

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Helen M Baron MD		POSITION TITLE Associate Director, Clinical Development	
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Münster, Münster, Germany	MD	2000	Medicine
University of Münster, Münster, Germany		2001-02	Internal Medicine/Cardiology
Columbia University, New York, NY		2002-04	Postdoct Fellow Molecular Cardiol.

A. Positions and Honors.

2001-2002 Residency
 2002-2004 Postdoctoral Research Fellow, Molecular Cardiology/Heart Failure, Columbia University, NY, NY
 2002-2004 Eli Lilly Postdoctoral Research Fellow
 2004- Associate Director, Clinical Development, XDx, South San Francisco, CA

B. Selected peer-reviewed publications (in chronological order).

1. Dorszewski A, **Baron H**, Deng M, Plenz G: Expression von Tumor Necrosis Faktor- α und Interleukin-6 in stenotischen Läsionen cholesterinreich gefütterter Kaninchen. Z Kardiol. 1999;88 Suppl 1:162
2. Dorszewski A, **Baron H**, Plenz G: Änderung der Fibronectin- und Kollagen I-mRNA-Verteilung und TGF β -1-sowie bFGF- mRNA-Expression nach Ballontrauma. Z Kardiol. 1999;88 Suppl 1:115
3. **Baron H**, Dorszewski A, Robenek H, Breithardt G, Deng MC, Plenz G: Chronic activation of proinflammatory cytokines in restenosis. Basic Res Cardiol. 2001; 96 Suppl 1: I/13
4. **Baron H**, Plenz G, Deng MC.: Mechanisms of transplant vasculopathy. Dtsch Med Wochenschr. 2004 Oct 8;129(41):2193-7
5. Evans RW, Williams GE, **Baron HM**, Deng MC, Eisen HJ, Hunt SA, Khan MM, Kobashigawa JA, Marton EN, Mehra MR, Mital SR: The economic implications of noninvasive molecular testing for cardiac allograft rejection. Am J Transplant. 2005 Jun;5(6):1553-8.
6. Marboe CC, Billingham M, Eisen H, Deng MC, **Baron H**, Mehra M, Hunt S, Wohlgemuth J, Mahmood I, Prentice J, Berry G.: Nodular endocardial infiltrates (Quilty lesions) cause significant variability in diagnosis of ISHLT Grade 2 and 3A rejection in cardiac allograft recipients. J Heart Lung Transplant. 2005 Jul;24(7 Suppl):S219-26.
7. Asai T., **Baron H**, Prinz von Bayern M, Sakaguchi T, Arrecubieta C, Cespedes C, Lee M, Lowy F, Marboe C, Deng M, Naka Y: A mouse aortic patch model for mechanical circulatory support. J Heart Lung Transplant. 2005 Aug;24(8):1129-32.
8. Deng MC, Eisen HJ, Mehra RM, Billingham M, Marboe CC, Berry G, Kobashigawa J, Johnson FL, Starling RC, Murali S, Pauly DF, **Baron H**, Wohlgemuth JG, Woodward RN, Klingler TM, Walther D, Lal PG, Rosenberg S, Hunt SA, for the CARGO Investigators. Non-invasive detection of rejection in cardiac allograft recipients using gene expression profiling. Am J Transplant (Accepted for publication)
9. Deng MC, Cadeiras M, **Baron HM**, Marboe, CC, Starling RC, Eisen H, Valantine H, Hunt SA, Kobashigawa J, Mehra M, Pauly DF, Murali S, Mital S, Berry G, Billingham M, Wohlgemuth J, Dedrick R. Early Detection of Cardiac Allograft Vasculopathy Through Gene Expression Profiling - Insights of the CARGO Study (In press).

C. Research Support. .

Eli Lilly Postdoctoral Research Fellowship Grant

Role Principal Investigator

Period 4/01/2002-3/31/2004

Summary Role of Glycoprotein 130 in Early Remodeling after Myocardial Infarction. The major goal of the current training grant is to establish the basis for an independent scientific approach in the context of the investigations of the role of the IL6/gp130 system of cardiac cytoprotective cytokines in a murine model of volume overload following myocardial infarction under the supervision of Mario C. Deng, M.D. This included optimizing the techniques of mouse coronary artery ligation, invasive (Millar catheter) and noninvasive (echocardiography) hemodynamic measurements as well as optimizing the techniques in molecular and protein biology.