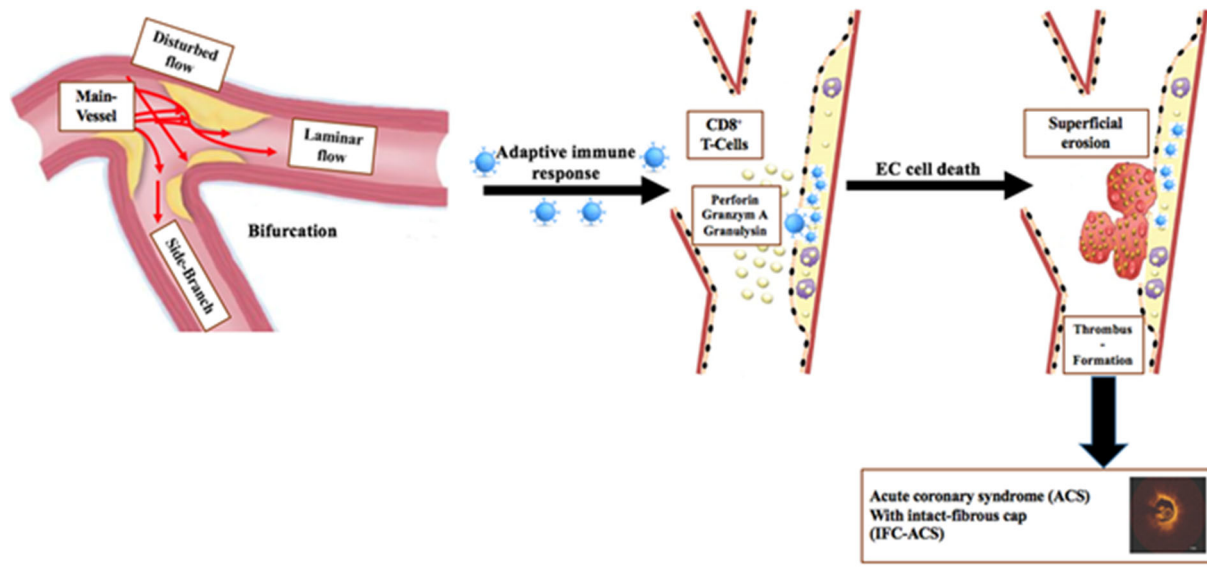


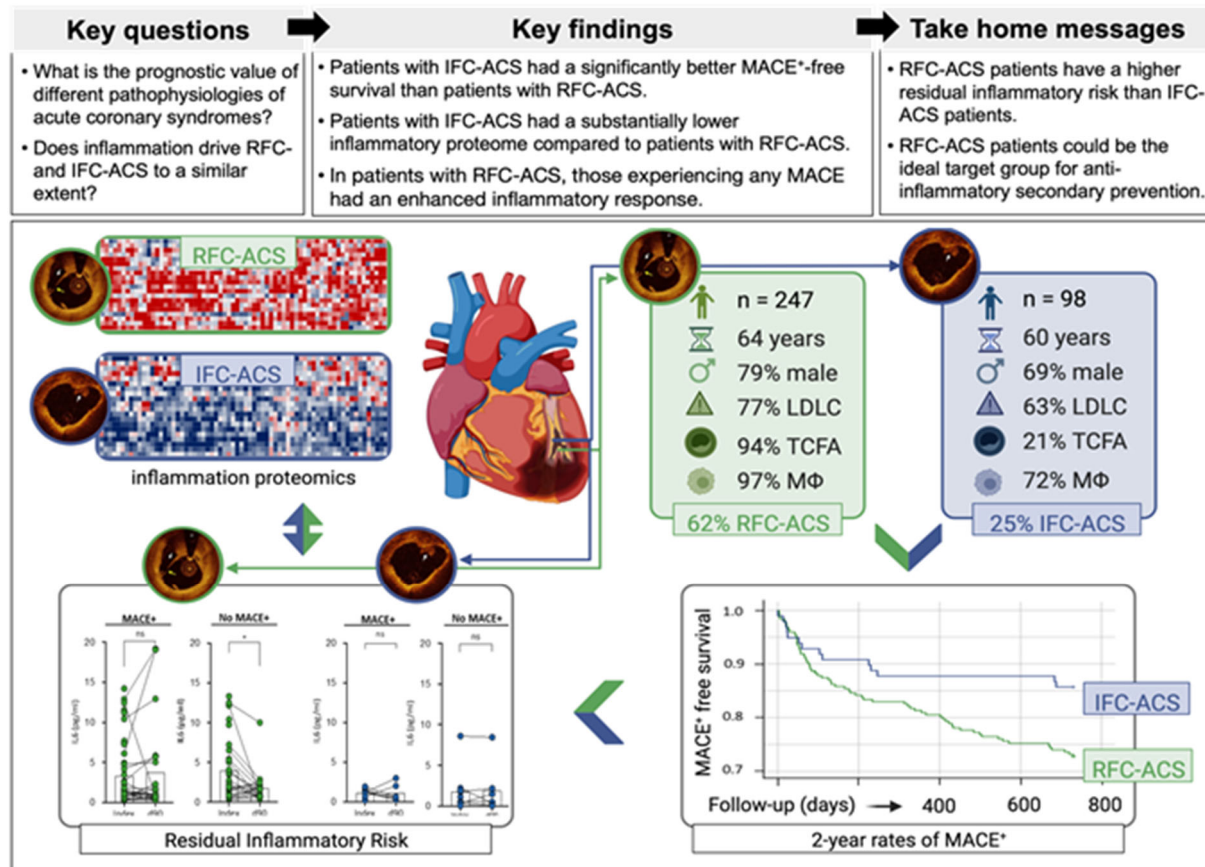
AG Landmesser: Detailergebnisse zum Schwerpunkt „Pathophysiologie des Akuten Koronarsyndroms“

Lokale Anreicherung von T-Zellen bei der Plaque-Erosion



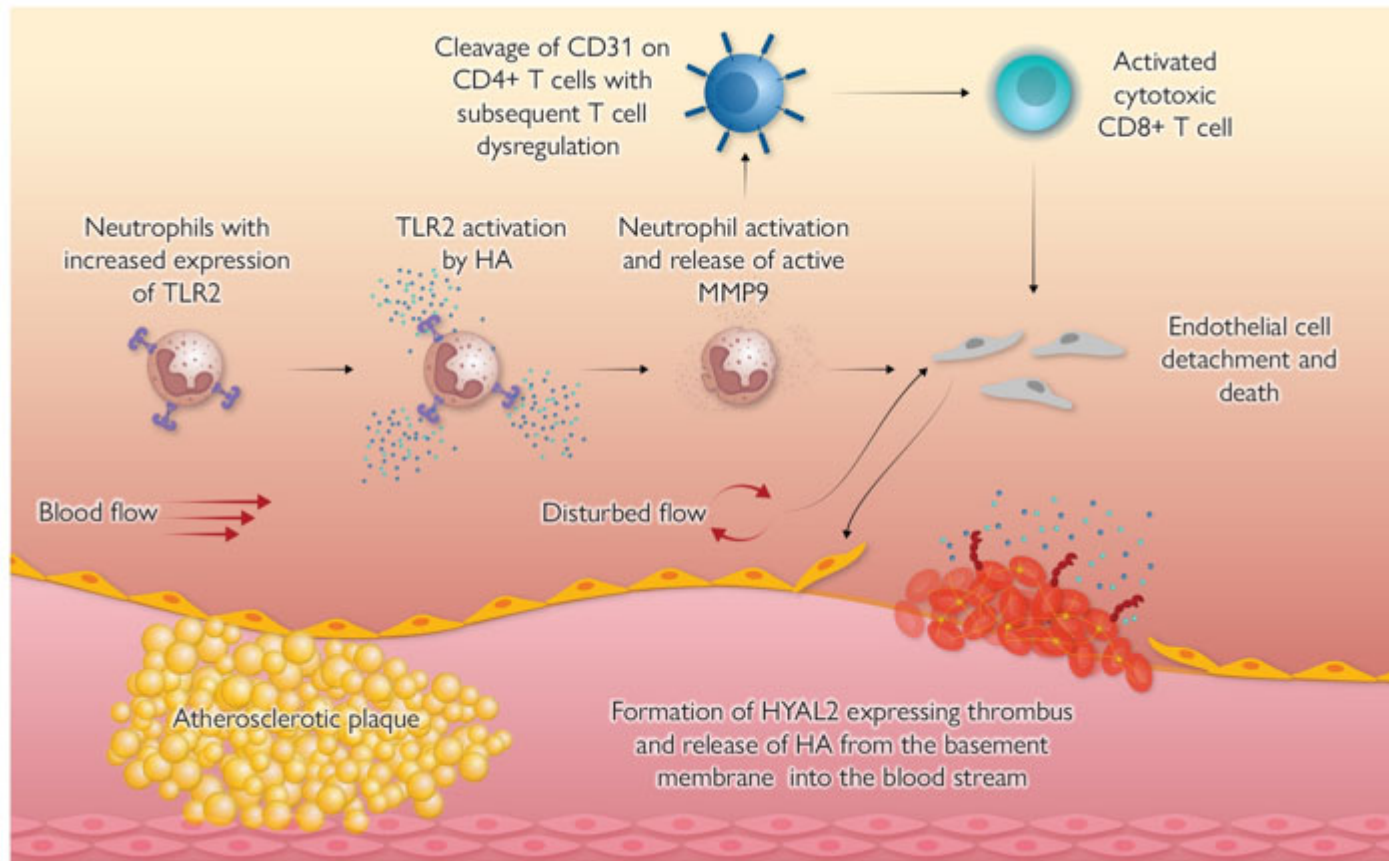
Quelle: David M Leistner, Nicolle Kränkel, Denitsa Meteva, Youssef S Abdelwahed, Claudio Seppelt, Barbara E Stähli, Himanshu Rai, Carsten Skurk, Alexander Lauten, Hans-Christian Mochmann, Georg Fröhlich, Ursula Rauch-Kröhnert, Eduardo Flores, Matthias Riedel, Lara Sieronski, Sylvia Kia, Elisabeth Strässler, Arash Haghikia, Fabian Dirks, Julia K Steiner, Dominik N Mueller, Hans-Dieter Volk, Jens Klotsche, Michael Joner, Peter Libby, **Ulf Landmesser**, Differential immunological signature at the culprit site distinguishes acute coronary syndrome with intact from acute coronary syndrome with ruptured fibrous cap: results from the prospective translational OPTICO-ACS study, *European Heart Journal*, Volume 41, Issue 37, 1 October 2020, Pages 3549–3560, <https://doi.org/10.1093/eurheartj/ehaa703>

Patient:innen mit Plaque-Erosion haben eine bessere klinische Prognose als Patient:innen mit Plaque-Ruptur



Quelle: Teresa Gerhardt, Claudio Seppelt, Youssef S Abdelwahed, Denitsa Meteva, Christopher Wolfram, Philip Stapmanns, Aslihan Erbay, Lukas Zanders, Gregor Nelles, Johanna Musfeld, Lara Sieronski, Barbara E Stähli, Rocco A Montone, Rocco Vergallo, Arash Haghikia, Carsten Skurk, Fabian Knebel, Henryk Dreger, Tobias D Trippel, Himanshu Rai, Michael Joner, Jens Klotsche, Peter Libby, Filippo Crea, Nicolle Kränkel, **Ulf Landmesser**, David M Leistner, for the OPTICO-ACS study group, Culprit plaque morphology determines inflammatory risk and clinical outcomes in acute coronary syndrome, European Heart Journal, Volume 44, Issue 38, 7 October 2023, Pages 3911–3925

Spezifische Neutrophilen-Aktivierung in Patient:innen mit Plaque-Erosion



Quelle: Denitsa Meteva, Ramona Vinci, Claudio Seppelt, Youssef S Abdelwahed, Daniela Pedicino, Gregor Nelles, Carsten Skurk, Arash Haghikia, Ursula Rauch-Kröhnert, Teresa Gerhardt, Elisabeth Straessler, Yingjie Zhao, Felix Golla, Michael Joner, Himanshu Rai, Adelheid Kratzer, Hector Giral Arnal, Giovanna Liuzzo, Jens Klotsche, Filippo Crea, **Ulf Landmesser**, David M Leistner, Nicolle Kränkel, Toll-like receptor 2, hyaluronan, and neutrophils play a key role in plaque erosion: the OPTICO-ACS study, European Heart Journal, Volume 44, Issue 38, 7 October 2023, Pages 3892–3907, <https://doi.org/10.1093/eurheartj/ehad379>