Supplementary Information

Combinatorial development of antibacterial Zr-Cu-Al-Ag thin film metallic glasses

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Supplementary Information

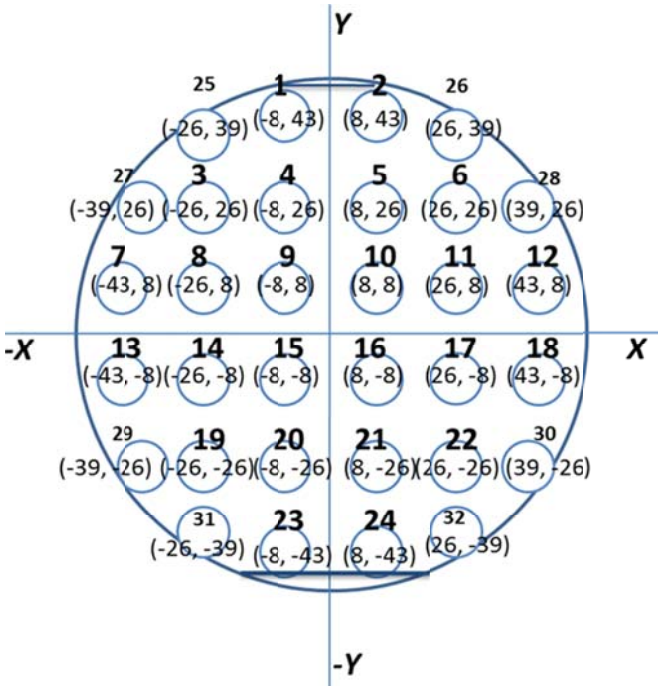

Figure S1 Diagram showing the labels and center coordinates of the patch films on Si substrate. (0, 0) is center of the Si substrate.

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Table S1 Compositions of the alloys in the material library measured at the center of patches.

Patch#	Zr (%)	Cu (%)	Al (%)	Ag (%)
1	46.1	34.1	7.8	12.0
2	37.6	35.8	8.9	17.7
3	52.5	32.2	8.2	7.1
4	44.6	34.9	9.5	11.0
5	36.4	37.0	10.7	15.9
6	29.2	38.0	11.6	21.2
7	53.5	29.8	12.2	4.5
8	49.1	33.2	11.2	6.6
9	41.0	36.3	12.8	9.9
10	35.0	37.3	14.1	13.7
11	28.2	38.5	15.5	17.9
12	23.2	37.7	16.1	23.0
13	52.5	30.4	12.9	4.3
14	44.4	34.1	15.4	6.0
15	38.3	35.6	17.9	8.2
16	31.5	37.1	20.0	11.5
17	26.7	37.5	21.2	14.6
18	22.3	37.7	21.1	18.8
19	39.6	32.9	22.1	5.4
20	33.8	34.9	24.5	6.9
21	28.0	35.6	27.2	9.2
22	23.4	36.1	29.0	11.5
23	27.6	31.6	35.0	5.8
24	22.4	32.2	38.7	6.7

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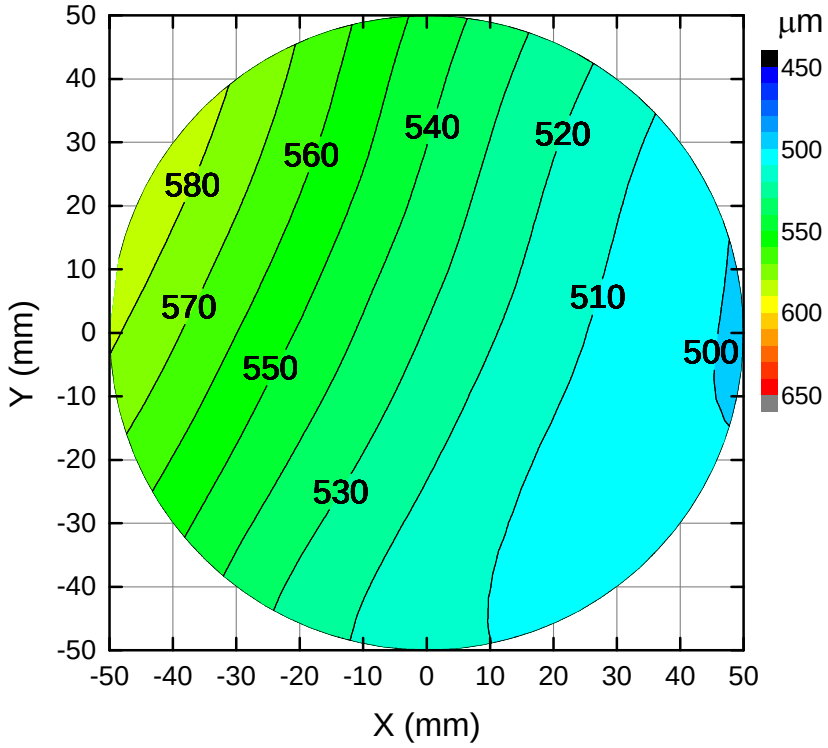

Figure S2 Variation in film thickness across the library.

Supplementary Information

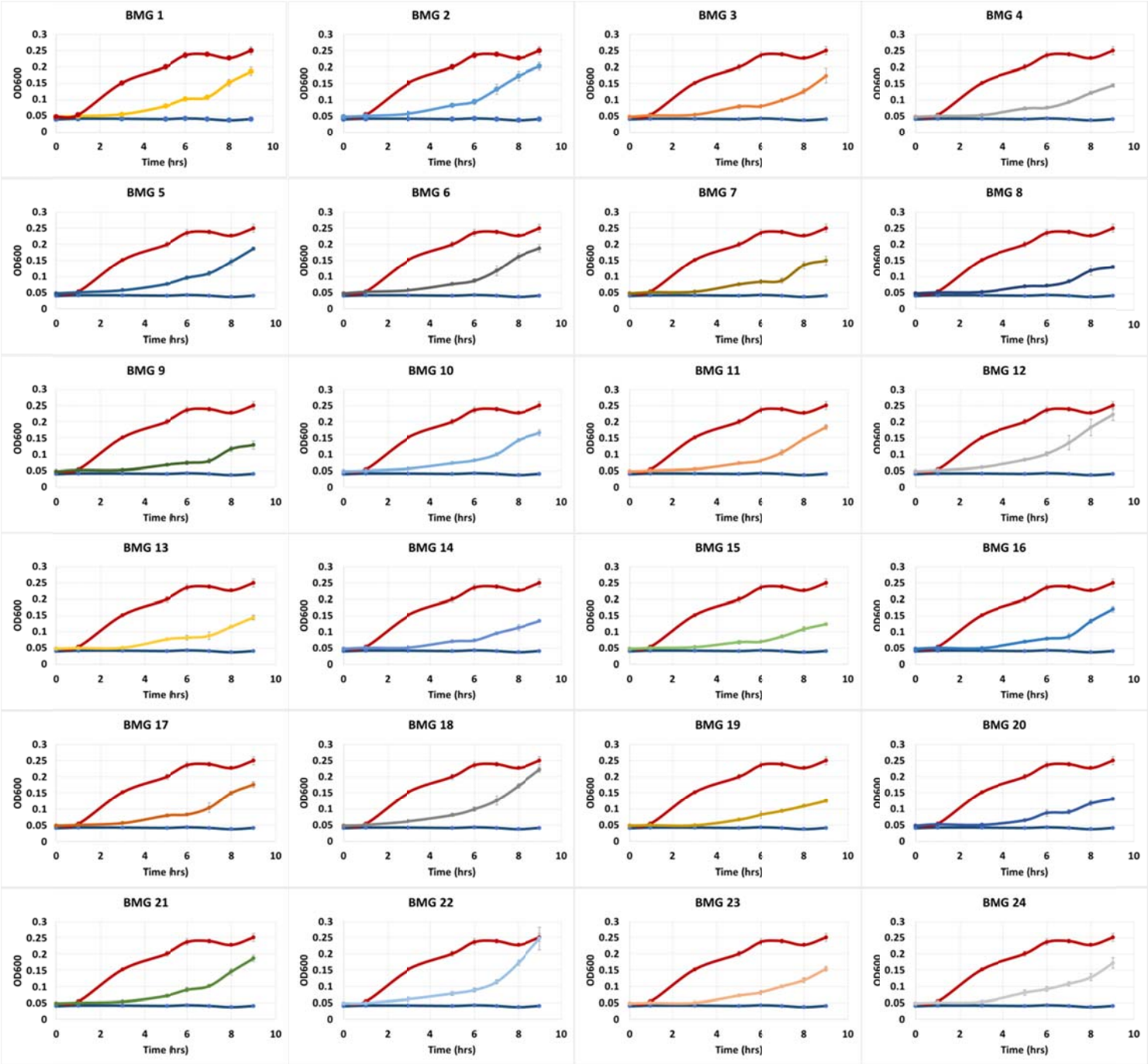

Figure S3 O.D. as function of time for all the 24 alloys in our material library. The numbers correspond to patch labels indicated in Fig. S1.

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