# Header

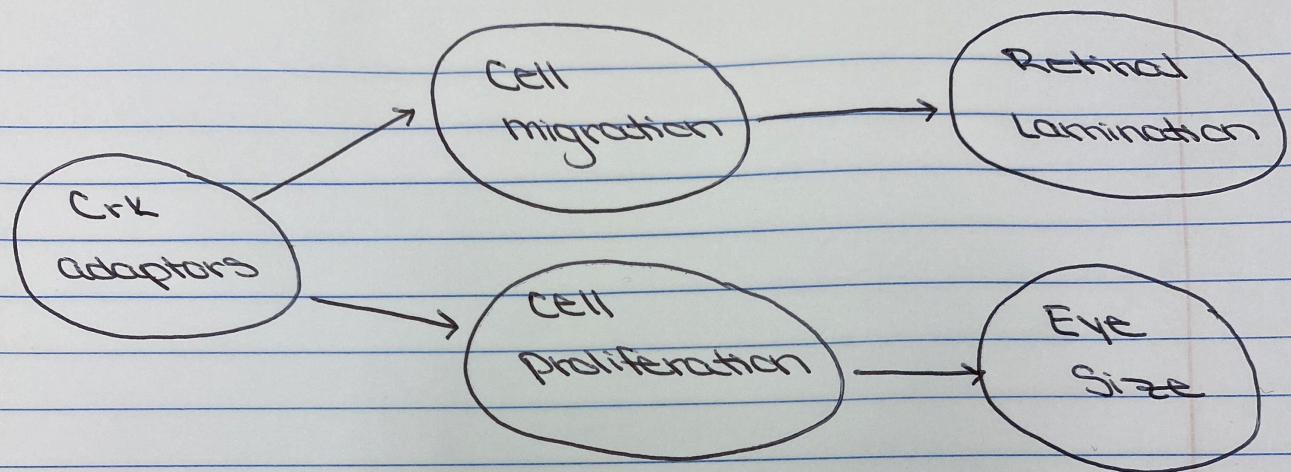## Header 2

### Header 3

#### Header 4

##### Header 5

###### Header 6

- Purple
- Green
- Yellow

1. Purple
2. Green
3. Yellow

Today is a great day!
Isn't it?

Example inline link with no title.

> This is a Block quote.

Here is some code: `{code}`

```
CODE
```

```R
R code
```

## Inline Equation

$H2O$

$$\mathbf{V}_1 \times \mathbf{V}_2 = \begin{vmatrix} \mathbf{i} & \mathbf{j} & \mathbf{k} \\ \frac{\partial X}{\partial u} & \frac{\partial Y}{\partial u} & 0 \\ \frac{\partial X}{\partial v} & \frac{\partial Y}{\partial v} & 0 \end{vmatrix}$$

## Centered Equation

$$\mathbf{V}_1 \times \mathbf{V}_2 = \begin{vmatrix} \mathbf{i} & \mathbf{j} & \mathbf{k} \\ \frac{\partial X}{\partial u} & \frac{\partial Y}{\partial u} & 0 \\ \frac{\partial X}{\partial v} & \frac{\partial Y}{\partial v} & 0 \end{vmatrix}$$

## Horizontal Lines

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| First Header | Second Header |
| --- | --- |
| 1 | 3 |
| 5 | 7 |

```
CRK Adaptors ──→ Cell Migration ──→ Retinal Lamination
      │
      └──→ Cell Proliferation ──→ Eye Size
```