Press release

ThromboGenics announces publication in *The Journal of Medicinal Chemistry* of preclinical data supporting therapeutic potential of THR-149, a plasma kallikrein inhibitor, in Diabetic Macula Edema

Leuven, Belgium, 6 April 2018 – ThromboGenics nv (Euronext Brussels: THR), a biotechnology company developing novel medicines for diabetic eye disease, today announces that positive preclinical data on plasma kallikrein (PKal) inhibitors in diabetic macular edema (DME) have been published in *The Journal of Medicinal Chemistry.*

ThromboGenics has identified highly selective bicyclic peptide inhibitors of PKal, which were chemically modified to optimize for potency and stability. These novel PKal inhibitors were generated using Bicycle Therapeutics' Bicycles® technology platform. The positive outcomes of PKal inhibitors on tissue edema, studied in a paw swelling model and in a preclinical diabetic retinopathy (DR) disease model (streptozotocin-induced vascular leakage into the retina), supports their development as possible treatments for DME and DR via a VEGF-independent mechanism.

The preclinical study confirmed that the bicyclic peptides have nanomolar to picomolar potencies, are stable in biological matrices and reported prolonged retention in the eye together with *in vivo* efficacy in diabetic models of retinal vascular permeability.

The article '*Stable and Long-Lasting, Novel Bicyclic Peptide Plasma Kallikrein Inhibitors for the Treatment of Diabetic Macular Edema'* can be consulted online here.

Jean Feyen, PhD, CSO of ThromboGenics nv comments*: "We are pleased that our cutting-edge research has been published in the prestigious* Journal of Medicinal Chemistry*. These preclinical data further validate the science and potential of PKal inhibitor THR-149 in addressing edema as a key disease hallmark of DR, ahead of its planned entry into the clinic this year."*

ThromboGenics is on track to start a Phase I study evaluating THR-149 for DME in H1 2018.

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For further information please contact:

ThromboGenics	Citigate Dewe Rogerson
Wouter Piepers, Global Head of Corp Coms & Investor relations +32 16 75 13 10 / +32 478 33 56 32 wouter.piepers@thrombogenics.com	David Dible/ Sylvie Berrebi/ Isabelle Andrews Tel: +44 20 7638 9571 thrombogenics@citigatedewerogerson.com

About ThromboGenics

ThromboGenics is a biopharmaceutical company focused on developing innovative treatments for eye disease, with a focus on diabetic eye disease. The company's pipeline of disease modifying drug candidates is targeting the key segments of the diabetic eye disease market.

ThromboGenics' is developing THR-317, a PLGF inhibitor, for the treatment of diabetic macular edema and plans to initiate a Phase II clinical study by Q2 2018. ThromboGenics' late pre-clinical pipeline consists of THR-149, a plasma kallikrein inhibitor, and THR-687, an integrin antagonist. THR-149 is expected to enter the clinic in H1 2018 and THR-687 around mid-2018. Further new drug candidates are currently being progressed for the treatment of diabetic eye disease and one of these is expected to enter development in 2018.

ThromboGenics owns the global rights to JETREA® (ocriplasmin), the only pharmacological vitreolysis drug approved for the treatment of symptomatic vitreomacular adhesion (in the US) and vitreomacular traction (in Europe and elsewhere).

ThromboGenics is headquartered in Leuven, Belgium, and is listed on the NYSE Euronext Brussels exchange under the symbol THR. More information is available at www.thrombogenics.com

Important information about forward-looking statements

Certain statements in this press release may be considered "forward-looking". Such forward-looking statements are based on current expectations, and, accordingly, entail and are influenced by various risks and uncertainties. The Company therefore cannot provide any assurance that such forward-looking statements will materialize and does not assume an obligation to update or revise any forward-looking statement, whether as a result of new information, future events or any other reason. Additional information concerning risks and uncertainties affecting the business and other factors that could cause actual results to differ materially from any forward-looking statement is contained in the Company's Annual Report.

This press release does not constitute an offer or invitation for the sale or purchase of securities or assets of ThromboGenics in any jurisdiction. No securities of ThromboGenics may be offered or sold within the United States without registration under the U.S. Securities Act of 1933, as amended, or in compliance with an exemption therefrom, and in accordance with any applicable U.S. state securities laws.