

Supporting Information 1 for the manuscript:

“Metal-Assisted and Microwave-Accelerated Evaporative Crystallization” by Pinard and Aslan.

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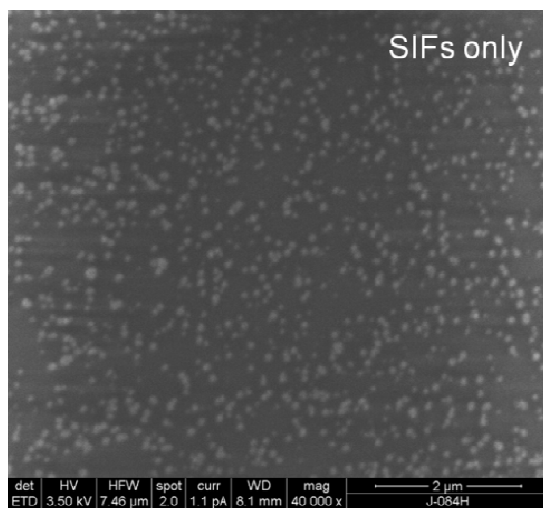


Figure S1. SEM image of Silver Island Films (SIFs) on blank glass slides. SIFs are ~80 nm in diameter.

Glass, RT, 3.2 M, pH= 6

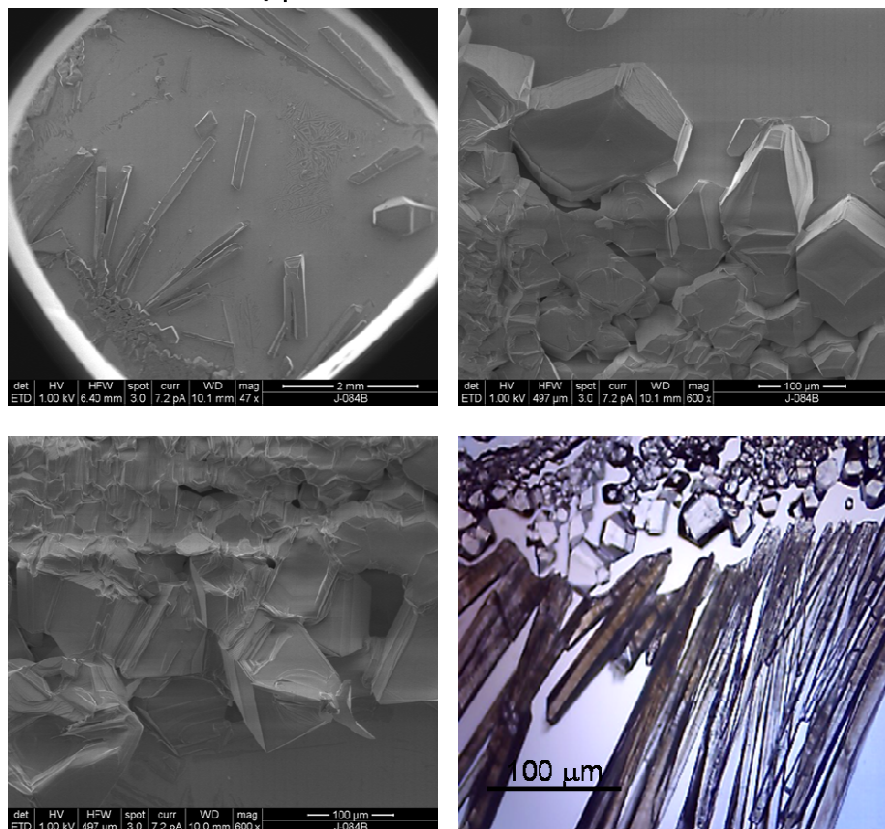
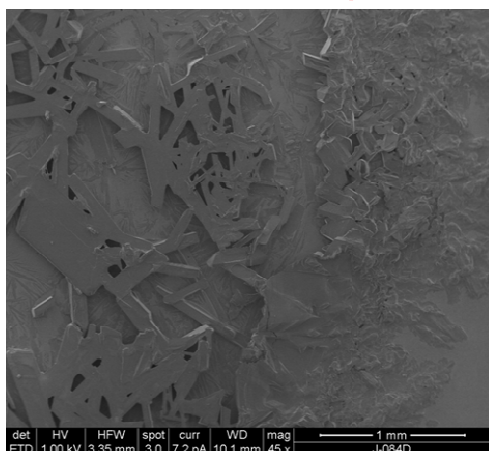
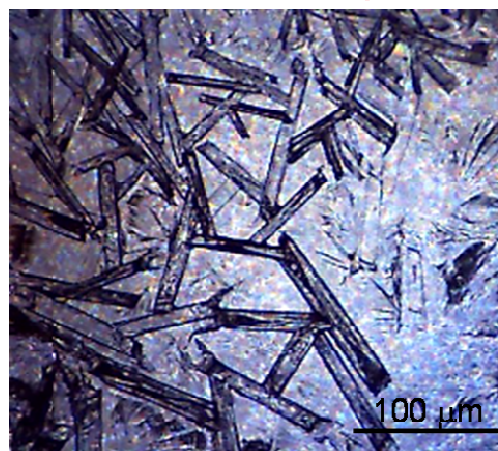


Figure S2. SEM and optical images of glycine crystals grown from 3.2 M pH=6 aqueous glycine solution on blank glass slides at room temperature (RT).

Glass, MW, 3.2 M, pH= 6



Glass, MW, 1.6 M, pH= 6



Glass, MW, 1.6 M, pH= 9

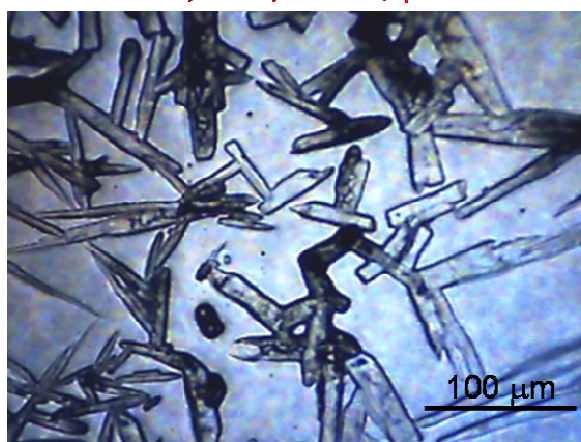


Figure S3. SEM and optical images of glycine crystals grown from various aqueous glycine solutions on blank glass slides using microwave heating (MW).

SIFs, RT, 3.2 M, pH= 6

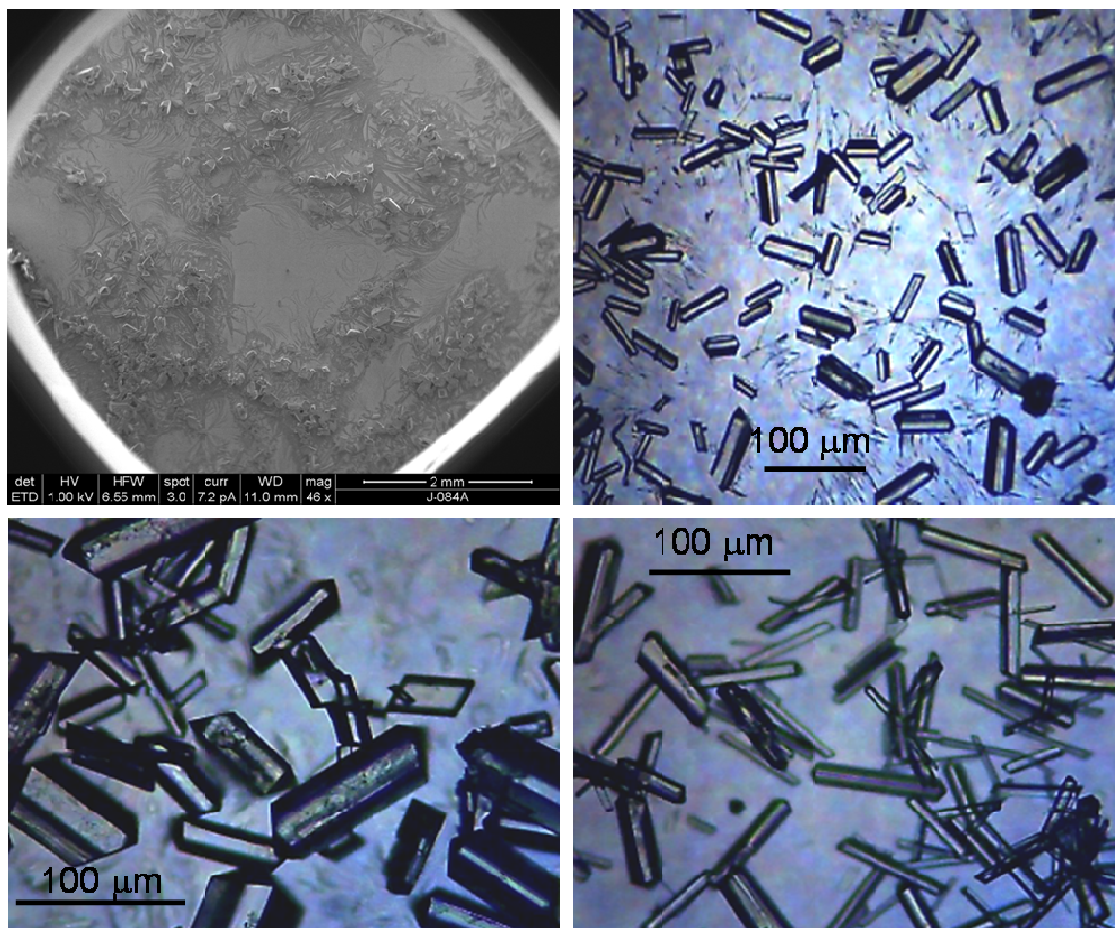


Figure S4. SEM and optical images of glycine crystals grown from 3.2 M pH=6 aqueous glycine solution on SIFs at room temperature (RT).

SIFs, RT, 3.2 M, pH= 4

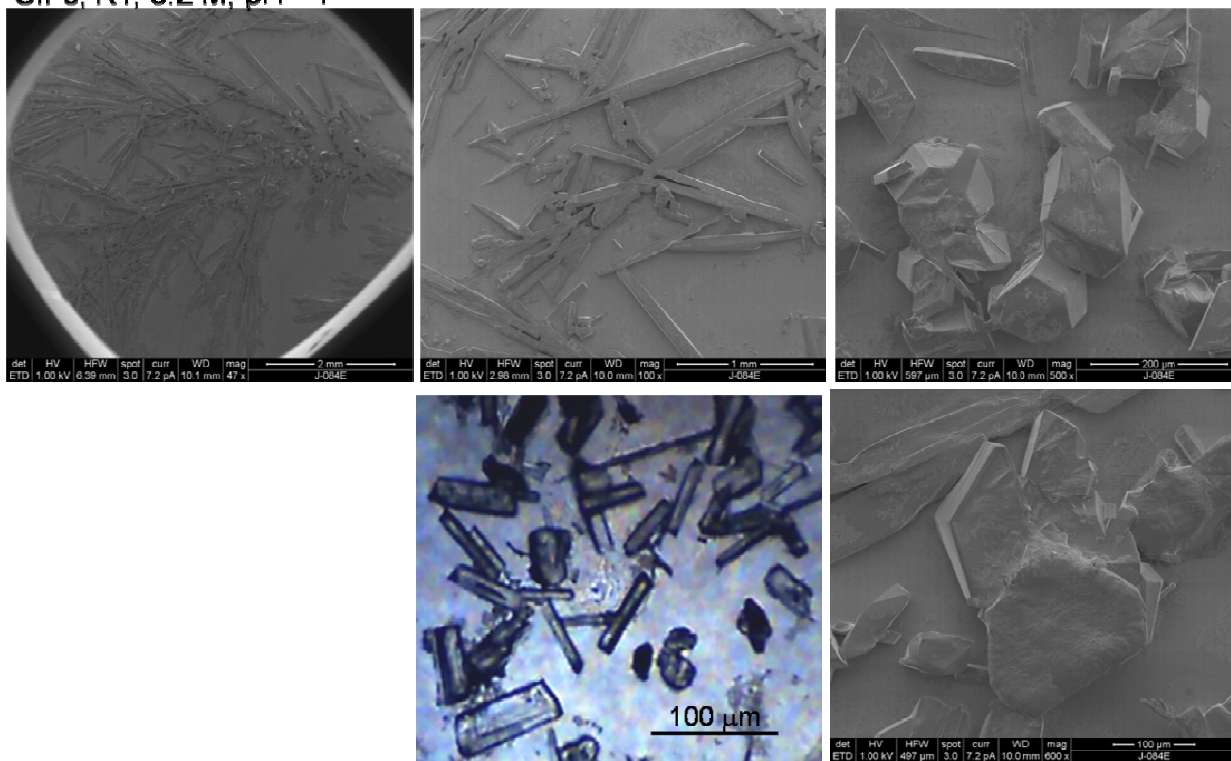
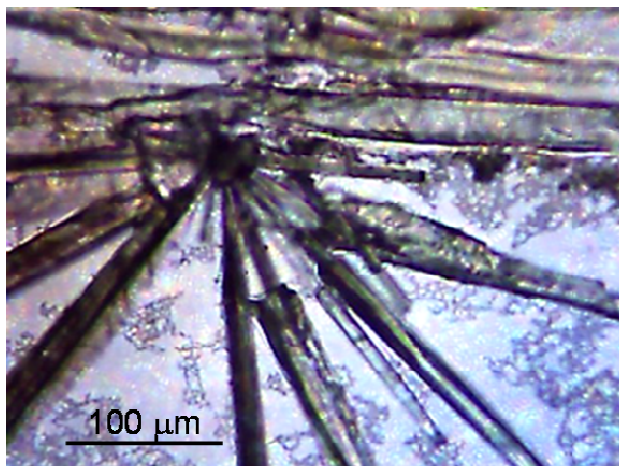
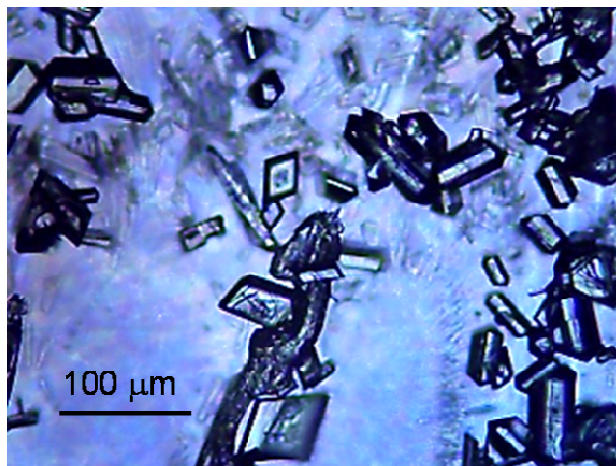


Figure S5. SEM and optical images of glycine crystals grown from 3.2 M pH= 4 aqueous glycine solution on SIFs at room temperature (RT).

SIFs, RT, 1.6 M, pH= 4



SIFs, RT, 1.6 M, pH= 6



SIFs, RT, 1.6 M, pH= 9

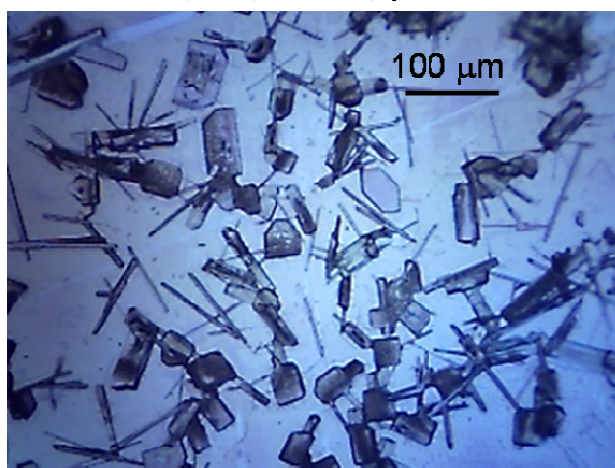


Figure S6. Optical microscope images of glycine crystals grown from various aqueous glycine solutions on SIFs at room temperature (RT).

SIFs, MW, 3.2 M, pH= 4

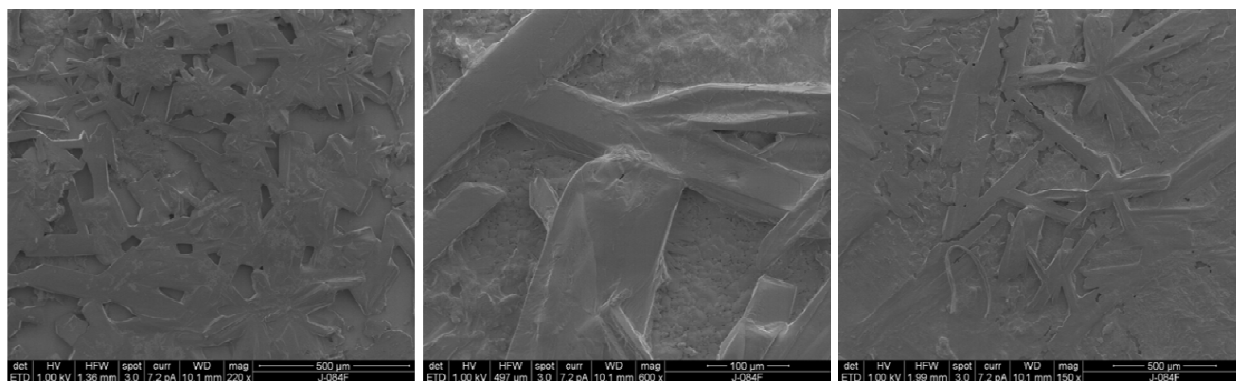


Figure S7. SEM images of glycine crystals grown from 3.2M pH=4 aqueous glycine solution on SIFs using microwave heating (MW).

SIFs, MW, 3.2 M, pH= 6

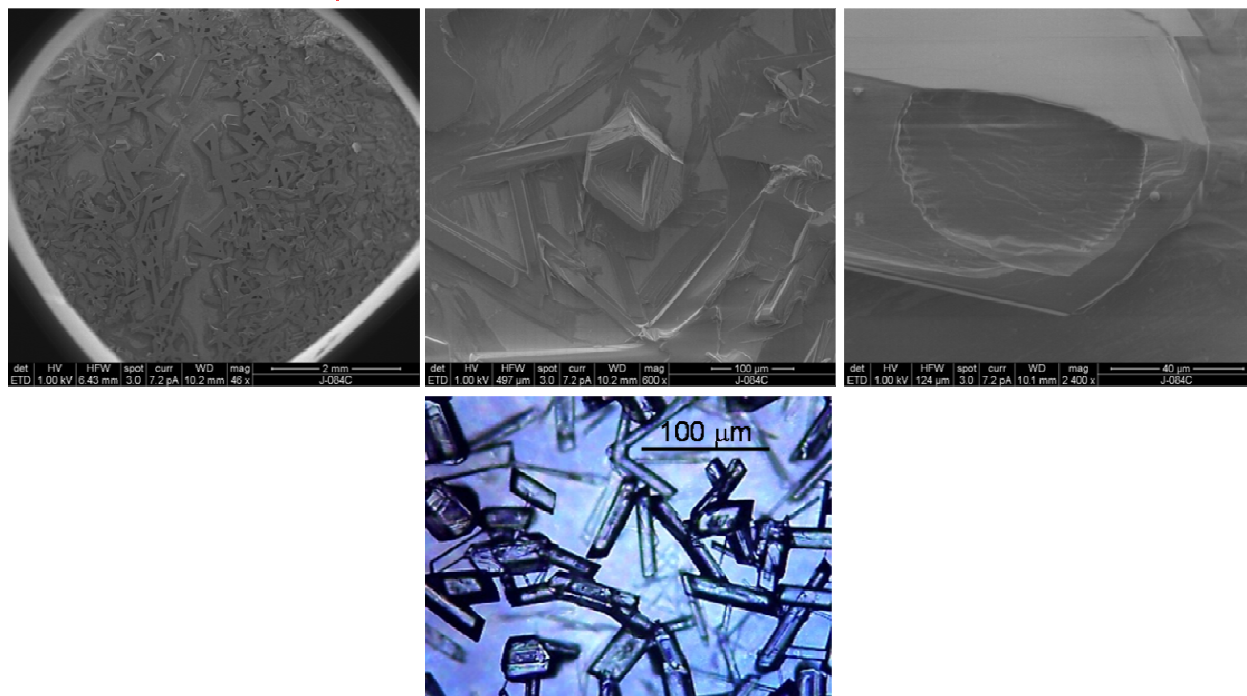
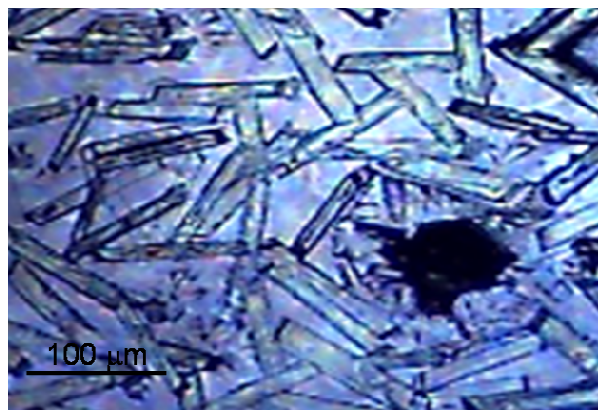


Figure S8. SEM and optical images of glycine crystals grown from 3.2M pH=6 aqueous glycine solution on SIFs using microwave heating (MW).

SIFs, MW, 1.6 M, pH= 6



SIFs, MW, 4 M, pH= 9

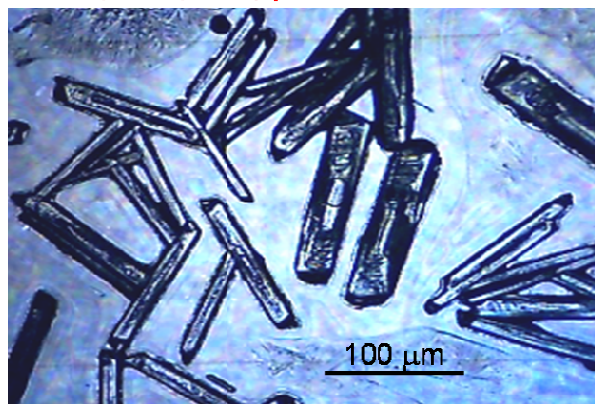


Figure S9. Optical microscope images of glycine crystals grown from various aqueous glycine solutions on SIFs using microwave heating (MW).