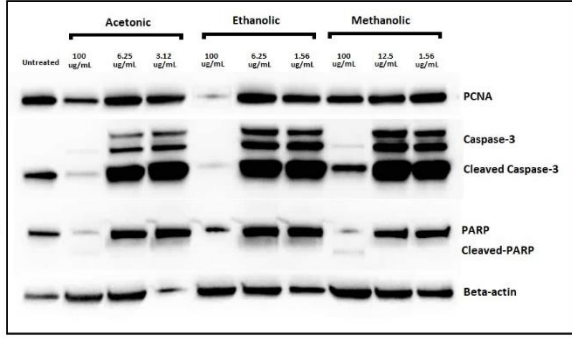
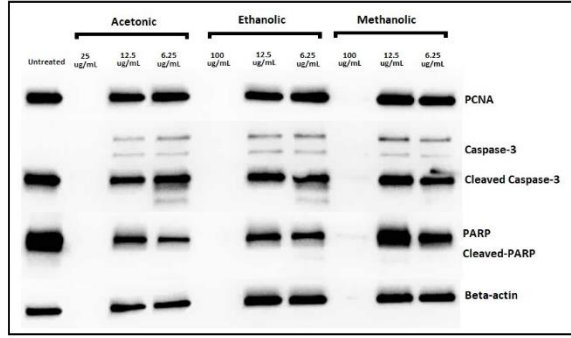


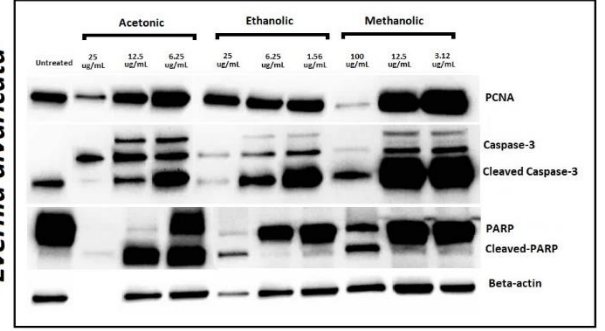
Bryoria capillaris



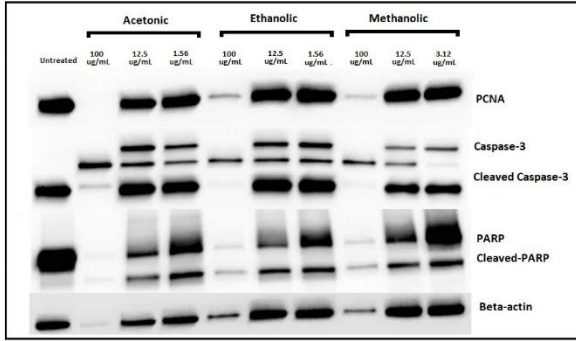
Cladonia fimbriata



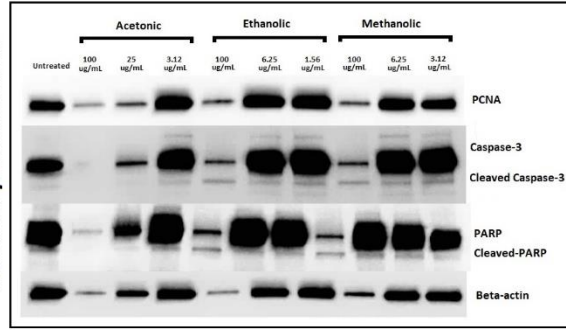
Evernia divaricata



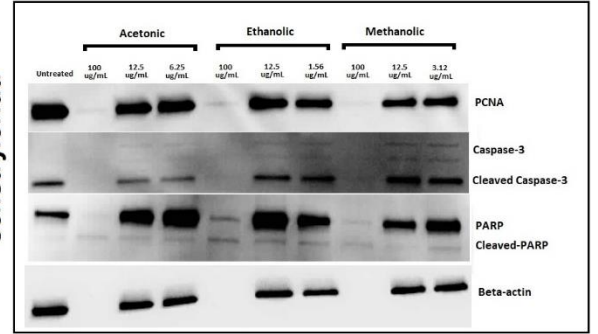
Hypgyminia tubulosa



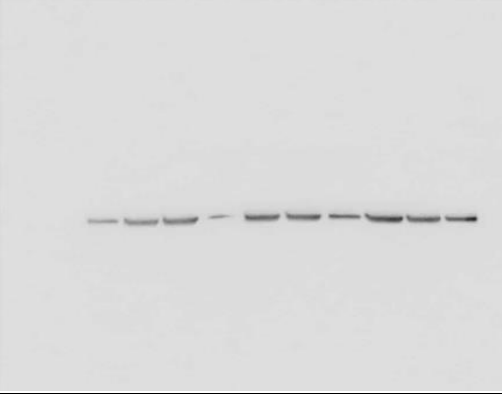
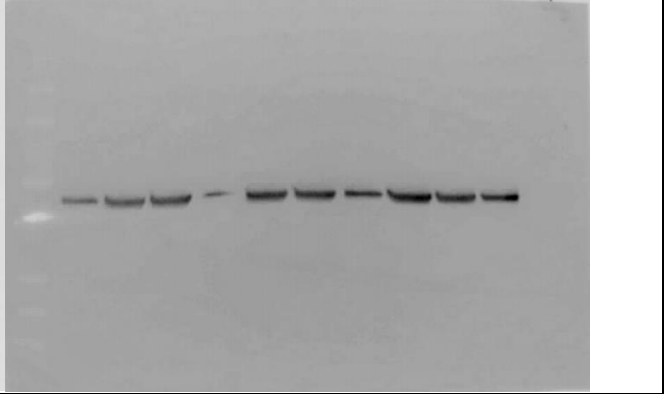


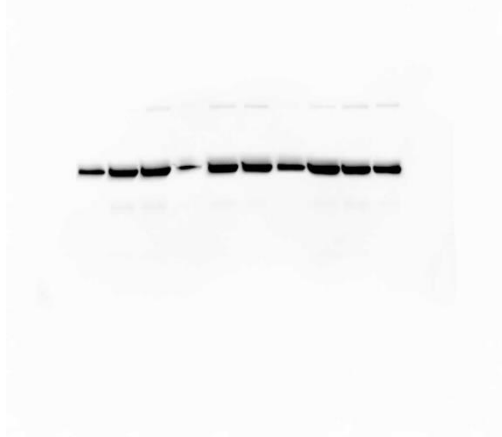
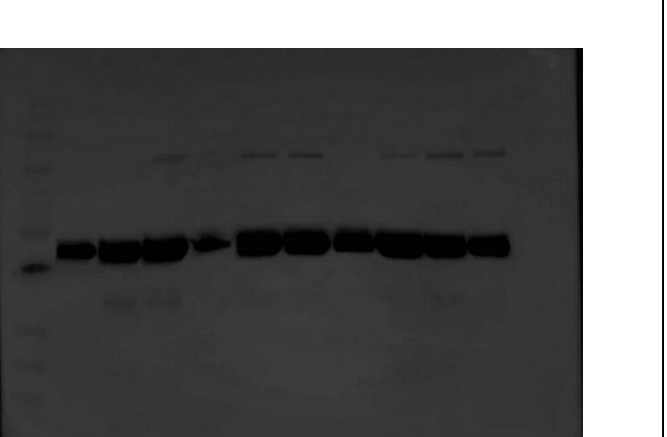
Lobaria pulmonaria



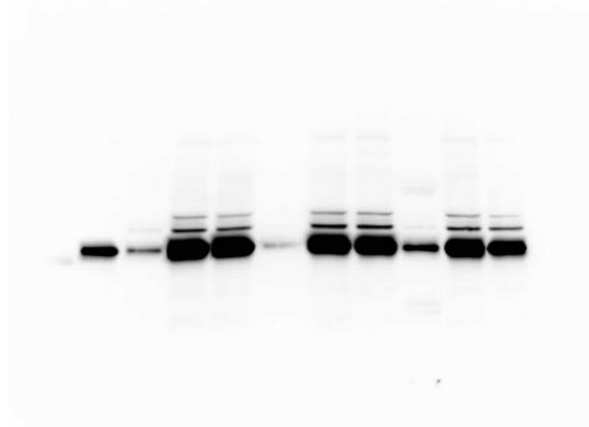
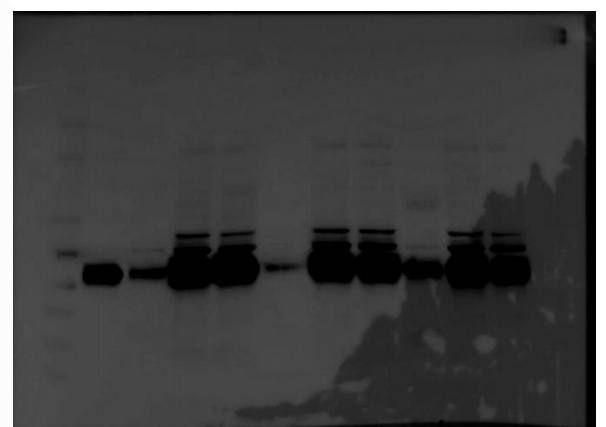
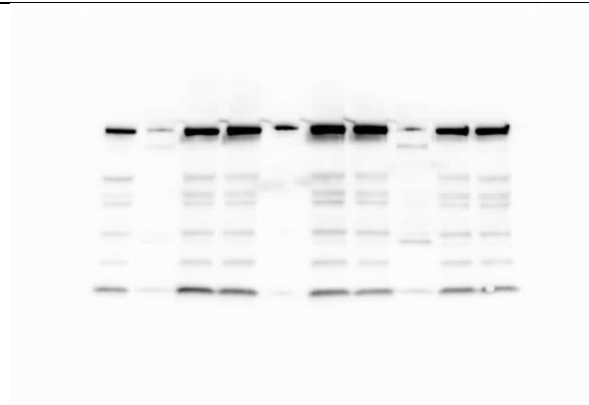
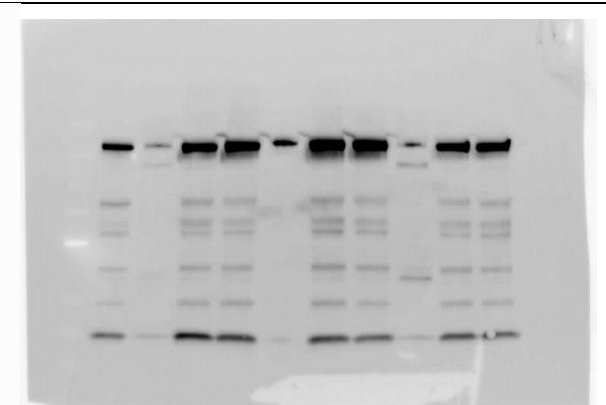


Usnea florida




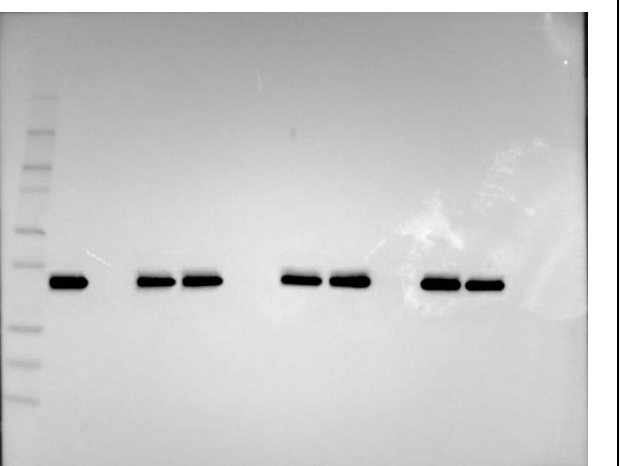
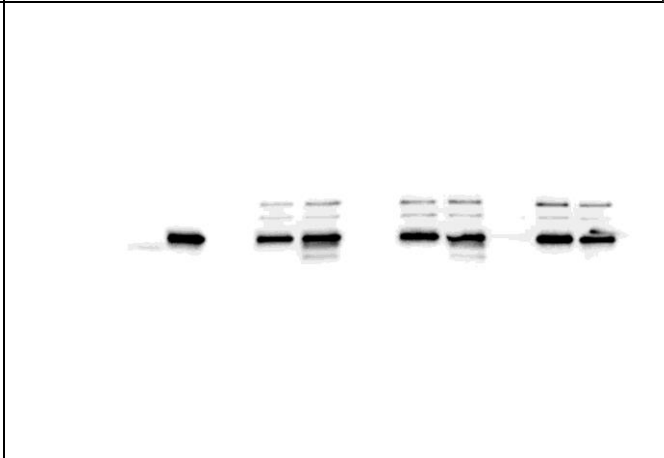
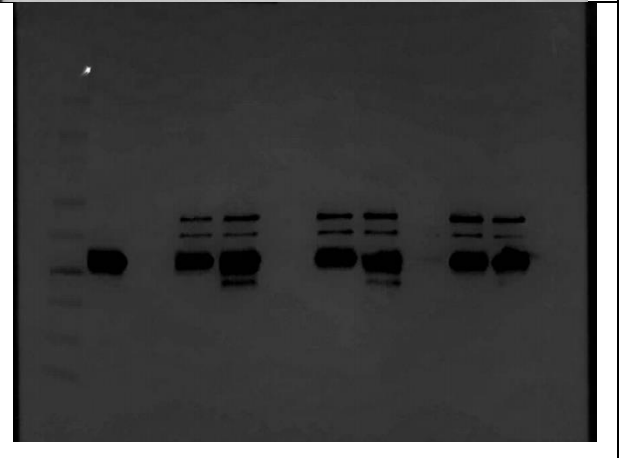
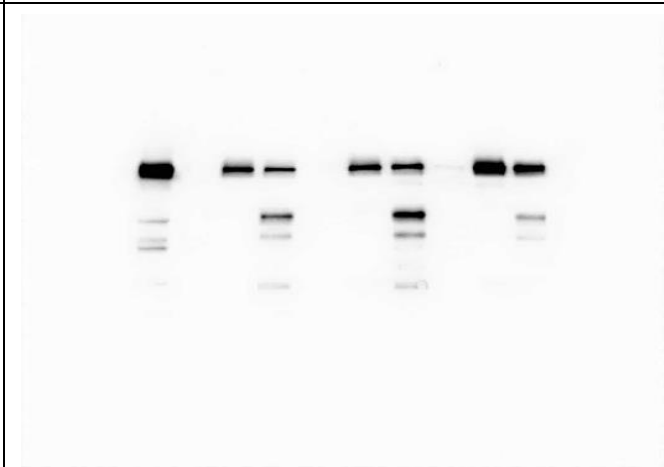
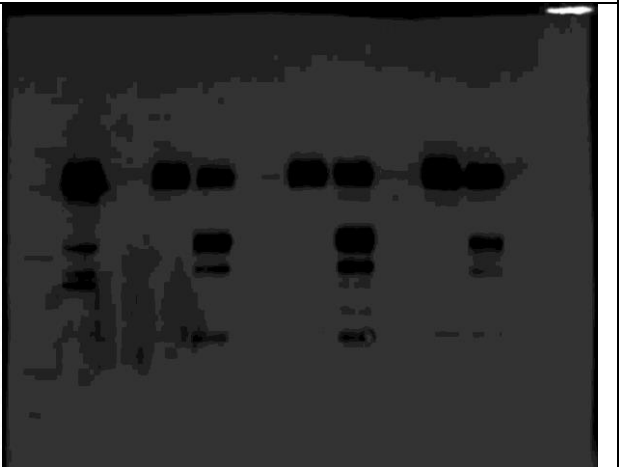
BC- extraction

Well Order	Ladder-Control-A100-A6.25-A1.56-E100-E6.25-E1.56-M100-M12.5-M1.56 (A indicates Acetonic. E indicates Ethanolic. M indicates Methanolic)	
Beta-aktin (retrieved from 1sec exposure)	 Western blot image showing Beta-aktin bands for 1-second exposure. The left panel shows a single row of bands across all lanes, indicating consistent protein levels.	 Western blot image showing Beta-aktin bands for 1-second exposure. The right panel shows a single row of bands across all lanes, indicating consistent protein levels.
Beta-aktin (retrieved from 10sec exposure)	 Western blot image showing Beta-aktin bands for 10-second exposure. The left panel shows a single row of bands across all lanes, indicating consistent protein levels.	 Western blot image showing Beta-aktin bands for 10-second exposure. The right panel shows a single row of bands across all lanes, indicating consistent protein levels.
Beta-aktin (retrieved from 3min exposure)	 Western blot image showing Beta-aktin bands for 3-minute exposure. The left panel shows a single row of bands across all lanes, indicating consistent protein levels.	 Western blot image showing Beta-aktin bands for 3-minute exposure. The right panel shows a single row of bands across all lanes, indicating consistent protein levels.




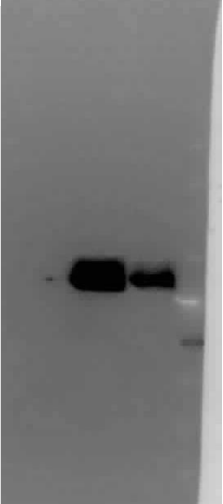

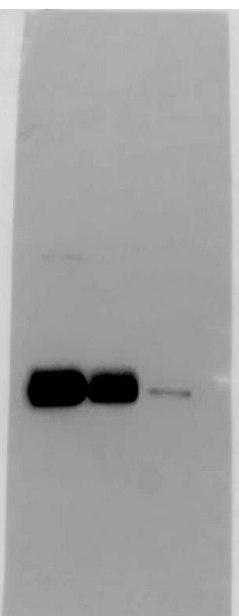
<p>PCNA (retrieved from 1sec exposure)</p>		
<p>Caspase-3 (retrieved from 3min exposure)</p>		
<p>PARP (retrieved from 10sec exposure)</p>		

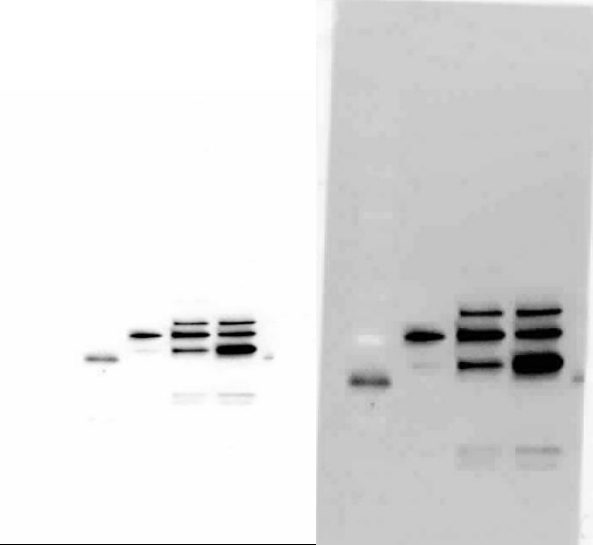
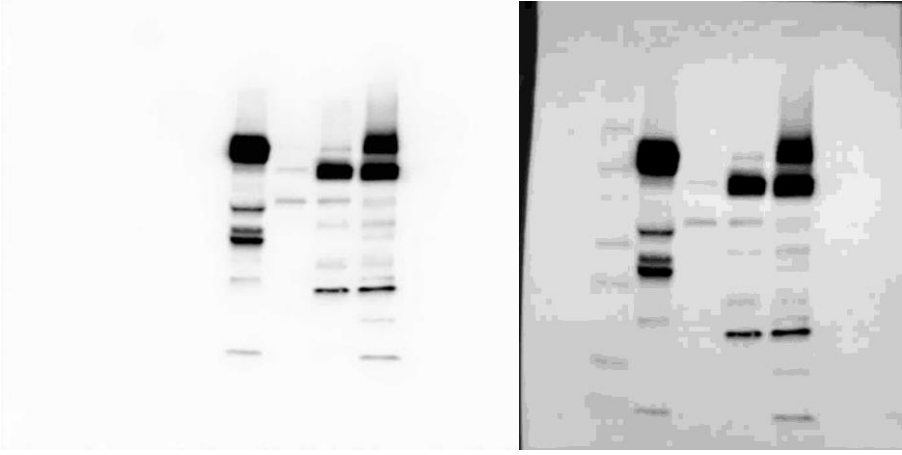
CF-extraction

Well Order	Ladder-Control-A100-A12.5-A6.25-E100-E-12.5-E6.25-M100-M12.5-M6.25 (A indicates Acetonic. E indicates Ethanolic. M indicates Methanolic)	
Beta-aktin (retrieved from 3sec exposure)		
Beta-aktin (retrieved from 10sec exposure)		
Beta-aktin (retrieved from 45sec exposure)		

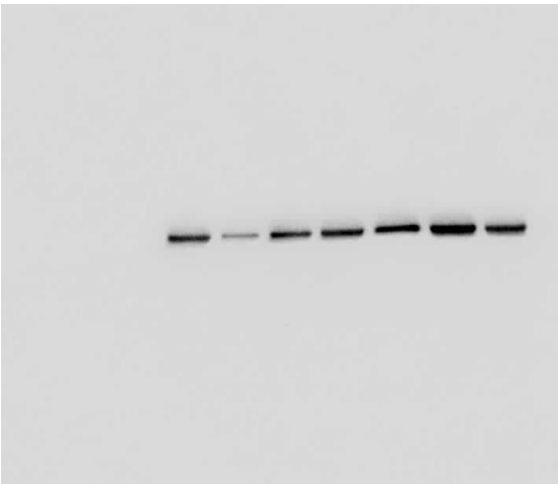
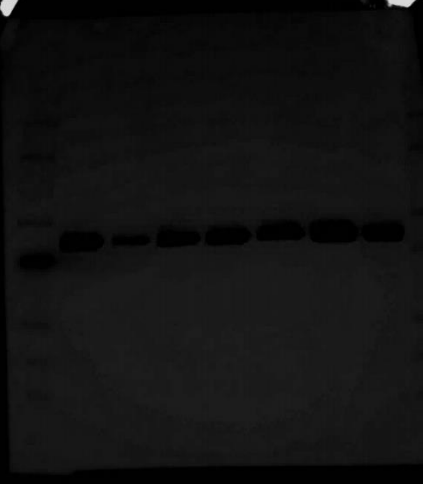
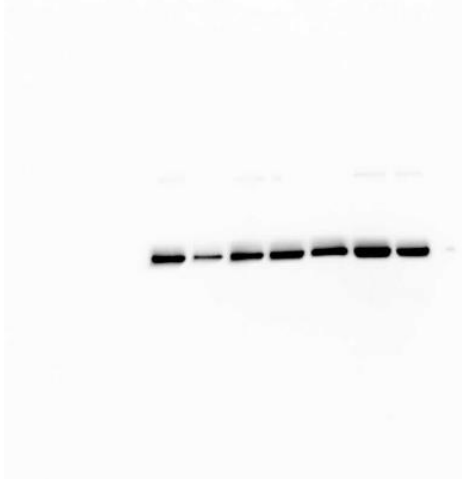

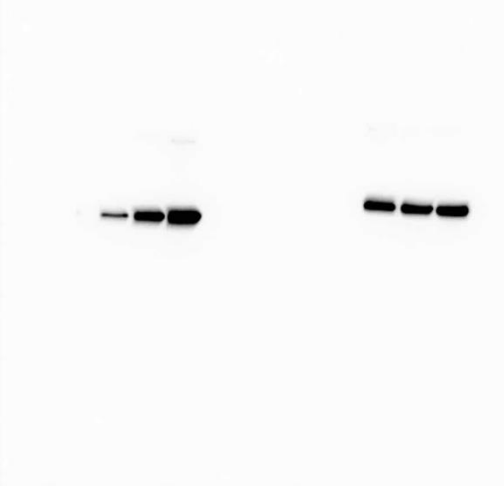
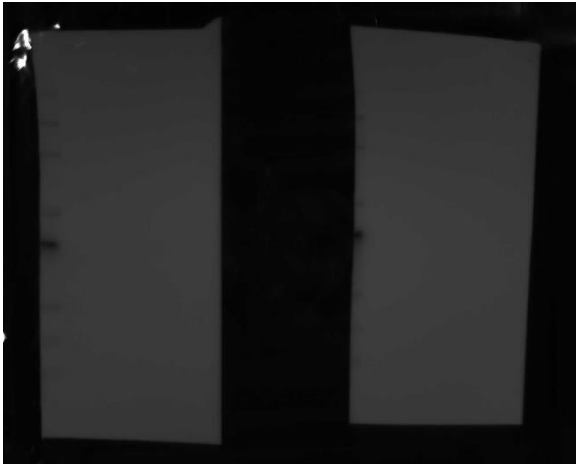
<p>PCNA (retrieved from 3sec exposure)</p>		
<p>Caspase-3 (retrieved from 45sec exposure)</p>		
<p>PARP (retrieved from 10sec exposure)</p>		

ED-A extraction

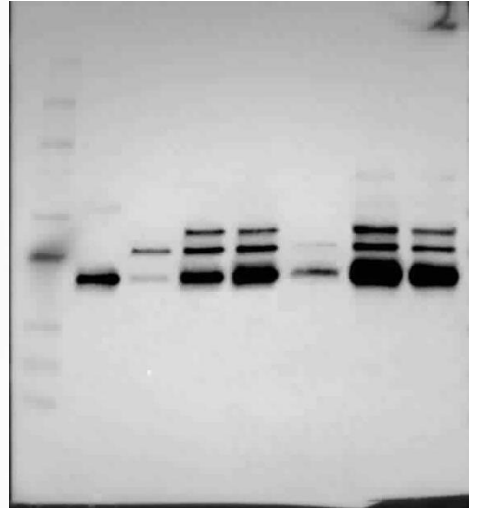
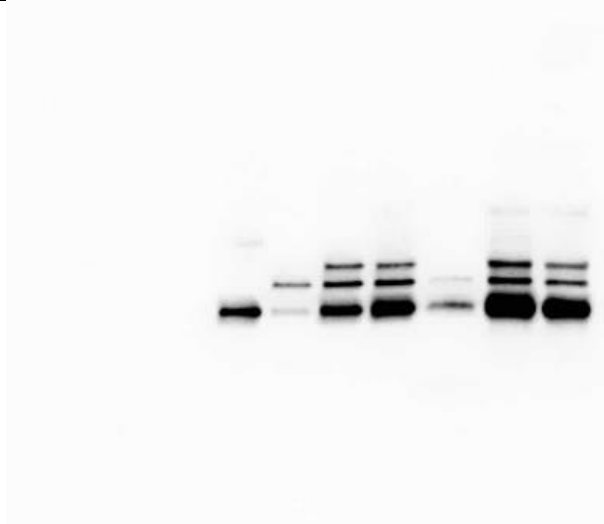
Well Order	A25-A12.5-A6.25-Ladder (A indicates Acetonic)	
Beta-aktin (retrieved from 8sec exposure)		
Beta-aktin (retrieved from 3min exposure)		
PCNA (retrieved from 5sec exposure)		

Well order	Ladder-Control-A25-A12.5-A6.25 (E indicates Ethanolic. M indicates Methanolic)
Caspase-3 (retrieved from 3min exposure)	
PARP (retrieved from 8sec exposure)	

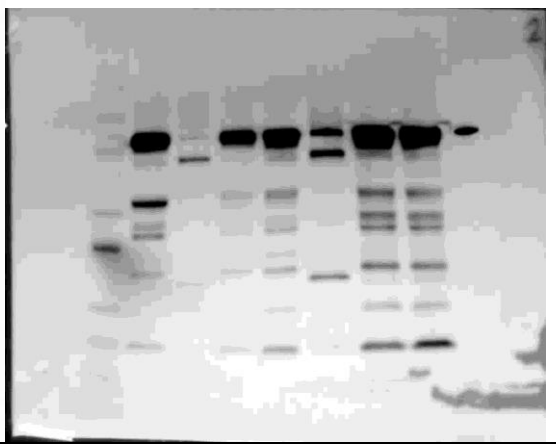
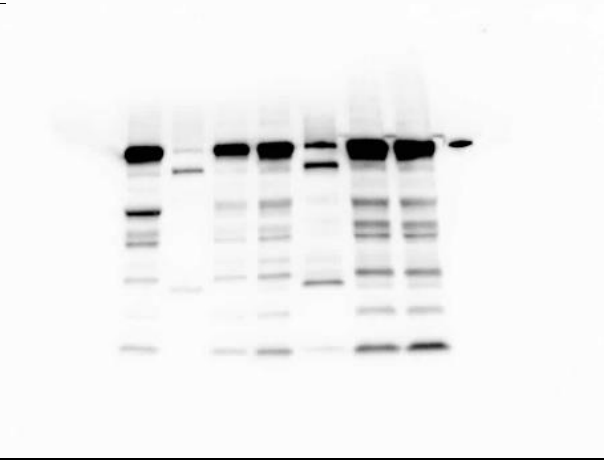
ED-E and ED-M extraction

Well Order	Ladder-Control-E25-E6.25-E1.56-M100-M12.5-M3.12 (A indicates Acetonic. E indicates Ethanolic. M indicates Methanolic)	
Beta-aktin (retrieved from 1sec exposure)		
Beta-aktin (retrieved from 10sec exposure)		
PCNA (retrieved from 1sec exposure)		

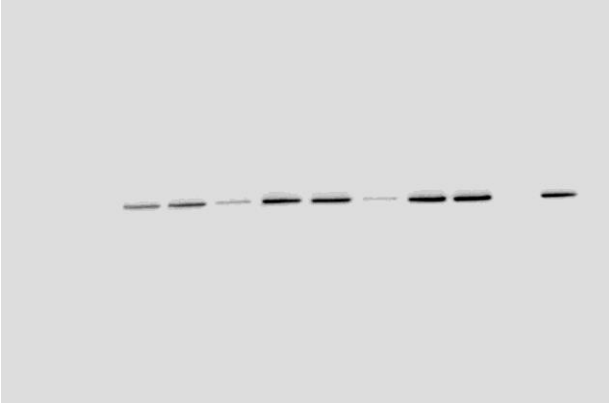
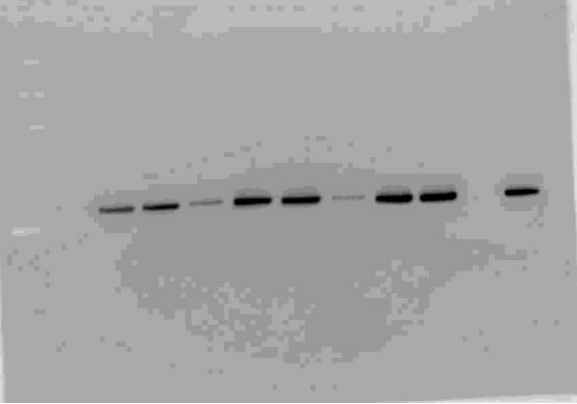

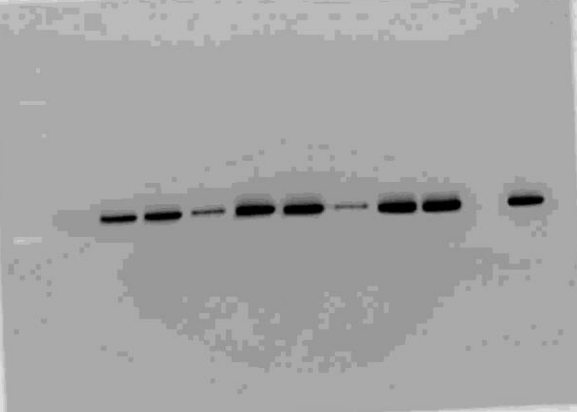

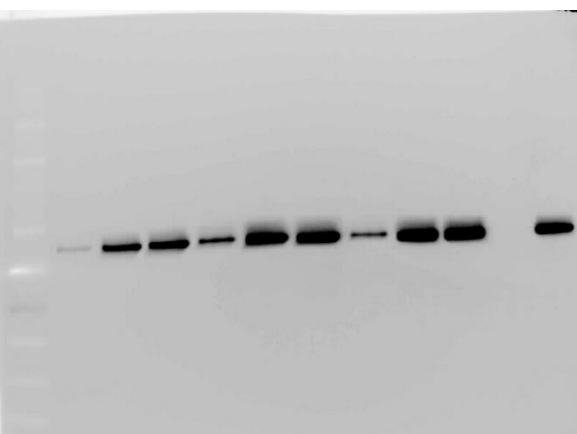
Caspase-3
(retrieved
from
10sec
exposure)

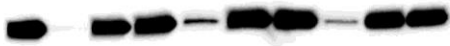
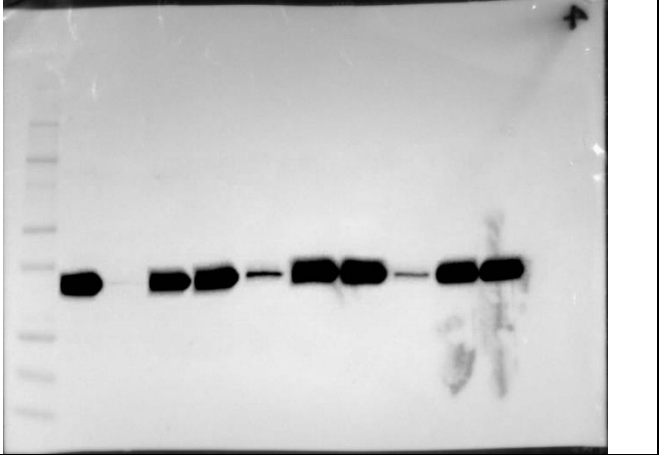
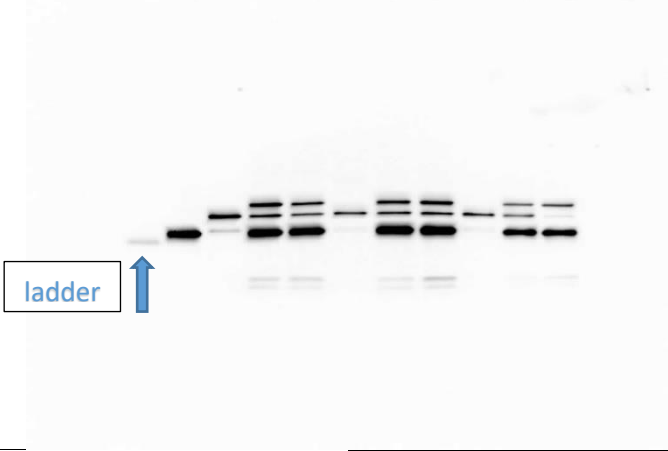
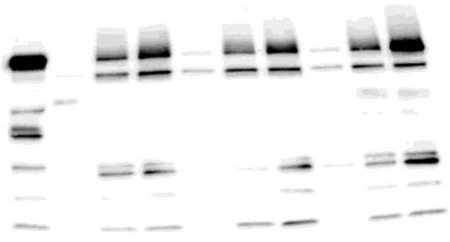
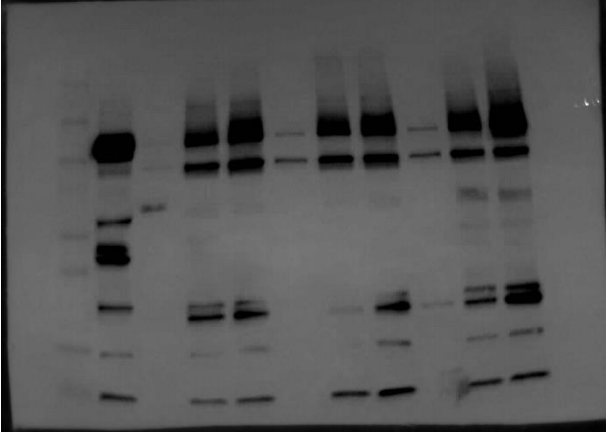


PARP
(retrieved
from
10sec
exposure)

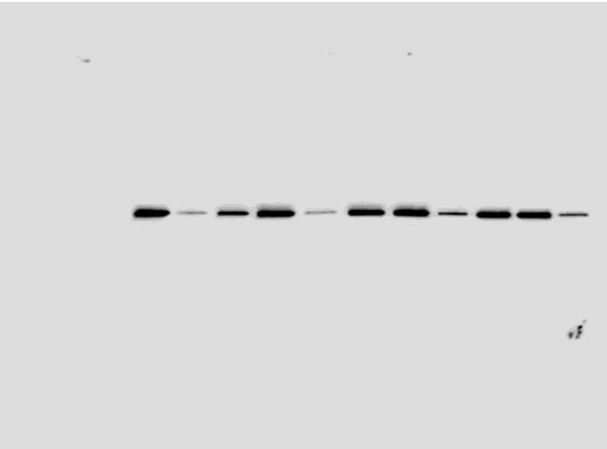
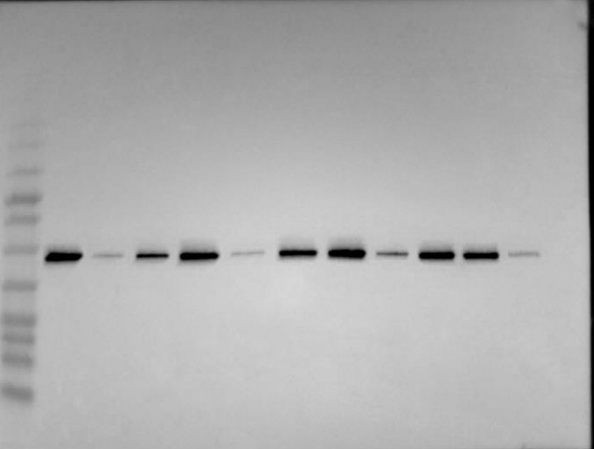
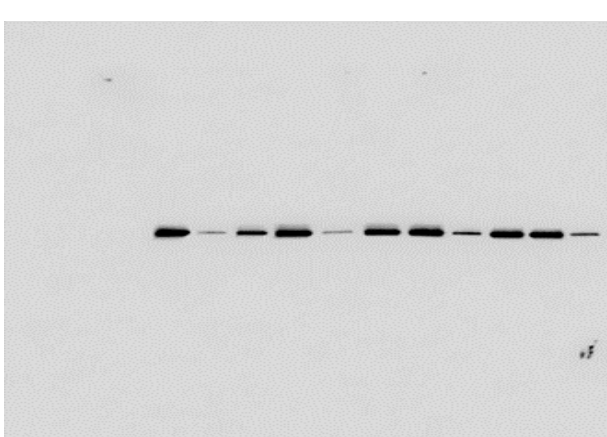
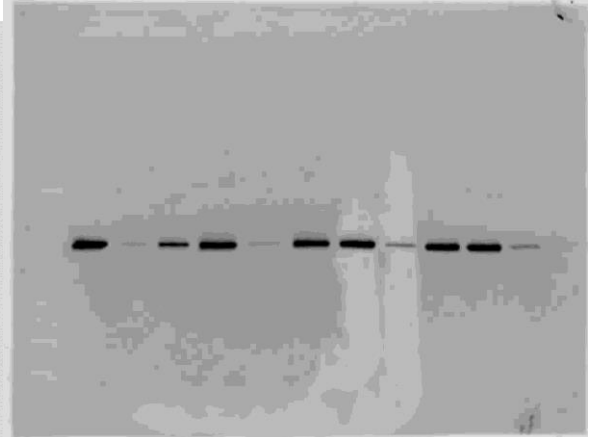
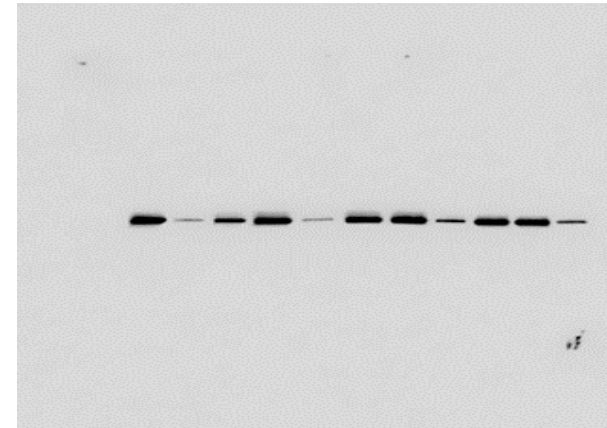
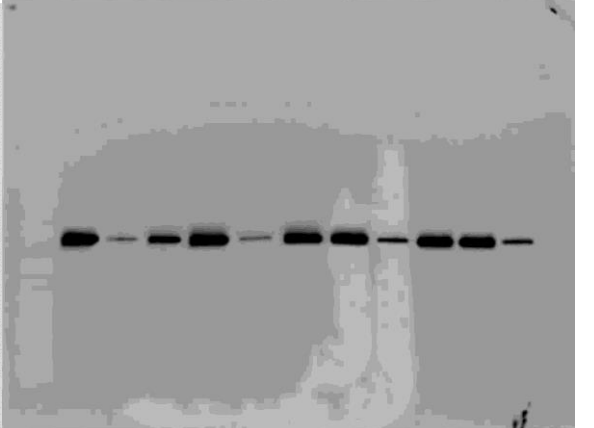



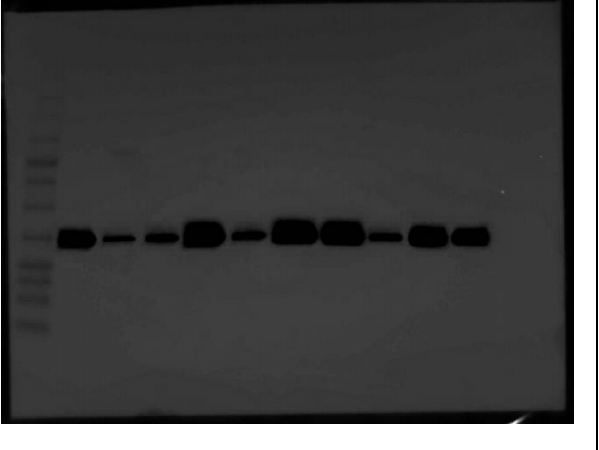
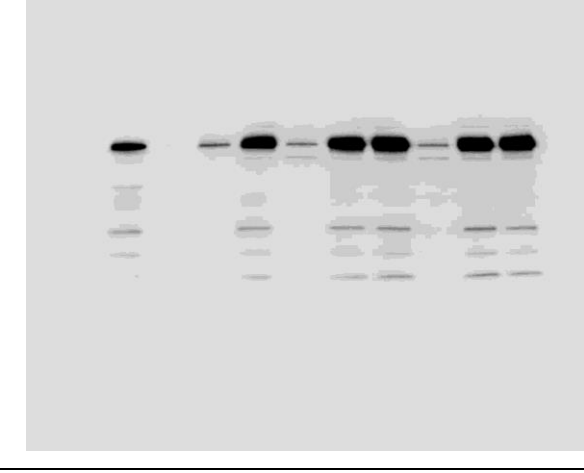
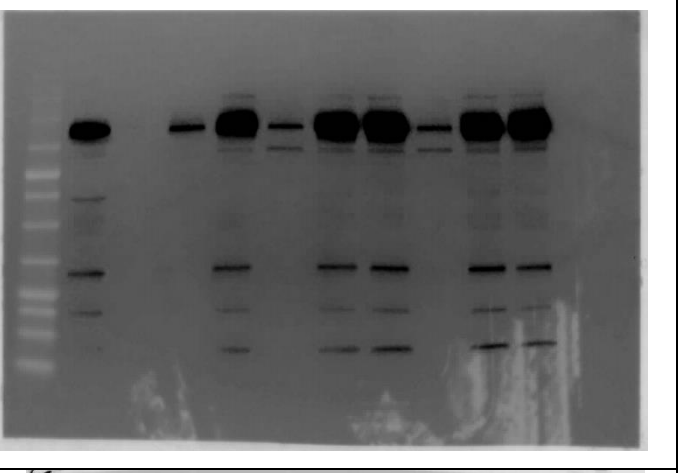
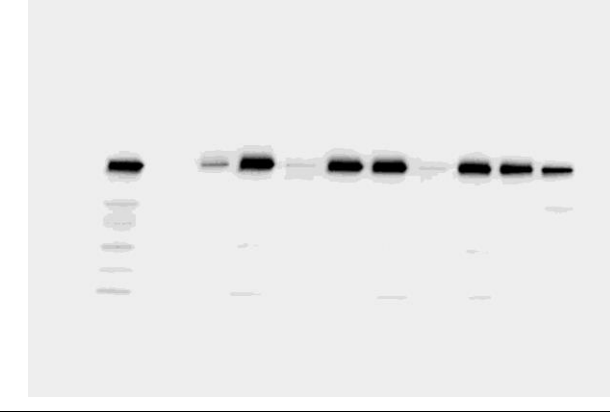

HT-extraction

Well Order	Ladder-Control-A100-A12.5-1.56-E100-E12.5-E1.56-M100-M12.5-M3.12 (A indicates Acetonic. E indicates Ethanolic. M indicates Methanolic)	
Beta-aktin (retrieved from 5sec exposure)	 Western blot showing Beta-aktin levels for 5sec exposure. The left panel shows a single row of bands across 11 lanes, with the last lane being a control. The bands are relatively faint and uniform in intensity.	 Western blot showing Beta-aktin levels for 5sec exposure. The right panel shows a single row of bands across 11 lanes, with the last lane being a control. The bands are faint and uniform in intensity.
Beta-aktin (retrieved from 10sec exposure)	 Western blot showing Beta-aktin levels for 10sec exposure. The left panel shows a single row of bands across 11 lanes, with the last lane being a control. The bands are slightly more prominent than in the 5sec exposure.	 Western blot showing Beta-aktin levels for 10sec exposure. The right panel shows a single row of bands across 11 lanes, with the last lane being a control. The bands are slightly more prominent than in the 5sec exposure.
Beta-aktin (retrieved from 3min exposure)	 Western blot showing Beta-aktin levels for 3min exposure. The left panel shows a single row of bands across 11 lanes, with the last lane being a control. The bands are significantly more intense and thicker than in the shorter exposures.	 Western blot showing Beta-aktin levels for 3min exposure. The right panel shows a single row of bands across 11 lanes, with the last lane being a control. The bands are significantly more intense and thicker than in the shorter exposures.


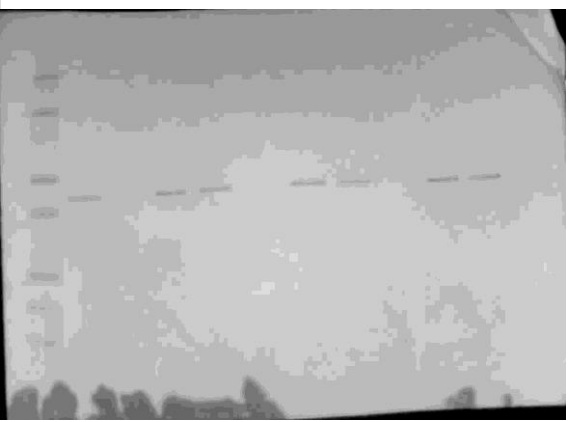

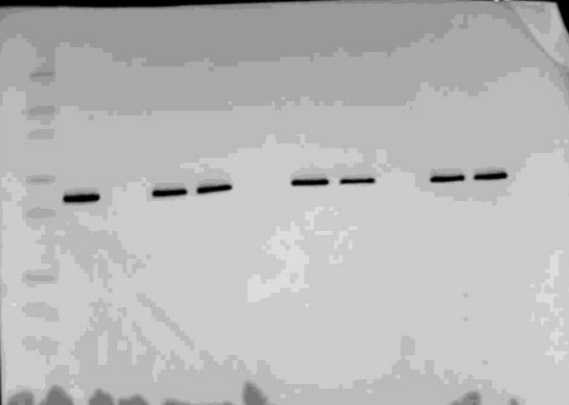
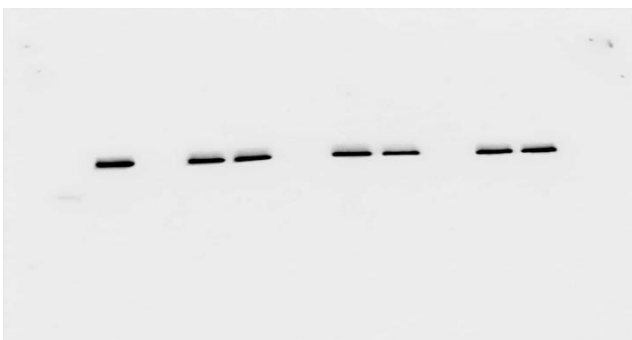
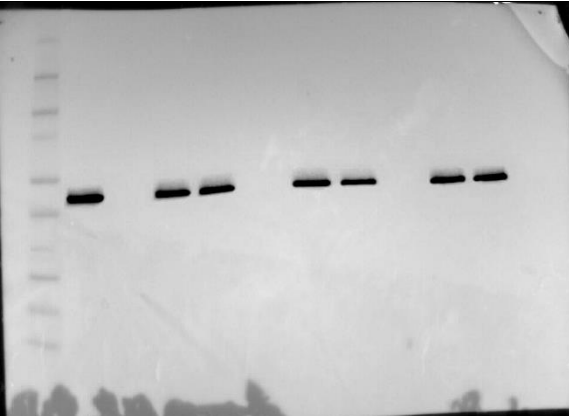
<p>PCNA (retrieved from 2sec exposure)</p>		
<p>Caspase-3 (retrieved from 3min exposure)</p>	 <p>ladder ↑</p>	
<p>PARP (retrieved from 10sec exposure)</p>		

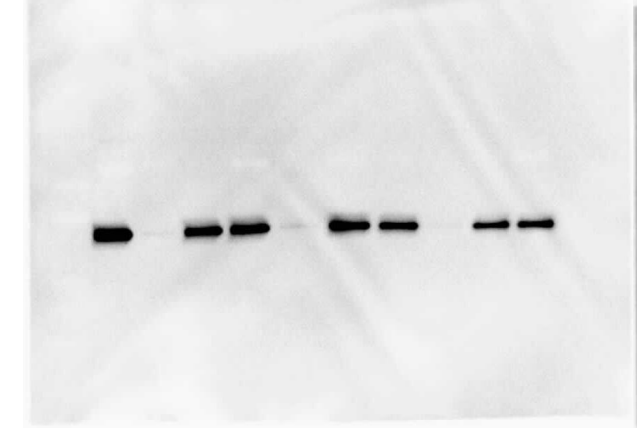
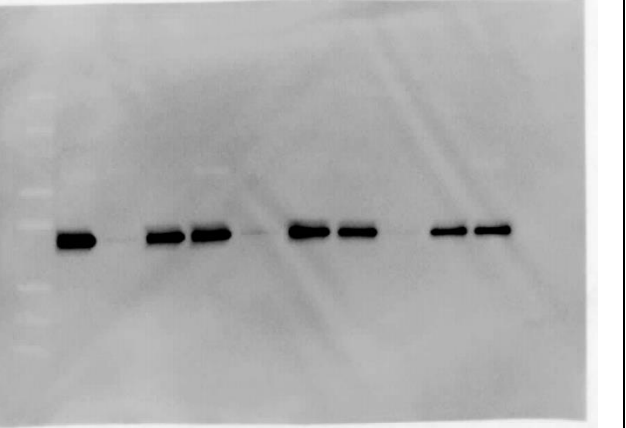
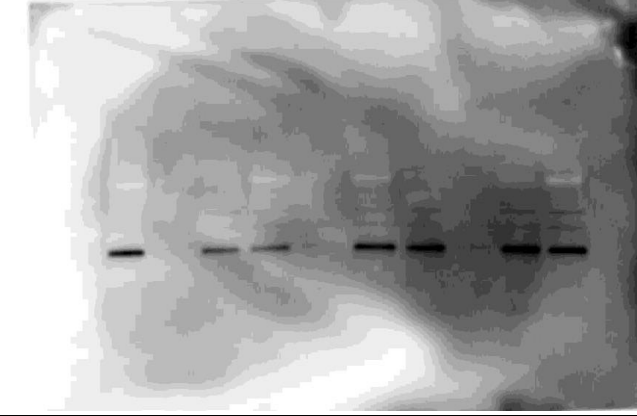
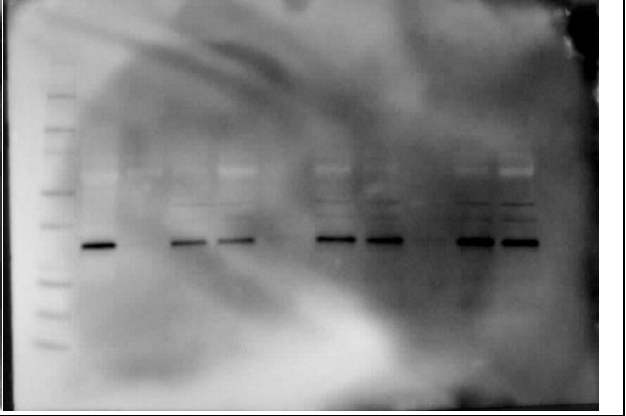
LP-extraction

Well Order	Ladder-Control-A100-A25-A3.12-E100-E6.25-E1.56-M100-M6.25-M1.56 (A indicates Acetonic. E indicates Ethanolic. M indicates Methanolic)	
Beta-aktin (retrieved from 1sec exposure)	 Western blot showing Beta-aktin bands across 12 lanes. The bands are of uniform intensity, indicating consistent protein levels across all conditions.	 Western blot showing Beta-aktin bands across 12 lanes. The bands are of uniform intensity, indicating consistent protein levels across all conditions.
Beta-aktin (retrieved from 3sec exposure)	 Western blot showing Beta-aktin bands across 12 lanes. The bands are of uniform intensity, indicating consistent protein levels across all conditions.	 Western blot showing Beta-aktin bands across 12 lanes. The bands are of uniform intensity, indicating consistent protein levels across all conditions.
Beta-aktin (retrieved from 10sec exposure)	 Western blot showing Beta-aktin bands across 12 lanes. The bands are of uniform intensity, indicating consistent protein levels across all conditions.	 Western blot showing Beta-aktin bands across 12 lanes. The bands are of uniform intensity, indicating consistent protein levels across all conditions.

<p>PCNA (retrieved from 1sec exposure)</p>	 <p>Western blot showing PCNA levels at 1 second exposure. The image displays a single row of bands across multiple lanes, with a consistent intensity of bands across all lanes.</p>	 <p>Western blot showing PCNA levels at 1 second exposure, presented as an inverted image. The bands are clearly visible against a dark background, showing uniform intensity across all lanes.</p>
<p>Caspase-3 (retrieved from 10sec exposure)</p>	 <p>Western blot showing Caspase-3 levels at 10 second exposure. The image shows multiple lanes with bands of varying intensity, indicating an increase in Caspase-3 levels over time.</p>	 <p>Western blot showing Caspase-3 levels at 10 second exposure, presented as an inverted image. The bands are clearly visible against a dark background, showing an increase in intensity across the lanes.</p>
<p>PARP (retrieved from 3sec exposure)</p>	 <p>Western blot showing PARP levels at 3 second exposure. The image shows multiple lanes with bands of varying intensity, indicating an increase in PARP levels over time.</p>	 <p>Western blot showing PARP levels at 3 second exposure, presented as an inverted image. The bands are clearly visible against a dark background, showing an increase in intensity across the lanes.</p>

UF-extraction

Well Order	Ladder-Control-A100-A12.5-A6.25-E100-E12.5-E1.56-M100-M12.5-M3.12 (A indicates Acetonic. E indicates Ethanolic. M indicates Methanolic)	
Beta-aktin (retrieved from 1sec exposure)	 Western blot showing Beta-aktin bands for 1-second exposure. The bands are faint and barely visible across all lanes.	 Western blot showing Beta-aktin bands for 1-second exposure. The bands are very faint and difficult to discern against the background.
Beta-aktin (retrieved from 15sec exposure)	 Western blot showing Beta-aktin bands for 15-second exposure. The bands are significantly more prominent than in the 1-second exposure.	 Western blot showing Beta-aktin bands for 15-second exposure. The bands are clearly visible and of moderate intensity.
Beta-aktin (retrieved from 30sec exposure)	 Western blot showing Beta-aktin bands for 30-second exposure. The bands are very dark and intense.	 Western blot showing Beta-aktin bands for 30-second exposure. The bands are very dark and intense, similar to the left panel.

<p>PCNA (retrieved from 1sec exposure)</p>		
<p>Caspase-3 (retrieved from 30sec exposure)</p>		
<p>PARP (retrieved from 30sec exposure)</p>	