

## Soft Tissue Mechanics to address clinical health challenges

### - Stakeholder Engagement Day

#### Engage, Influence, Inform, Share

8<sup>th</sup> May 2019

Room 311B

Mathematics & Statistics Building, University of Glasgow

### Programme

#### Overview:

- SofTMech is the EPSRC funded Healthcare centre for Multiscale Soft Tissue Mechanics with applications to heart and cancer. The team adopt a multidisciplinary approach which includes both mathematicians and clinicians, to drive the development of multiscale mathematical and computational models of soft tissue mechanics.
- SofTMech is entering its fourth year and has had many successful outcomes to date. Partnerships with Industry and Clinicians are essential in realising the full impact of this research, and greatly support and accelerate the translation of fundamental research to address critical clinical problems within crucial areas such as cancer and cardiology.
- For this Stakeholder event, experts from Healthcare, and relevant industries such as Medical Technologies are invited to join this knowledge sharing opportunity. A refreshed insight into the clinical needs and challenges faced, will help prioritise the next steps for SofTMech and extend collaborative opportunities.

#### Agenda:

1. Registration: Tea and Coffee 0930-1000
2. Welcome: Prof Xiaoyu Luo 1000-1010
  - Objectives of stakeholder event - i.e. importance of Translational
  - High level overview of SofTMech research.
3. Prof Chris Pearce, Dean of Research 1010-1015
  - University of Glasgow long term commitment to SofTMech research
  - Strategic importance of SofTMech.
  - Important multidisciplinary role of SofTMech.
4. Dr Stephen Meader, MRC 1015-1030
  - Importance of translational activities from a funder perspective
  - Funding sources & activities to support translational activities.
5. Dr Peter Stewart 1030-1040
  - Overview of Translation Ideas.
6. Poster Trailer session 1040-1100
  - SofTMech team give 1 minute presentations on their research and possible Translation routes.

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| 7. Tea/coffee + Poster session  | 1100-1140 |
| - Opportunity for attendees to learn more about research; explore translational ideas and identify barriers to translation. |           |
| 8. Dr Tom Robinson, EPSRC   | 1140-1150 |
| - Importance of SoftMech, EPSRC support for translational activities.   |           |
| 9. Enabling collaborations: Dr Caroline Hogarth   | 1150-1200 |
| - Accelerating Impact via the EPSRC Impact Acceleration Account: Collaborative Opportunities.                               |           |
| 10. SoftMech Partner/Clyde Biosciences: Professor Godfrey Smith   | 1200-1215 |
| - Potential translation opportunities from SoftMech research.   |           |
| 11. Other companies – short presentations.  | 1215-1255 |
| - Areas of collaboration/translational opportunities.   |           |
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| 12. Identify topics for discussion at breakout discussion   | 1255-1300 |
| 13. Lunch + Networking  | 1300-1400 |
| 14. Breakout discussion   | 1400-1500 |
| - Open discussion on areas of interest, key translational Challenges, topics identified for future funding applications.    |           |
| 15. Summary round up of questions and follow up actions:<br>Prof Nick Hill  | 1500-1545 |