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Preclinical human models and emerging therapeutics for advanced  
systemic mastocytosis

Michel Arock, Ghaith Wedeh, Gregor Hoermann, Siham Bibi, Cem Akin, Barbara Peter, Karoline V. Gleixner, Karin Hartmann, Joseph H. Butterfield, Dean D. Metcalfe, and Peter Valent

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Contributions: MA and PV wrote the manuscript. BP and KVG designed and conducted the in vitro experiments with KIT-tyrosine kinase inhibitors and analyzed the data. SB and GW designed and conducted the in vitro experiments with STAT inhibitors and analyzed the data. SB designed and conducted the in vivo experiments and analyzed the data. CA, JHB, GH, KH, and DDM provided essential information on human mast cell lines and revised the manuscript. All co-authors approved the submission of the manuscript in its final form.