### Appion - Bug #5435

**divide by zero error in normalizeFromDarkAndBright**

01/11/2018 08:43 PM - Anchi Cheng

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<th>Start date:</th>
<th>01/11/2018</th>
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<tr>
<td>Assignee:</td>
<td>Scott Stagg</td>
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<td>Show in known bugs:</td>
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#### Description

When there is dead pixel, bright and dark values are the same, therefore it creates an error in gain correction process.

```
/opt/applications/myami/trunk/lib/python2.7/site-packages/pyami/imagefun.py:835: RuntimeWarning: divide by zero encountered in divide
gain=m/bminusd
/opt/applications/myami/trunk/lib/python2.7/site-packages/pyami/imagefun.py:836: RuntimeWarning: invalid value encountered in multiply
    correctedarray=(rawarray-darkarray)*gain
```

See leginon/corrector.py calc_norm for all the things need to be done to get a reliable norm image.

#### Associated revisions

Revision 02d85252 - 01/16/2018 11:26 AM - Anchi Cheng

refs #5435, #5436 workaround by reverting to the old code

#### History

**#1 - 01/16/2018 11:02 AM - Anchi Cheng**

- Project changed from Leginon to Appion