

# Carnegie Trust for the Universities of Scotland

## Summary report: Carnegie/Caledonian PhD Scholarships Round: 2020

The closing date for submission under this scheme was 28 February.

### Summary data

- 62 nominations were received (3 withdrew prior to shortlisting while one was discovered to be ineligible)
- 30 nominations were shortlisted
- 11 Carnegie Scholarships and one Caledonian Research Foundation Scholarship have been offered and accepted (among the offers extended 4 were declined and subsequently offered and accepted by the first four reserve candidates)

### Adviser Review Process

The applications were allocated to 37 specialist Advisers located throughout the rest of the UK. It should be noted that, due to the severe disruption caused throughout the higher education sector by the Covid-19 pandemic, the Trust experienced particular difficulty in recruiting available, suitably qualified advisers within the physical sciences. The Advisers provided reports and scores on the basis of the following specified criteria:

- Academic ability and research potential
- Project originality, significance and feasibility
- Fit between the candidate, project and research environment
- Overall quality

### Shortlisting Stage

On the basis of the comments and scores received from the Advisers, 30 of the 59 remaining nominations were shortlisted.

The shortlisted applications were sent to a Selection Committee consisting of:

Professor Maggie Cusack, University of Stirling  
Professor Douglas Neil, University of Glasgow  
Professor Paul Hagan, Robert Gordon University  
Professor Emma Sutton, University of St Andrews  
Professor Claire Wallace, University of Aberdeen  
Professor Mary Orr, University of St Andrews  
Professor John Roulston, CEO, Scimus Solutions Ltd  
Professor Holger Nehring, University of Stirling  
Dr Alison Fielding, CTUS Trustee  
Dr Patricia Krus, CTUS  
Professor Andrew Walker, CTUS and Heriot-Watt University.

Professor Emma Sutton of the University of St Andrews kindly agreed to step in as panellist as Prof Faye Hammill was unable to participate due to a conflict of interest. The Committee met remotely on 13<sup>th</sup> May at the conclusion of which 12 candidates were selected to receive an offer of a Scholarship, a list of 8 reserve candidates was also designated.

## Statistics

The following tables show the breakdown of age, gender, subject area and university of tenure for the initial nominations and the fate of the applications.

This year the division of shortlisted nominations was dominated by candidates from the arts and humanities who accounted for 43% (13 of the 30) shortlisted applications. The remaining 17 were split as follows; physical sciences (8), social sciences (5), biological sciences (4), this final category faring poorly in comparison to previous years, both in terms of nominations and shortlisting.

Field	Nominations	Accepted	Shortlisted (Rejected)	Not Shortlisted	Declined/Withdrawn/Ineligible
Arts & Humanities	24	4	8	10	2
Biological Sciences	12	3	1	6	2
Physical Sciences	14	3	2	5	4
Social Sciences	12	2	3	7	0
<b>Grand Total</b>	<b>62</b>	<b>12</b>	<b>14</b>	<b>28</b>	<b>8</b>

82% of applicants were aged between 20 and 29.

Applicant Age	Nominations	Accepted	Shortlisted (Rejected)	Not Shortlisted	Declined/Withdrawn/Ineligible
20-24	37	7	8	16	6
25-29	14	3	4	7	0
30-34	5	0	1	3	1
35-39	1	0	1	0	0
40-44	3	2	0	1	0
45-49	1	0	0	1	0
50-54	1	0	0	0	1
<b>Grand total</b>	<b>62</b>	<b>12</b>	<b>14</b>	<b>28</b>	<b>8</b>

Of the original 62 applications 61% came from female applicants, with this proportion increasing slightly to 63% at the shortlist stage.

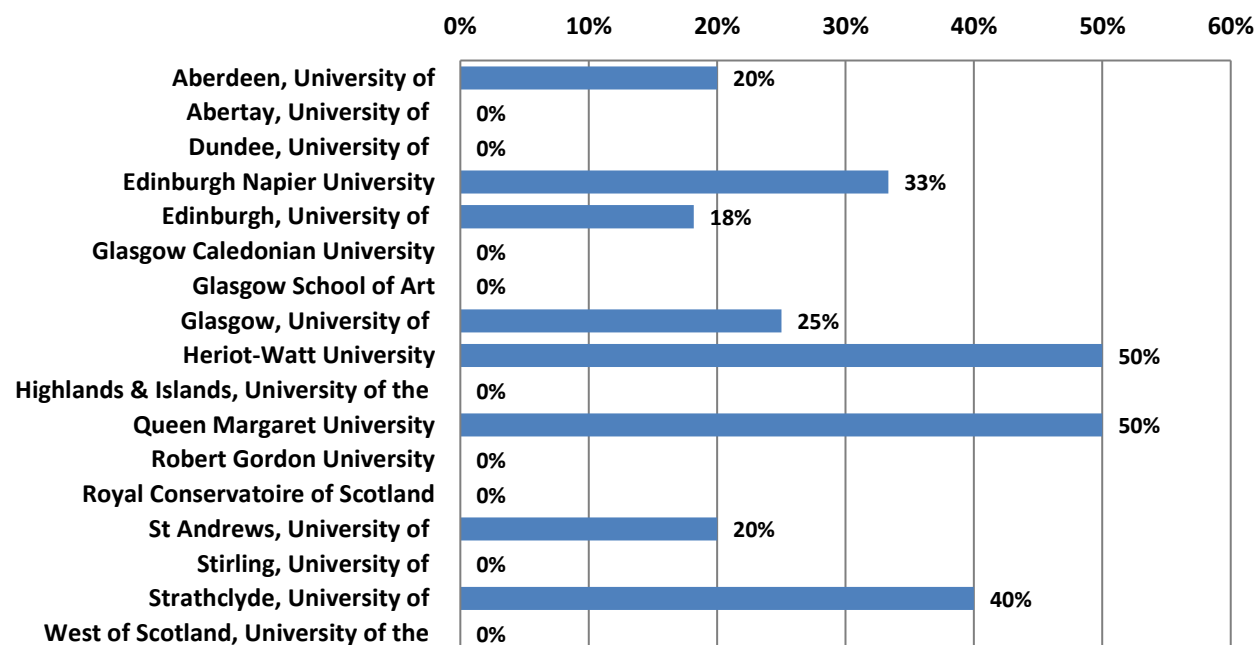
Gender	Nominations	Accepted	Shortlisted (Rejected)	Not Shortlisted	Declined/Withdrawn/Ineligible
Female	38	7	10	16	5
Male	22	5	3	11	3
Other	2	0	1	1	0
<b>Grand total</b>	<b>62</b>	<b>12</b>	<b>14</b>	<b>28</b>	<b>8</b>

Out of the 17 eligible institutions 12 saw at least one of their candidates shortlisted. The following table displays figures for the number of candidates shortlisted and accepted Scholarships. Four of the initial offers, made to applicants nominated by Heriot-Watt University, the Universities of Aberdeen, Edinburgh and Glasgow were declined due to the candidates opting to accept placements at alternate institutions outside of the UK. These scholarships were offered to reserve candidates, based at Heriot-Watt University (2), the University of Strathclyde and the University of St Andrews.

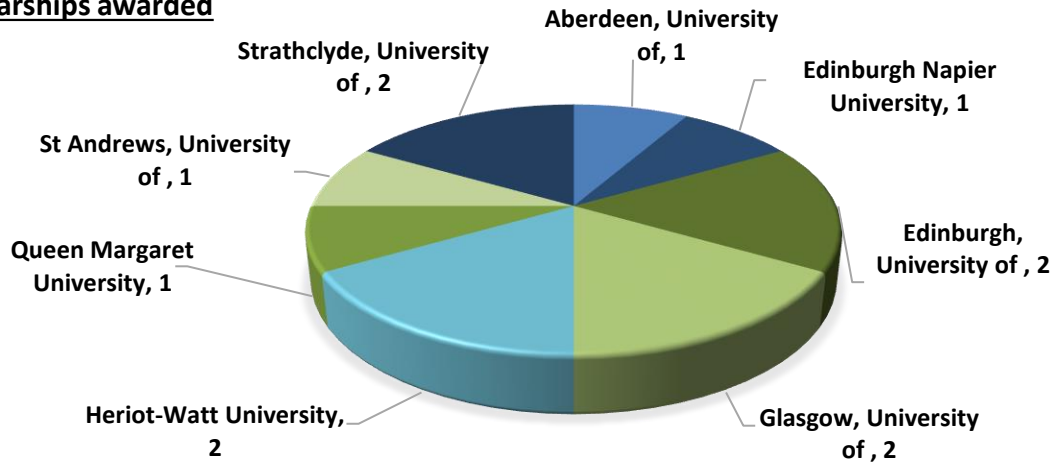
University	Nominations	Accepted	Shortlisted (Rejected)	Not Shortlisted	Declined/ Withdrawn/ Ineligible
Aberdeen, University of	5	1	2	0	2
Abertay, University of	2	0	0	2	0
Dundee, University of	2	0	1	1	0
Edinburgh Napier University	3	1	0	2	0
Edinburgh, University of	11	2	4	4	1
Glasgow Caledonian University	3	0	0	3	0
Glasgow School of Art	3	0	1	2	0
Glasgow, University of	8	2	1	2	3
Heriot-Watt University	4	2	0	1	1
Highlands & Islands, University of the	2	0	0	1	1
Queen Margaret University	2	1	1	0	0
Robert Gordon University	1	0	0	1	0
Royal Conservatoire of Scotland	1	0	1	0	0
St Andrews, University of	5	1	2	2	0
Stirling, University of	3	0	1	2	0
Strathclyde, University of	5	2	0	3	0
West of Scotland, University of the	2	0	0	2	0
<b>Grand total</b>	<b>62</b>	<b>12</b>	<b>14</b>	<b>28</b>	<b>8</b>

The Trust awarded 11 Carnegie Scholarships and a single Caledonian Research Foundation Scholarship to commence in 2020-21 (details in Annex 1).

### Success Rate of Nominating University

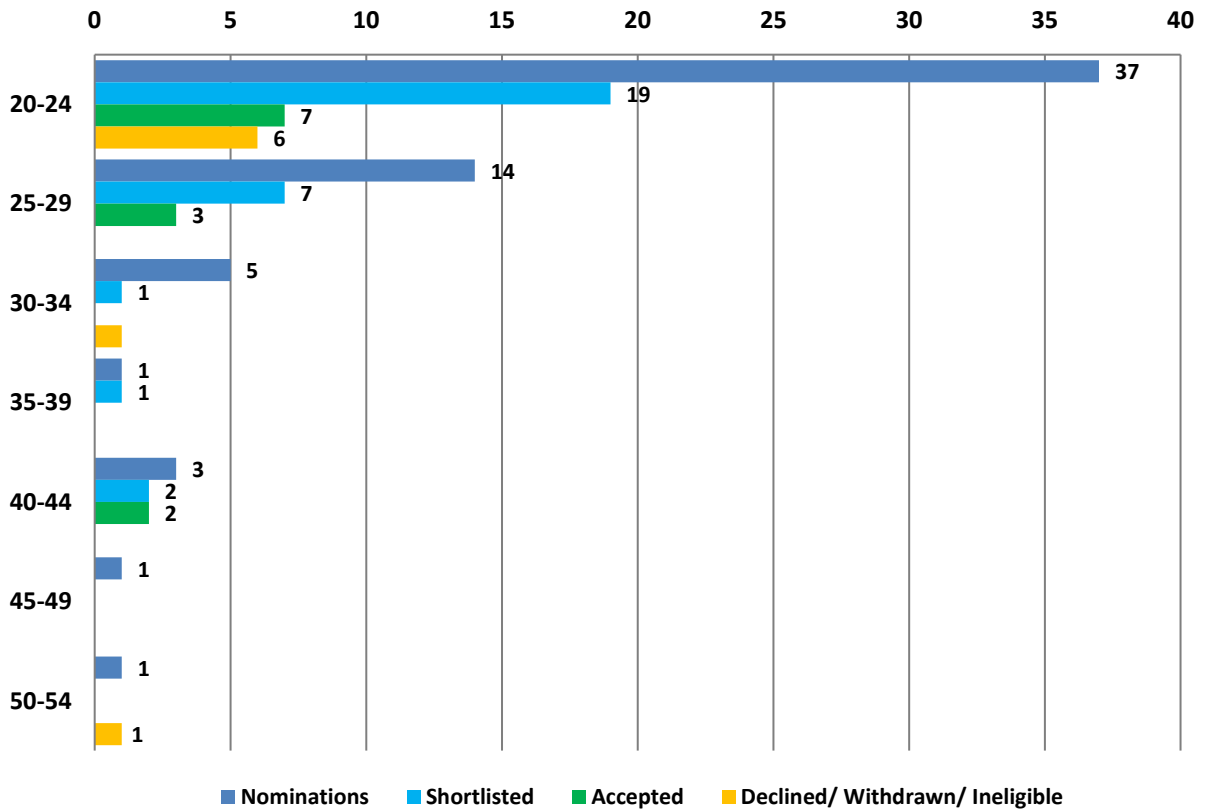


**Scholarships awarded**

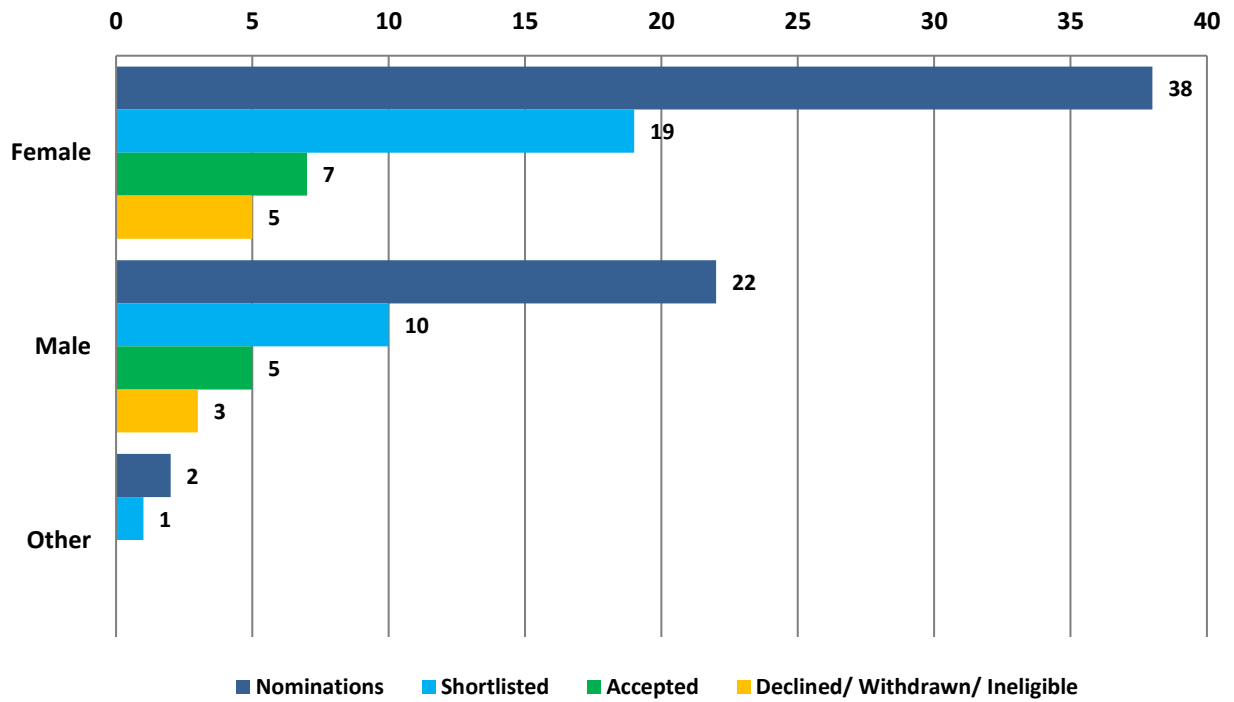


**Equal Opportunities Monitoring**

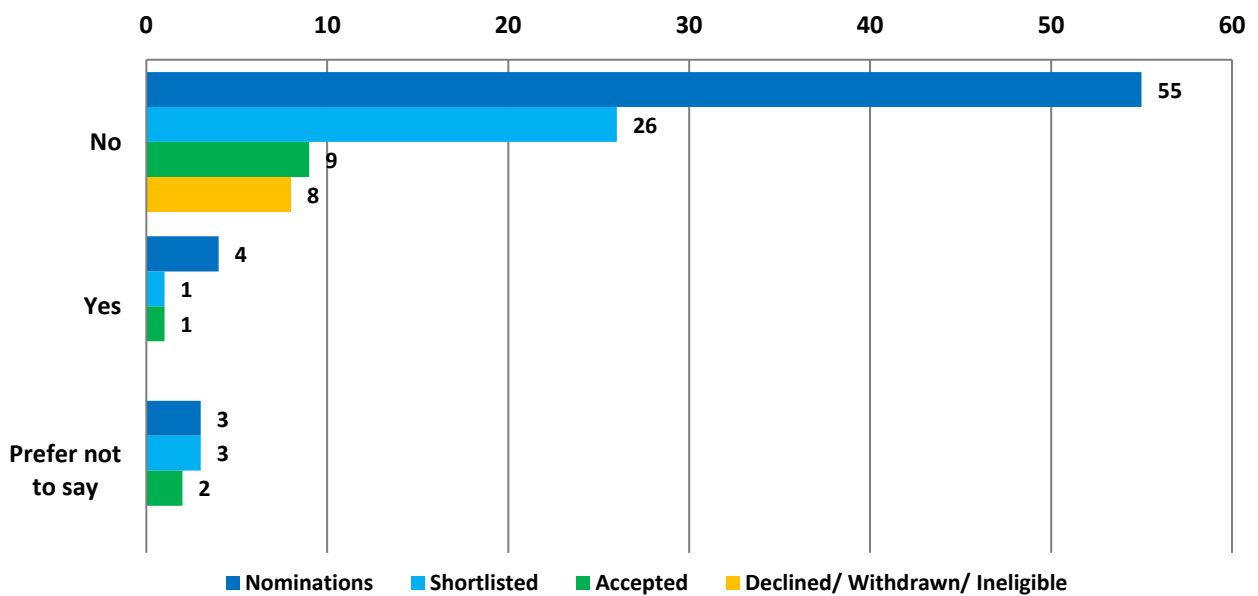
**Age**



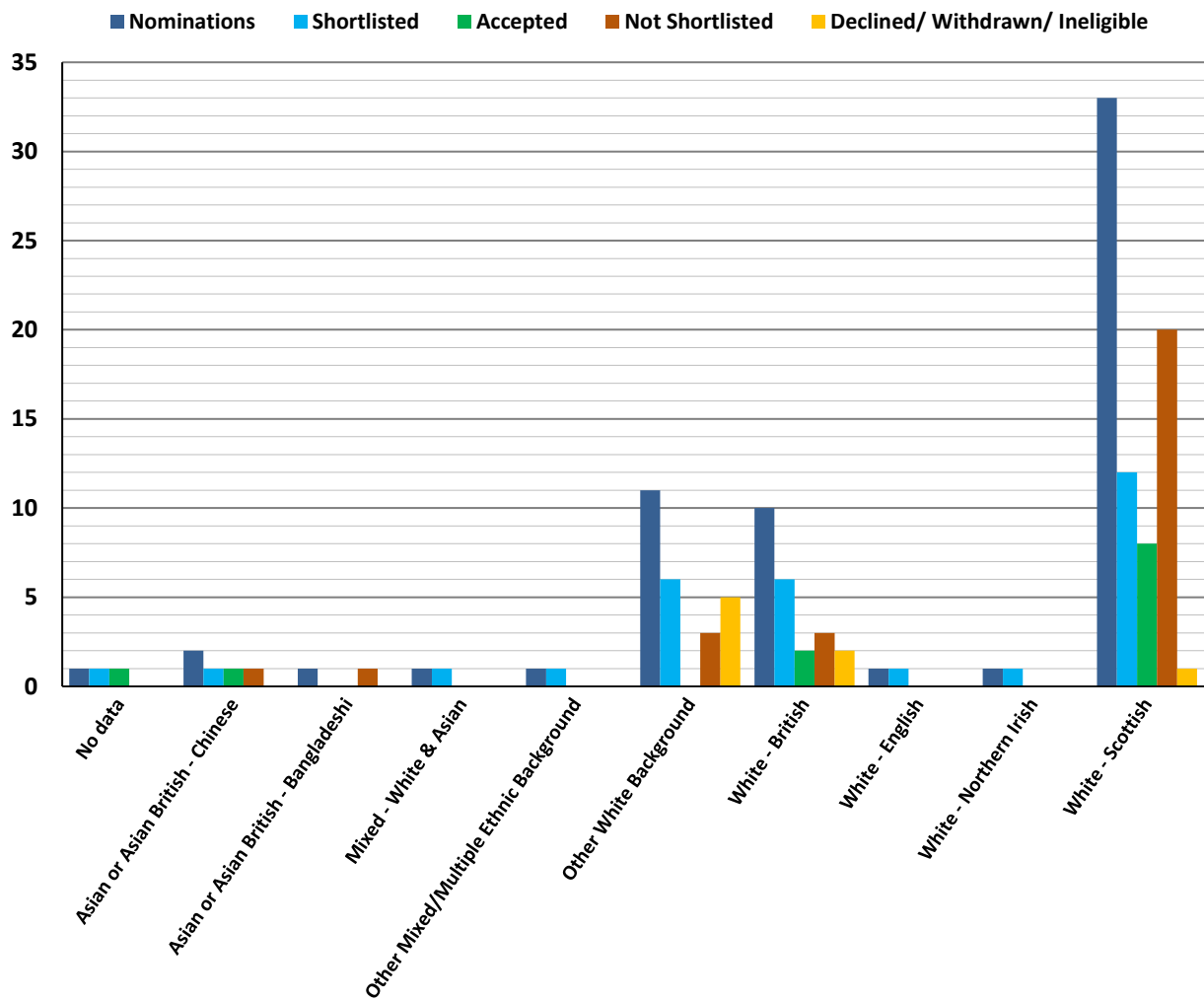
**Gender**



**Disability**



## Ethnicity



## Annex 1: List of Scholarships awarded

### Carnegie Scholarships:

Abigail **Cunningham**, Social Sciences, Edinburgh Napier University  
*A Qualitative exploration of Scottish-Pakistanis' experiences of policing*  
Supervisors: Dr Elizabeth Aston & Dr Grant Jeffrey

Leanne **Demay**, Archaeology, University of Aberdeen  
*Rome and the creation of the Picts: Social and political change in north-east Scotland (AD100–800) in comparative perspective*  
Supervisors: Professor Gordon Noble & Dr Joshua Wright

Lauren **Evans**, Biomedical Sciences, University of Strathclyde (**Robertson Medalist**)  
*Development of push-pull nanopharmaceuticals for pancreatic cancer therapy*  
Supervisor: Dr Clare Hoskins

Patrick **Kinnear**, Mathematics, University of Edinburgh  
*Skein Modules & Topological Field Theory*  
Supervisors: Dr David Jordan & Dr Ben Davison

AnneMarie **MacRae**, Linguistics, Queen Margaret University  
*Profiling the speech, language and communication needs (SLCN) of young women and girls who offend.*  
Supervisors: Dr Ann Clark & Dr Marion Ellison

Heather **Milligan**, Literary Studies, University of Edinburgh  
*A Novel Climate: Disrupting Genre in the Anthropocene*  
Supervisors: Dr Benjamin Bateman & Dr David Farrier

Emily **Reid**, Geosciences, University of St Andrews  
*Reconstructing Summer Temperatures from Tree-rings in the Southern Yukon, Canada*  
Supervisors: Professor Rob Wilson & Dr Andrea Burke

Robbie **Reid**, Law, University of Glasgow  
*A critical evaluation of the protection of privacy and reputation rights by criminal law*  
Supervisors: Professor James Chalmers & Professor Fiona Leverick

Hamish **Swanson**, Chemistry, University of Strathclyde  
*Joint Computational and Synthetic Approach for Directed Discovery of "Peptoid" Self-assembly of Bio-nano-materials.*  
Supervisors: Professor Tell Tuttle & Dr Aaron Lau

David **Thorpe**, Psychology, Heriot-Watt University  
*Employment and autistic adults: identifying needs to develop a workplace toolkit*  
Supervisors: Dr Mary Stewart & Professor Kate Sang

Wenhui **Zhang**, Mathematics, University of Glasgow  
*Analysis of Positron Emission Tomography data for tumour detection and delineation*  
Supervisors: Dr Surajit Ray & Dr Mu Niu

### Caledonian Research Foundation Scholarship:

Connor **Bain**, Computing Science, Herriot-Watt University  
*A flexible, wearable interface for mapping the mechanical changes that occur in soft tissues during health changes*  
Supervisors: Dr Michael Crichton & Dr Daniil Yurchenko