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Pancreatic Pre-malignant Lesions Secrete TIMP1, Which Activates Hepatic Stellate Cells Via CD63 Signaling to Create a Pre-Metastatic Niche in the Liver

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Short title: Pre-malignancy-induced HSC activation by TIMP-1

Barbara Grünwald¹, Veronika Harant¹, Susanne Schaten¹, Monika Frühschütz¹, Ria Spallek¹, Bastian Höchst¹, Katharina Stutzer¹, Sonja Berchtold¹, Mert Erkan^{2,7}, Olga Prokopchuk², Marc Martignoni², Irene Esposito^{3,8}, Mathias Heikenwalder^{4,9}, Aayush Gupta⁵, Jens Siveke^{5,10}, Paul Saftig⁶, Percy Knolle¹, Dirk Wohlleber¹, and Achim Krüger^{1,#}

¹Institut für Molekulare Immunologie und Experimentelle Onkologie, ²Chirurgische Klinik, and ³Institut für Pathologie, Klinikum rechts der Isar, Technische Universität München, München 81675; ⁴Institut für Virologie, Technische Universität München, München 81675; ⁵II.Medizinische Klinik und Poliklinik, Klinikum rechts der Isar, Technische Universität München, München 81675; ⁶Institut für Biochemie, Christian-Albrechts-Universität zu Kiel, Kiel 24118; Germany. ⁷current address: Department of Surgery, Koc University School of Medicine, Istanbul 34010, Turkey. ⁸current address: Institute of Pathology, Heinrich-Heine-University Düsseldorf, Düsseldorf 40225, Germany. ⁹current address: Division of Chronic Inflammation and Cancer, German Cancer Research Center (DKFZ), Heidelberg 69121, Germany. ¹⁰current address: Division of Translational Solid Tumor Oncology, German Cancer Consortium (DKTK), partner site Essen and German Cancer Research Center (DKFZ), Heidelberg 69121, Germany.

Corresponding author

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