### Title: ATTRACT Selects Breakthrough Projects

1. 170 breakthrough technology concepts have each won a €100,000 funding boost from ATTRACT.


2. The projects propose new technologies with the potential to change society.

3. One of the selected projects will bring astronomical technology to bear against cancer.

   ![Image of astronomical technology](https://www.eso.org/public/images/eso1724d/)
   Or
   or
4. The MUSE instrument on ESO’s Very Large Telescope uses **integral field spectroscopy** to dissect galaxies.

[https://www.eso.org/public/videos/eso1437b/](https://www.eso.org/public/videos/eso1437b/)

5. This technique can also be used to **recognise cancerous tissue** in humans...

ADD on top:
Westoby *et al.* (2012)
<table>
<thead>
<tr>
<th>6.</th>
<th>...providing a <strong>promising alternative</strong> to taking <strong>invasive tissue samples</strong>.</th>
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<td>7.</td>
<td><strong>The key is to</strong> make the technique work <strong>fast enough for a clinical setting</strong>...</td>
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</table>

ADD on top: Krafft *et al.* (2009)

Animation showing fast raman spectroscopy, side by side
8. ...taking **MUSE technology** from studying galaxies to **studying diseases**.

https://www.eso.org/public/videos/uhd_comp_vlt_2014/ (at 5:20 min)
or
https://www.eso.org/public/images/eso1724d/

**Produced by ESO, the European Southern Observatory.**

**Reaching new heights in Astronomy.**