

# Transformative Healthcare Technologies

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# “Application and funding process”

## Application process:

- Stage 1:
  - Intention to submit: October 2020
  - Outline proposal: November 2020
  - Outline proposal decision: December 2020
- Stage 2:
  - Full proposal – invited from successful outline proposals: March 2021
  - Panel assessment: June 2021
  - Award start date: August 2021


## Funding mechanism:

- Development phase:
  - Identify projects that demonstrate readiness in order to deliver the research programme in the second “delivery” phase
- Delivery phase:
  - EPSRC is looking to fund 4–6 substantial programmes of research at the second phase

# Overview costs table from 2019 submission

Work package		1		2		3		4		5		Total	
Id	Name	Fraction	£k	Fraction	£k	Fraction	£k	Fraction	£k	Fraction	£k	FTE	£k
<b>DPP-PBT-TwentyFifty</b>													
<b>Non-staff cost summary</b>													
<b>DPP-PBT-TwentyFifty</b>													
1	End-to-end simulation and performance validation		3.00	3.00		3.00		3.00		3.00		3.00	15.00
2	Laser-driven particle source		3.00	3.00		1202.38		3.00		3.00		3.00	1214.38
3	Capture		3.00	71.31		30.85		3.00		3.00		3.00	111.16
4	Beam transport and delivery		3.00	3.00		3.00		1005.07		3.00		3.00	1017.07
5	Diagnostics, dosimetry and simulation		5.00	5.00		355.43		5.22		5.30		5.30	376.02
6	Biological end-station		15.00	15.00		15.00		12.00		433.76		433.76	490.76
7	Management		3.00	3.00		3.00		3.00		3.00		3.00	15.00
Non-staff sub-totals			35.00	103.38		1612.66		1034.29		454.06		454.06	3239.38
<b>Non-staff totals</b>			<b>35.00</b>	<b>103.38</b>		<b>1612.66</b>		<b>1034.29</b>		<b>454.06</b>		<b>454.06</b>	<b>3239.38</b>
<b>Total staff and non-staff by work package</b>													
<b>DPP-PBT-TwentyFifty</b>													
1	End-to-end simulation and performance validation		225.38	217.23		228.88		234.53		174.09		174.09	1080.11
2	Laser-driven particle source		63.17	80.26		1271.41		34.01		3.00		3.00	1451.86
3	Capture		55.05	134.97		115.26		77.47		20.94		20.94	403.69
4	Beam transport and delivery		43.11	106.97		98.80		1103.26		16.25		16.25	1368.38
5	Diagnostics, dosimetry and simulation		65.94	77.85		436.33		79.09		81.02		81.02	740.22
6	Biological end-station		76.04	98.20		161.21		200.66		646.18		646.18	1182.30
7	Management		88.50	90.64		92.83		95.07		97.38		97.38	464.42
Sub-totals			617.18	806.11		2404.73		1824.11		1038.85		1038.85	6690.98
<b>Grand totals</b>			<b>617.18</b>	<b>806.11</b>		<b>2404.73</b>		<b>1824.11</b>		<b>1038.85</b>		<b>1038.85</b>	<b>6690.98</b>

# MRC announcement, and, key dates



The screenshot shows the Medical Research Council website. At the top left is the UKRI logo. To its right is the text 'Medical Research Council'. Below this is a banner image of a hand in a blue glove holding a pipette tip, with the text 'Funding opportunities' overlaid. A navigation bar contains links for 'Home', 'Funding', 'Research', and 'News'. The main heading is 'Second Call for Transformative Healthcare Technologies – Pre-announcement and engagement event'. The text below states: 'The EPSRC, in collaboration with the MRC, will shortly be inviting proposals for adventurous (high risk, high gain) projects as part of the second phase of the Transformative Healthcare Technologies for 2050 call, otherwise referred to as the Transformative Healthcare Technologies 2.0 call. This call will target projects that are guided by a longer-term vision to pursue new, "high risk high reward" ideas and develop thinking and approaches supported by the next generation of underpinning science, engineering and emerging technologies in the healthcare space. We seek and encourage adventurous ideas, new thinking and collaborations that have the potential to significantly improve healthcare delivery by 2050.' A 'Read more' button is located at the bottom right of the text. At the very bottom of the page, it says 'The Medical Research Council is part of UK Research and Innovation.'

## Key dates:

- Call opening: Early-September 2020
- Outline proposal deadline: Early-November 2020
- Outline proposal decision: Mid-December
- Full proposal deadline: Early-March 2021