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Sommario/riassunto	A new immobilization method for the localized adsorption of proteins on thermoplastic surfaces is introduced. Artificial three-phase interfaces were realized by surface structuring to control the wetting behavior which lead to a preferred adsorption in these modified areas. Additionally, different fabrication methods were analyzed to determine mass fabrication capabilities. These fabrication methods also allowed the production of fully structured microchannels to tune the fluids behavior within.