

## Online Resource 1

**Article title:** Patient-derived procoagulant breast fibroblasts expressing tissue factor promote breast cancer cell migration

**Journal:** Journal of Mammary Gland Biology and Neoplasia

**Authors:** Hadiyat A. Ogunlayi<sup>1,3</sup>, John Castle<sup>1</sup>, Emma L. Blower<sup>1</sup>, Anne Armstrong<sup>1,2</sup>, Robert B. Clarke<sup>1</sup>, Cliona C. Kirwan<sup>1,3</sup>.

**Affiliations:**

1. Division of Cancer Sciences, School of Medical Sciences, Faculty of Biology, Medicine and Health, University of Manchester, Manchester, UK.

2. The Christie NHS Foundation Trust, Manchester, UK.

3. Manchester University NHS Foundation Trust, Manchester, UK.

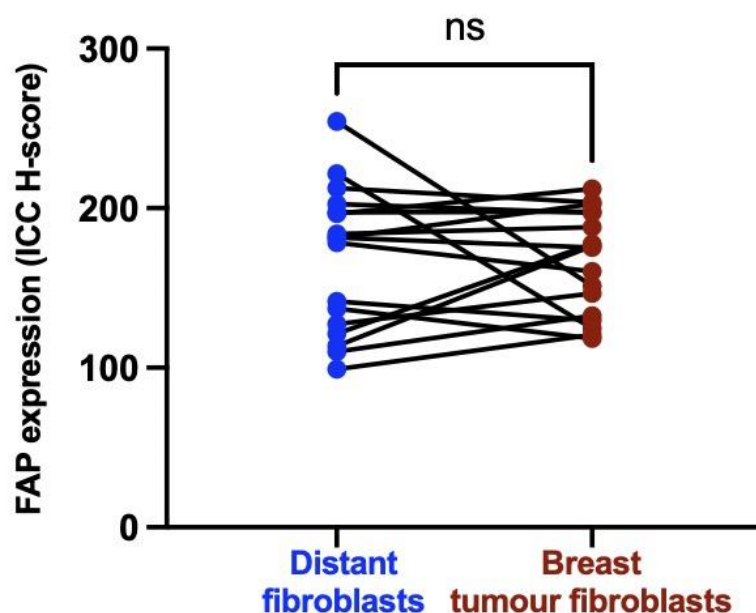
Corresponding author: ([cliona.kirwan@manchester.ac.uk](mailto:cliona.kirwan@manchester.ac.uk))

**Online Resource 1 – Table 1.** FAP H-scores (ICC analysis) in patient-derived breast fibroblast samples. These data correspond to Online Resource 1 – Figure 1.

| Fibroblast sample ID | SN= distant fibroblasts<br>FAP H-score | IBC = invasive breast<br>cancer (breast tumour)<br>fibroblasts FAP H-score |
|----------------------|----------------------------------------|----------------------------------------------------------------------------|
| 7                    | 110.029854                             | 132.572296                                                                 |
| 5                    | 178.403824                             | 160.370377                                                                 |
| 23                   | 99.042145                              | 120.689651                                                                 |
| 8                    | 221.627975                             | 124.654381                                                                 |
| 21                   | 212.735031                             | 203.737106                                                                 |
| 9                    | 197.449066                             | 197.873169                                                                 |
| 20                   | 181.386948                             | 202.631577                                                                 |
| 18                   | 183.856674                             | 188.059708                                                                 |
| 1                    | 113.558807                             | 176.288239                                                                 |
| 17                   | 137.043793                             | 118.442863                                                                 |
| 13                   | 196.614761                             | 212.148407                                                                 |

|      |            |            |
|------|------------|------------|
| 14   | 181.615128 | 175.335403 |
| 4    | 141.698349 | 129.667633 |
| 3    | 202.691513 | 197.145996 |
| 15   | 121.468925 | 177.640839 |
| 6409 | 254.250000 | 151.494141 |
| 12   | 127.476036 | 146.628754 |

**Online Resource 1 – Figure 1)** Immunocytochemical analysis comparing FAP expression in distant fibroblasts and breast tumour fibroblasts



Paired analysis of comparison between FAP expression in breast tumour fibroblasts and their matched distant fibroblasts (n=17, median H-score [tumour= 175.3, distant= 181.4], p= 0.80).