>
</tr>
</tbody>
</table>

**Targets**

<table>
<thead>
<tr>
<th>FROM WHOM?</th>
<th>29% Students (PhD or medicine)</th>
<th>18% Academic researchers</th>
<th>19% Physicians</th>
<th>13% Patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students</td>
<td>35% Students (PhD or medicine)</td>
<td>20% Academic researchers</td>
<td>16% Physicians</td>
<td>13% Patients</td>
</tr>
<tr>
<td>Academic researchers</td>
<td>29% Students (PhD or medicine)</td>
<td>26% Academic researchers</td>
<td>15% Physicians</td>
<td>10% Patients</td>
</tr>
<tr>
<td>Physicians</td>
<td>13% Patients</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patients</td>
<td>35% Students (PhD or medicine)</td>
<td>20% Academic researchers</td>
<td>16% Physicians</td>
<td>13% Patients</td>
</tr>
</tbody>
</table>

**E-learning tools**

<table>
<thead>
<tr>
<th>active learning exercises</th>
<th>annotated article</th>
<th>power point (with subtitles or voice over)</th>
<th>webinar</th>
<th>leader video &lt;10min</th>
<th>leader video 20-30min</th>
<th>short cartoon video</th>
<th>annotated article</th>
</tr>
</thead>
<tbody>
<tr>
<td>22%</td>
<td>3%</td>
<td>18%</td>
<td>22%</td>
<td>13%</td>
<td>17%</td>
<td>5%</td>
<td>3%</td>
</tr>
</tbody>
</table>

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