

# **Sex specific prognostic effect of CD66b-positive Tumor-infiltrating neutrophils (TANs) in gastric and esophageal adenocarcinoma**

## **Gastric Cancer**

Alexander Quaas<sup>2#</sup>, Aylin Pamuk<sup>1#</sup>, Sebastian Klein<sup>2</sup>, Jennifer Quantius<sup>2</sup>, Jan Rehkaemper<sup>2</sup>, Atakan G. Barutcu<sup>1</sup>, Josef Rueschoff<sup>4</sup>, Thomas Zander<sup>3</sup>, Florian Gebauer<sup>1</sup>, Axel Hillmer<sup>2</sup>, Reinhard Buettner<sup>2</sup>, Wolfgang Schroeder<sup>1</sup>, Christiane J. Bruns<sup>1</sup>, Heike Löser<sup>2</sup>, Birgid Schoemig-Markiefka<sup>2#</sup> and Hakan Alakus<sup>1#</sup>

1 Department of General, Visceral, Cancer and Transplantation Surgery, University Hospital Cologne, Cologne (Germany)

2 Institute of Pathology, University Hospital Cologne, Cologne (Germany)

3 University of Cologne, Department I of Internal Medicine, Center for Integrated Oncology Aachen Bonn Cologne Duesseldorf; Gastrointestinal Cancer Group Cologne GCGC

4 Institute of Pathology, Nordhessen and Targos Molecular Pathology GmbH, Kassel, (Germany)

# contributed equally to the work

## **Correspondence to**

PD Dr med Hakan Alakus

Department of General, Visceral, Cancer and Transplantation Surgery

University Hospital Cologne

Kerpener Str. 62

50937 Cologne, Germany

E-Mail: hakan.alakus@uk-koeln.de

Phone: +49 0221 478-4803

Fax: +49 0221 478-6258

## Online Resource 2 Correlation co-efficient in TAN-rich gastric carcinoma

			TAN rich (>50. percentiles)	(y)pN-Category
Spearman-Rho	TAN rich (> 50. percentiles)	correlation co-efficient	1,000	-,141**
		Sig. (2-sided)	.	,003
		N	556	439
	(y)pN-Category	correlation co-efficient	-,141**	1,000
		Sig. (2-sided)	,003	.
		N	439	439

\*\* . The correlation is significant at the 0,01 level (two-sided).