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da Silva Gonçalves Bós D, Van Der Bruggen CEE, **Kurakula K,** Sun XQ, Casali KR, Casali AG, Rol N, Szulcek R, Dos Remedios C, Guignabert C, Tu L, Dorfmüller P, Humbert M, Wijnker PJM, Kuster DWD, van der Velden J, **Goumans MJ**, **Bogaard HJ**, Vonk-Noordegraaf A, de Man FS, Handoko ML. Contribution of Impaired Parasympathetic Activity to Right Ventricular Dysfunction and Pulmonary Vascular Remodeling in Pulmonary Arterial Hypertension. Circulation. 2018;137:910-924.

Rol N, Happé C, Beliën JAM, de Man FS, Westerhof N, Vonk-Noordegraaf A, Grünberg K, **Bogaard HJ**. Vascular remodelling in the pulmonary circulation after major lung resection. Eur Respir J. 2017;50.

van de Pol V, **Kurakula K**, DeRuiter MC, **Goumans MJ**. Thoracic Aortic Aneurysm Development in Patients with Bicuspid Aortic Valve: What Is the Role of Endothelial Cells?. Front Physiol. 2017 Nov 30;8:938

Hadinnapola C, Bleda M, Haimel M, Screaton N, Swift A, Dorfmüller P, Preston SD, Southwood M, Hernandez-Sanchez J, Martin J, Treacy C, Yates K, **Bogaard H**, Church C, Coghlan G, Condliffe R, Corris PA, Gibbs S, Girerd B, Holden S, Humbert M, Kiely DG, Lawrie A, Machado R, MacKenzie Ross R, Moledina S, Montani D, Newnham M, Peacock A, Pepke-Zaba J, Rayner-Matthews P, Shamardina O, Soubrier F, Southgate L, Suntharalingam J, Toshner M, Trembath R, Vonk Noordegraaf A, Wilkins MR, Wort SJ, Wharton J; NIHR BioResource–Rare Diseases Consortium; UK National Cohort Study of Idiopathic and Heritable PAH, Gräf S, Morrell NW. Phenotypic Characterization of EIF2AK4 Mutation Carriers in a Large Cohort of Patients Diagnosed Clinically With Pulmonary Arterial Hypertension. Circulation.21;136:2022-2033

van Duin RWB, Stam K, Cai Z, Uitterdijk A, Garcia-Alvarez A, Ibanez B, Danser AHJ, Reiss IKM, Duncker DJ & **Merkus D**. (2018b). Transition from post-capillary pulmonary hypertension to combined pre- and post-capillary pulmonary hypertension in swine: a key role for endothelin. The Journal of physiology.

**van der Feen DE**, **Bartelds B**, de Boer RA, **Berger RMF**. Assessment of reversibility in pulmonary arterial hypertension and congenital heart disease. *Heart* 2018;doi:10.1136/heartjnl-2018-314025.

**M.C. Gomez-Puerto**, P.V Iyengar, A Garcia de Vinuesa**, P ten Dijke** and **G Sánchez-Duffhues**. Bone morphogenetic protein receptor signal transduction in human diseases: Role of BMPRs in human diseases. J Pathol (2018).  247(1), 9–20. <http://doi.org/10.1002/path.5170>

**van der Feen DE, Berger RMF, Bartelds B**. Converging paths of cellular senescence and pulmonary arterial hypertension.(minor revisions Am J Resp Cell Mol Biol)

**Diederik E van der Feen**; Guido PL Bossers; Quint AJ Hagdorn; Lysanne M Jorna; Jan-Reinier Moonen; James Chappell; Francesco Vallania; Michele Donato; Klaas Kok; Jaskaren S Kohli; **Konda Babu Kurakula**; Arjen H Petersen; Tom van Leusden; Marco Demaria; **Marie-José TH Gouman**s; Rudolf A De Boer; Purvesh Khatri; Marlene Rabinovitch; **Rolf MF Berge**r; **Beatrijs Bartelds**. Cellular senescence impairs the reversibility of pulmonary arterial hypertension. (under review Sci Transl Med).

 **Diederik E Van der Feen; Kondababu Kurakula**; Eve Tremblay; Olivier Boucherat; Guido PL Bossers; Alice Bourgeois; Marie-Claude Lampron; Karima Habbout; Sandra Martineau; Roxane Paulin; Ewelina Kulikowski; Ravi Jahagirdar; Ingrid Schalij. Harm Jan Bogaard; **Beatrijs Bartelds**; Steeve Provencher; **Rolf MF Berger**; Sébastien Bonnet; **Marie-José Goumans**. Multicenter preclinical validation of BET inhibition for the treatment of pulmonary arterial hypertension. (under review Am J Resp Crit Care Med).

**Kurakula K**, Koenis DS, Herzik MA Jr., Liu Y, Craft JW Jr., van Loenen PB, Vos M, Tran MK, Versteeg HH, **Goumans MTH**, Ruf W, de Vries CJM, Şen M. Structural and cellular mechanisms of peptidyl-prolyl isomerase Pin1-mediated enhancement of Tissue Factor gene expression, protein half-life, and pro-coagulant activity. Haematologica. 2018 Mar 15. pii: haematol.2017.183087.

Man, S., **Sánchez-Duffhues, G., Dijke, Ten, P.,** & Baker, D. (2018). The therapeutic potential of targeting the endothelial-to-mesenchymal transition. Angiogenesis, 119(6), 1438. <http://doi.org/10.1007/s10456-018-9639-0>

**Sánchez-Duffhues G,** Amaya García de Vinuesa, Vera van de Pol, Marlieke E. Geerts, Margreet R. de Vries, Stef G. T. Janson, Hans van Dam, Jan Lindeman, **Marie-José Goumans, Dijke Ten, P.** Inflammation induces Endothelial-to-mesenchymal transition and promotes vascular calcification through down-regulation of BMPR2. The Journal of Pathology, (2018). Accepted for publication.

**7. Non-scientific publications**

Cicero (20123, Nummer 2) by Leids Universitair Medisch Centrum. Grote Subsidies voor veelbelovend onderzoek hart en vaatziekten (pag 29-30)

Pulmo Script, Officieel orgaan van de NVALT, Jaargang 24, NR. 3 september 2013, Phaedra: Samenwerkingsverband op gebied van PH onderzoek krijgt ongekend hoge subsidie, P37

1. **Other output**

2018 Bogaard featured in the movie “De langste adem”, a documentary that depicts the unique drive of doctors involved in the care for patients with pulmonary hypertension

2018 Interview Bogaard in “De papillon”: quarterly magazine of Dutch Chapter of Pulmonary Hypertension Association

2018 Keynote lecture Bogaard at Pulmonary Hypertension Association Annual Meeting, Orlando, Florida

2018 Kurakula Longwijzer Magazine (interview 2018)

2018 Kurakula Longfonds.nl (video interview 2018)

2018 FCVB meeting Vienna (video interview 2018)

2018 NWO VIDI interview Frances de Man

https://www.youtube.com/watch?v=k35I54MkWOA

2016 Interview with Bogaard Reformatorisch Dagblad: Application of Balloon pulmonary angioplasty for chronic thromboembolic pulmonary hypertension

In June of 2015, a sponsorship event was held in Zaandam: “Heb hart voor longen”, which is a 24-hour fundraising event organized by the Dutch PH patient association and supported by the VU University Medical Center PH Center of Excellence.

In cooperation with “The Stichting Hartekind” a sponsorship event “Skate marathon Weissenssee” has been organized in order to collect funds for the Project “Pulmonary hypertension and RV failure in children with Congenital Heart Diseases” of the Center for Congenital Heart Disease, National Referral Center for Pulmonary Hypertension in Childhood, UMCG Groningen.

PH research and lung transplantation did get attention of the “LINDA” with an online interview of one of the patients of the VuMC http://www.lindanieuws.nl/nieuws/verhaalvaneenvrouw/cher-30-klaar-voor-longtransplantatie-het-is-tijd-voor-cher-2-0/

**9. Presentations/lectures/Posters**

*Harm Jan Bogaard*

* Lung Amsterdam 2018 (Amsterdam, October 18th): “Diagnosis and treatment of pulmonary arterial hypertension”
* Right ventricular Summit at the Royal College of Physicians 2018 (London, UK, October 11th): “How can molecular biology be used to guide treatment of right ventricular failure?”
* European Respiratory Society 2018 (Paris, France, September 16th): “Right ventricular function and pulmonary hemodynamics”
* Pulmonary Hypertension Association Annual Meeting 2018 (Orlando, FA, June 29th): “Novel therapies targeting the right ventricle”.
* American Thoracic Society 2018 (San Francisco, CA, May 20th): “Capillary loss drives Right Ventricular Failure in Pulmonary Arterial Hypertension”.
* Annual Meeting of the Chinese Medical Association 2018 (Guyang, China, April 14th). Keynote lecture: “Pulmonary hypertension and right heart failure”.
* Sixth theoretical and practical course on applications and development of cardiopulmonary exercise testing and stress echocardiography 2018 (Milan, Italy, April 6th): “Right ventricular-arterial coupling”.
* Sixth theoretical and practical course on applications and development of cardiopulmonary exercise testing and stress echocardiography 2018 (Milan, Italy, April 6th): “Imaging of the right heart at rest and during exercise”.
* Bronkhorst Colloquium 2018.” (Blankenberge, Belgium, February 9th): Keynote lecture: “Pulmonary Hypertension
* European Pediatric Cardiology 2017 meeting (Groningen, the Netherlands, October 13th. “Use of liquid biopsy in PAH”
* University of Giessen, Pulmonary Hypertension center of excellence (Giessen, Germany, October 10th 2017) “Precision Medicine in PAH”
* Oral presentation at University of Minnesota, dept of Cardiology Grand Rounds (Minneapolis, USA, May 26th): “The long road towards precision medicine in pulmonary hypertension”
* Oral presentation at American Thoracic Society 2017 (Washington DC): “Pure Adrenaline: Role for Targeting the Sympathetic Nervous System in RV Failure? “
* Oral presentation at Virginia Commonwealth University, Wright Center Clinical and Translational Research Seminar (Richmond, USA, May 20th 2017): “Right ventricular pulmonary artery interaction in left-sided heart failure”
* Oral presentation at Pulmonary Vascular Research Institute (Miami, USA, January 27th 2017): “RV failure in PAH is initiated by RV ischemia – Pro”
* Oral presentation American Thoracic Society 2016 (San Francisco): Clinical Year in Review: Pulmonary Circulation
* Oral presentation 3rd Scientific Seminar on pulmonary hypertension: Connecting expertise in a rare disease in 2015 (Lund, December 11th 2015): “Pathophysiology and Pathogenesis of Pulmonary Arterial Hypertension”
* Oral presentation AHA 2015 (Orlando): “Go with the Flow in Pulmonary Hypertension”
* Oral presentation AHA 2015 (Orlando): “Tomorrow's therapy for right ventricular failure in PAH”
* Oral presentation AHA 2015 (Orlando): “RV Failure: Late Arrival for an Important Player”
* Oral presentation AHA 2014 (Chicago): “Targeted Right-Heart Therapy in PAH: Role for Beta-Blockade, Metabolic Modulation and Pacing”
* Oral presentation Rembrandt Symposium 2014 (Noordwijkerhout): “Go with the flow in Pulmonary Hypertension”

*G Nieuw Amerongen (VuMC, Amsterdam)*

* Oral presentation at LeDucq meeting on BMP signaling in cardiovascular diseasesTGFβ/BMP signaling in pulmonary endothelial cells from PAH patients. Jan 14-15, 2015, Leiden, Netherlands

*FS de Man (VuMC, Amsterdam)*

* Oral presentation at the National Institute of Health (NIH/NHLBI) RV workshop 2017, Bethesda, Maryland: “Molecular profiling of RV cardiomyocyte systolic and diastolic function”.
* Oral presentation at the annual meeting of the American Thoracic Society 2017, Washington, DC. “To the heart of the matter, could pluripotent stem cells be used to model right heart failure?”
* Oral presentation at the annual meeting of the American Thoracic Society 2017, Washington, DC. “Neurohormonal regulation in pulmonary hypertension.”
* Oral presentation at the annual meeting of the American Thoracic Society 2016, San Francisco, CA. “Relax! RV and LV diastology in pulmonary hypertension.”
* Oral presentation at the Alfred P. Fishman Symposium 2016: Exercise in the Diagnosis, Assessment and Treatment of Pulmonary Hypertension. University of Pennsylvania, Philadelphia, PA: “Bring in the (striated) muscle: the heart, diaphragm and periphery in pulmonary arterial hypertension.”
* Oral presentation at the annual meeting of the American Heart Association 2015, Orlando, FL: “Skeletal muscle abnormalities and exercise impairment in PAH.”
* Oral presentation at the annual meeting of the American Heart Association 2015, Orlando, FL: “Role of Oxidative Stress in the Pathogenesis of Pulmonary Hypertension.”
* Oral presentation at the Annual meeting of the American Heart Association 2014, Chicago, IL: “Altered skeletal muscle function in pulmonary hypertension.”
* Oral presentation at the Annual meeting of the American Heart Association 2014, Chicago, IL: “RV functional impairment and renin-angiotensin activation in pulmonary hypertension.”
* Oral presentation at the Dutch German Joint Meeting on Molecular Cardiology 2014, Groningen, The Netherlands: “Right heart failure in pulmonary arterial hypertension.”

*N Rol (VuMC, Amsterdam)*

* Oral presentation at Thalys meeting (Pulmonary Hypertension Consortium) (2014), Paris, France. Effects of major lung resection om pulmonary vascular remodeling.
* Oral presentation at Cardiovascular Conference in the MiVaB session (2014), Ermelo, the Netherlands. Effects of major lung resection om pulmonary vascular remodeling
* Oral presentation at Thalys Beukenhof Fall Meeting (2014), Biezenmortel, the Netherlands. Effects of major lung resection on pulmonary vascular remodeling
* Oral presentation at The 10th international symposium on Biomechanics in Vascular Biology and Cardiovascular Disease (2015), Rotterdam, the Netherlands. The role of TGF-/BMP signaling in microvascular endothelial cells in Pulmonary Arterial Hypertension
* Oral presentation at 3rd Scientific seminar on pulmonary hypertension . Connecting expertise in a rare disease in 2015", Lundt, Sweden (December 2015) The TGF/BMP pathway in the pathogenesis of PAH
* Poster presentation at American Thoracic Society (2015), San Diego, USA
Rol N, Belien J, de Man F, Vonk-Noordegraaf A , Bogaard HJ, Grunberg K. Effects of major lung resection om pulmonary vascular remodeling
* Poster presentation at European Respiratory Society international congress, Amsterdam, the Netherlands (September 2015). Rol N, Szulcek R, Goumans MJ, Dickhoff C, Vonk-Noordegraaf A, Bogaard HJ, van Nieuw Amerongen G. Balancing TGF-beta/BMP in Pulmonary Arterial Hypertension
* Poster presentation at European Respiratory Society international congress, Amsterdam, the Netherlands (September 2015) Rol N, Timmer E, Faes T, Bogaard HJ, Vonk-Noordegraaf A, Grunberg K, Westerhof N. Limited and heterogeneous arterial narrowing in idiopathic pulmonary hypertension: rethinking resistance
* Poster presentation at 1st Amsterdam Cardiovascular Research Institute Symposium, Amsterdam, the Netherlands (October 2015) N. Rol, R. Szulcek, M.J. Goumans, C. Dickhoff, A. Vonk-Noordegraaf, H.J. Bogaard, G.P. van Nieuw Amerongen, Balancing TGF-/BMP in Pulmonary Arterial Hypertension

*O Spruijt (VUMC)*

* 2015 GSK 3rd Scientific seminar on pulmonary hypertension, Lund, Sweden. Oral presentation. Title: Molecular imaging of the lung in pulmonary hypertension

*Catalina Gomez-Puerto (LUMC)*

* Poster presentation at Congress of the Netherlands’ Heart Institute (Utrecht, the Netherlands, 29th June 2017): “Releasing the pressure: Towards reversing pulmonary arterial hypertension with manganic porphyrin complex MnTBAP”
* Poster presentation at FASEB Conference (Lisbon, Portugal, 9th July 2018): “Releasing the pressure: Towards reversing pulmonary arterial hypertension with manganic porphyrin complex MnTBAP”
* Autophagy contributes to BMP type II receptor degradation and the development of pulmonary arterial hypertension. Oral presentation.12th International BMP Conference. Tokyo, Japan (24-28 October 2018)
* The importance of autophagy in BMPRII degradation and its role in pulmonary arterial hypertension. Poster. 2nd Nordic Autophagy Society conference. Riga, Latvia (2018)
* Autophagy contributes to BMP type II receptor degradation and development of pulmonary arterial hypertension. Poster Joint Dutch German Vascular Biology meeting. Amsterdam, The Netherlands.(2018)
* MnTBAP prevents progression of experimental pulmonary hypertension and improves cardiac output. Poster. 9th Rembrandt Institute of Cardiovascular Science Symposium.Noordwijkerhout, The Netherlands (16 November 2018)

*Anna Huis in ‘t Veld (VUMC)*

* Poster discussion presentation at ATS, Washington, USA, May 2017: “Upfront combination therapy reduces right ventricular volumes in patients with PAH”
* Oral presentation at ACS symposium, Amsterdam, Netherlands, July 2017: “Upfront combination therapy reduces right ventricular volumes in patients with PAH”
* Oral presentation at ERS congress, Milan, Italy, September 2017: “Goal orientated strategy to preserve right ventricular ejection fraction trial: Results

*Gonzalo Sanchez-Duffhues (LUMC)*

* Oral presentation at European Society of Vascular Surgery Congress (Leiden, the Netherlands, May 2017): “Inflammation-induced EndMT facilitates endothelial calcification”

*Denielli da Silva Goncalves Bos (VUMC)*

* Oral presentation at THALYS meeting, Brussels, Belgium, Oct 2016: “Parasympathetic Nervous System Stimulation By Pyridostigmine Improves Survival And Cardiac Function In Experimental Pulmonary Arterial Hypertension”
* Oral presentation at Annual ACS (Amsterdam Cardiovascular Sciences) Symposium, Oosterkerk, Amsterdam, Oct 2016: “Parasympathetic Nervous System Stimulation by Pyridostigmine Improves Survival and Cardiac Function in Experimental Pulmonary Arterial Hypertension”
* Poster presentation at ATS, San Francisco, USA, May, 2016: “Parasympathetic Nervous System Stimulation by Pyridostigmine Improves Survival and Cardiac Function in Experimental Pulmonary Arterial Hypertension”

*Robert Szulcek*

* Poster presentation at 11th PVRI annual world congress, Miami, FL, USA. January 2017: “Endothelial response to cytokine stimulation is disturbed in Pulmonary Arterial Hypertension: Cilium length as a functional marker for dysregulated immunity”
* Oral presentation at International Vascular Biology Meeting (IVBM), Boston, MA, USA. October 2016: “Supra-physiological shear stress unveils heterogeneity in the endothelium of patients with Pulmonary Arterial Hypertension”

*Sun Xiaoqing*

* Poster presentation at AHA conference, New Orleans, USA, November 2016: ” 6-mercaptopurine Reduces Progression of Experimentally Induced Pulmonary Arterial Hypertension by Dampening Inflammation and Inhibition of Proliferation”
* Oral presentation at ERS conference, Milan, Italy, September 2017:” The effect of 6-Mercaptopurine treatment on experimentally induced pulmonary arterial hypertension”

*D Merkus (Erasmus MC, Rotterdam)*

* Poster presentation at Experimental Biology 2015: Stam K, Merkus D. Exercise Response in a New Porcine Model of Chronic Embolic Pulmonary Hypertension
* Poster presentation at 2nd European Conference on pediatric and neonatal pulmonary vascular disease. Groningen 2015. de Wijs-Meijler D, Stam K, Verzijl A, Duncker D, Reiss I, Merkus D. Development of a swine model for neonatal pulmonary vascular disease
* Poster presentation at AHA2017: van Duin R, Cai Z, Duncker Dj, Merkus D. Myocardial oxygen delivery is progressively impaired during development of pulmonary hypertension
* Oral Presentation at the Chinese Congress of Cardiology 2018. Novel swine models of Pulmonary Hypertension

*K Stam (Erasmus MC, Rotterdam)*

* Poster presentation at MiVaB & DEBS Meeting 2014: Stam K, van Duin R, de Wijs-Meijler D, Verzijl A, Duncker D, Merkus D: Novel chronic thromboembolic pulmonary hypertension swine model to break the vicious circle
* Poster presentation at The Dutch Physiological Society meeting 2014: Stam K, van Duin R, de Wijs-Meijler D, Verzijl A, Duncker D, Merkus D: Novel chronic thromboembolic pulmonary hypertension swine model to break the vicious circle
* Oral presentation at Thalys meeting (Pulmonary Circulation consortium) 2015: Novel Chronic (Thrombo)embolic Pulmonary Hypertension swine model
* Oral presentation at The Dutch Physiological Society meeting 2015: Novel chronic thromboembolic pulmonary hypertension swine model to break the vicious circle
* Poster presentation FCVB 2016: Stam K, van Duin R, de Wijs-Meijler D, Verzijl A, Duncker D, Merkus D Cardiac and vascular remodeling in the development of chronic thromboembolic pulmonary hypertension in a novel swine model.
* Oral presentation The Dutch Physiological Society meeting 2016: Stam K, van Duin R, de Wijs-Meijler D, Verzijl A, Duncker D, Merkus D: Pulmonary vascular remodeling in the development of chronic thromboembolic pulmonary hypertension in a novel swine model.
* Poster Presentation Experimental Biology 2017: Stam K, van Duin R, Duncker D, Merkus D: Exercise facilitates early prediction of cardiac and vascular remodelling during development of chronic thromboembolic pulmonary hypertension in a novel swine model

*R van Duin (Erasmus MC, Rotterdam)*

* Oral presentation at MiVaB & DEBS Meeting 2014: van Duin R, de Beer V, Sorop O, Duncker D, Reiss I, Merkus D: Does metabolic derangement result in structural changes within the porcine pulmonary microcirculation?
* Oral presentation at The Dutch Physiological Society meeting 2014: van Duin R, de Beer V, Sorop O, Duncker D, Reiss I, Merkus D: Does metabolic derangement result in structural changes within the porcine pulmonary microcirculation?
* Poster presentation at The Dutch Physiological Society meeting 2015: van Duin R, Stam K, de Wijs-Meijler D, Duncker D, Reiss I, Merkus D: Characterization of a novel large animal model for pulmonary hypertension due to pulmonary vein stenosis. Awarded Best Poster Award
* Poster presentation Pediatric PVD meeting 2017: van Duin R, Stam K, Duncker D, Reiss I, Merkus D: Pulmonary vein stenosis, pulmonary hypertension and vascular remodeling: a key role of endothelin. Awarded Best Young presenter award
* Poster presentation FCVB 2018: van Duin R, Stam K, Duncker D, Reiss I, Merkus D: Nitric Oxide protects against pulmonary hypertension in a swine model of pulmonary vein stenosis. Awarded travel award
* Poster presentation World Symposium on Pulmonary Hypertension 2018: van Duin R, Stam K, Cai Z, Duncker D, Reiss I, Merkus D: Transition from post- to combined pre-postcapillary pulmonary hypertension in swine: a key role for endothelin. Awarded travel award

*P ten Dijke (LUMC, Leiden)*

* Oral presentation at Thalys meeting (Pulmonary Circulation consortium) (20-21 Feb, 2015, Amsterdam). BMP receptor signaling in vascular biology and disease
* Oral presentation at TGF-β signaling and diseases symposium (May 15, 2015, Hangzhou, China). BMP receptor signaling perturbation in human diseases
* Oral presentation at 10th international BMP conference. (16-20 September, 2014, Berlin, Germany). BMP receptors: emerging therapeutic targets for vascular diseases
* Oral presentation, International TGF-β signaling in disease, Uppsala, Sweden. (August, 2015)
* Oral presentation at TGF-β/BMP signaling, including in the context of the normal and diseased blood vessel. Erasmus MC Rotterdam, 26th Jan 2016
* Oral presentation at BMP signaling in cancer in Cambridge, UK, 15-127 March, 2016
* Oral presentation at ENDO 2016 in Boston, USA, 1-4 April, 2016
* Oral presentation “TGF-beta family in fibrosis and cancer” IT-LIVER Final Conference, Barcelona, Soain, 14 June 2016
* Oral presentation at Keystone Symposia on TGF-ß in Immunity, Inflammation and Cancer in Taos, New Mexico, USA, 7-14 Jan, 2017
* Oral presentation at International Symposium on TGF-β Biology: Cell Signaling, Development and Human Diseases, Xiamen, China, September 26, 2017
* Oral presentation at Bonetech meeting 12-14 October, 2017
* Targeting BMP signaling in human diseases Presentation at 12th International BMP Conference., Tokyo, Japan (2018)
* BMP signaling in human diseases, Tsukuba University, October, 2018
* Targeting TGF-beta signaling in human diseases ShanghaiTech University, December 2018

*MJ Goumans* (LUMC, Leiden)

* Oral presentation pulmonary hypertension up-date meeting, April 8th 2016. Hannover, Germany
* Oral presentation at the “nederlandse longdagen 2016”, April 19th and 20th, Ermelo, the Netherlands.
* Key note lecture Rembrandt symposium 2016, Noordwijkerhoudt: Modulating TGFβ signaling in PAH.
* Oral presentation TGFβ signal transduction meeting, Leiden 2016: Exosomes for cardiac repair
* 12th International BMP Conference 2018. Tokyo, Japan. Oct, 2018. Title: BMP9 phenotypically alters the pulmonary microvascular endothelium in Pulmonary arterial hypertension.

*K Kurakula (LUMC, Leiden)*

* Oral presentation PVRI Annual World Congress 2019, Barcelona, Spain: "Specific inhibition of BRD4 attenuates pulmonary arterial hypertension".
* Poster presentation PVRI Annual World Congress 2019, Barcelona, Spain: “Inhibition of Pin1 attenuates experimental pulmonary arterial hypertension".
* Oral presentation ERS meeting 2018, Paris, France: " Activation of Nur77 Attenuates Pulmonary Arterial Hypertension".
* Poster presentation IVBM meeting 2018, Helsinki, Finland: "Specific inhibition of BRD4 attenuates pulmonary arterial hypertension".
* Poster presentation FCVB meeting 2018, Vienna, Austria: "Activation of Nur77 Attenuates Pulmonary Arterial Hypertension".
* Oral presentation Week van de long dagen 2018, Ermelo: "Specific inhibition of BRD4 attenuates experimental pulmonary hypertension”
* Poster presentation Rembrandt meeting 2017, Noordwijkerhout, The Netherlands: "Pharmacological activation of Nur77 decreases pulmonary artery hypertension in vivo".
* Poster presentation ESVS meeting 2017, Leiden, The Netherlands: " The role of LIM-only protein FHL2 in pulmonary arterial hypertension".
* Poster presentation NRRN meeting 2016, Amsterdam, The Netherlands: "Pharmacological activation of Nur77 decreases pulmonary artery hypertension in vivo".
* Poster presentation 2017 AHA meeting, Anaheim, USA: "Pharmacological Activation of Nuclear Receptor Nur77 Attenuates Experimental Pulmonary Arterial Hypertension by Modulating BMP Signalling".
* Poster presentation ATS meeting, 2017 Washington DC, USA: "Pharmacological activation of Nur77 decreases pulmonary artery hypertension in vivo".
* Oral presentation IVBM meeting 2016, Boston, USA: "Activation of Nur77 to treat pulmonary artery hypertension".
* Oral presentation THALYS meeting 2016, Brussels, Belgium: Oral presentation "Activation of Nur77 to treat pulmonary artery hypertension".
* Poster presentation ATVB meeting 2016, Nashville, USA: " LIM only protein FHL2 suppresses pulmonary artery endothelial cell proliferation via enhanced BMP signalling".
* CVON programme
* Poster presentation ATS meeting 2016, San Francisco, USA: " LIM only protein FHL2 suppresses pulmonary artery endothelial and smooth muscle cell proliferation via enhanced BMP signalling".
* Oral presentation at Thalys meeting 2015 Amsterdam. The role of MicroRNAs in PAH.
* Oral presentation TGFβ meeting 2015, Leiden, The Netherlands: " The role of LIM-only protein FHL2 in pulmonary arterial hypertension".
* Poster presentation NRRN meeting 2015, Leiden, The Netherlands: " Nuclear receptor Nur77

*K Kurakula (LUMC, Leiden) Grants/Scholarships*

* Travel grant for attending IVBM 2016 from Netherlands Respiratory Society in 2016
* Best Publication award from Netherlands Respiratory Society in 2016
* BAYER PHARMA AG Focus grant (Initiative: From Targets to Novel Drugs) in 2016
* Eurolife short-term exchange grant from Eurolife (Network of European universities in life sciences) in 2017
* Longfonds Junior Investigator fellowship from *Longfonds* in 2017
* Research grant from the Leiden University foundation in 2018
* Research grant together with Dr. Olga Tura-Ceide from Ministry of Economy, Govt. of Spain (Proyecto de investigación de salud) in 2018
* Travel award from the Netherlands Heart Institute in 2018
* Paul Dudley White International Scholar award from American Heart Association (recognition of best abstract from the Netherlands) in 2018
* ERS Young Scientist Sponsorship from the European Respiratory society (ERS) in 2018
* Travel award from the Pulmonary Vascular Research Institute (PVRI) in 2019

*K Kurakula (LUMC, Leiden) other academic activities*

* Co-organiser for the 3rd International Symposium on Pulmonary Hypertension in Amsterdam in Oct 2018
* Co-organiser for the 2nd International Symposium on Pulmonary Hypertension in Scheveningen, The Hague in Oct 2017
* Co-organiser for 1st International Symposium on Pulmonary Hypertension in Amsterdam in Sep 2016

*B Bartelds (UMCG, Groningen)*

* Oral presentation at 2nd European Conference on pediatric and neonatal pulmonary vascular disease. 2015, Groningen, The Netherlands RV adaptation to pressure load in pulmonary vascular disease
* Oral presentation at 4th European Conference on Paediatric and Neonatal Cardiac Intensive Care, 2015 Montreux, Switzerland. Understanding and Managing RV and LV restrictive physiology
* Poster presentation at American Thoracic Society, Denver 2015. Hagdorn Q, Jorna L, van der Feen D, Moonen J, Berger R, Bartelds B. A Novel Technique for Digital Analysis Enables Cell-Type Specific Quantification in Pulmonary Vascular Immunofluorescence

*RMF Berger (UMCG, Groningen)*

* Oral presentation at Dutch Endothelial Biology Society (DEBS), Fall Meeting 2014, Biezenmortel, The Netherlands. Pulmonary Hypertension, Blood Flow and the Endothelium
* Oral presentation at 6ieme Journee Francaise HTAP, 2015, Paris, France. Pulmonary Arterial

Hypertension in Congenital Heart Disease, The grey zone of closing shunts in children and adults: How to take the decision?

* Oral presentation at 51st Annual Meeting of the Japanese Society of Pediatric Cardiology and Cardiac Surgery (JSPCCS), 2015, Tokyo, Japan. New Horizons in Pediatric Pulmonary Hypertension
* Oral presentation at 45th Nordic Paediatric Cardiologists Meeting 2015, Oslo, Norway. Neonatal Pulmonary Hypertension: New Concepts
* Oral presentation at European Society of Cardiology Annual Meeting 2015, London, UK. Late outcomeafter shunt closure
* Poster presentation at 2nd European Conference on pediatric and neonatal pulmonary vascular disease. Groningen 2015. Jorna L, Moonen J, Harmsen M, Bartelds B and Berger, R: Isolation of pulmonary endothelial cells from the MCT – AC-Shunt rat model of PAH
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*D.E. van der Feen* *(UMCG, Groningen)*

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*JR Moonen (UMCG, Groningen)*

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