

Dr. med. Björn Hegner, MBA

Publikationsverzeichnis

Originalarbeiten (peer-reviewed)

1. **Hegner B**, Callaghan J, Schindler R, Heidecke H, Riemekasten G, Philippe A, Catar R. Intensive receptor blockade and plasma exchange to treat refractory scleroderma renal crisis in patients with agonistic autoantibodies targeting the angiotensin II type 1 and endothelin-1 type A receptors. *J Scleroderma Relat Disord*. 2024; 9(1):NP1-NP6.
2. **Hegner B**, Kretzschmar T, Zhu N, Kleinau G, Zhao H, Kamhieh-Milz J, Hilger J, Schindler R, Scheerer P, Riemekasten G, Philippe A, Catar R. Autoimmune activation and hypersensitization of the AT1 and ETA receptors contributes to vascular injury in scleroderma renal crisis. *Rheumatology (Oxford)*. 2023; 62(6):2284-2293.
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9. **Hegner B**, Schaub T, Janke D, Zickler D, Lange C, Girndt M, Jankowski J, Schindler R, Dragun D. Targeting proinflammatory cytokines ameliorates calcifying phenotype conversion of vascular progenitors under uremic conditions in vitro. *Sci Rep* 2018; 8(1):12087.
10. **Hegner B**, Schaub T, Catar R, Kusch A, Wagner P, Essin K, Lange C, Riemekasten G, Dragun D. Intrinsic deregulation of vascular smooth muscle and myofibroblast differentiation in mesenchymal stromal cells from patients with systemic sclerosis. *PLoS ONE* 2016;11:e0153101.
11. Kusch A, Schmidt M, Gürgen D, Postpieszala D, Catar R, **Hegner B**, Davidson MM, Mahmoodzadeh S, Dragun D. 17 β -Estradiol regulates mTORC2 sensitivity to rapamycin in adaptive cardiac remodeling. *PLoS ONE* 2015;10:e0123385.
12. Giral M, Foucher Y, Dufay A, Van Huyen JP, Renaudin K, Moreau A, Philippe A, **Hegner B**, Dechend R, Heidecke H, Brouard S, Cesbron A, Castagnet S, Devys A, Souillou JP, Dragun D. Pretransplant sensitization against angiotensin II type 1 receptor is a risk factor for acute rejection and graft loss. *Am J Transplant* 2013;13:2567-76.
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Editorials und Reviews

1. Schaub T, **Hegner B**. Rainbow crystals. Cover picture. *EMBO J* 2014;33.
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5. Dragun D, **Hegner B**. Limitations of targeting rate-limiting step of renin-angiotensin-aldosterone system in experimental chronic allograft nephropathy. *Transplantation* 2011;92:975-6.
6. Dragun D, **Hegner B**. Non-HLA antibodies post-transplantation: clinical relevance and treatment in solid organ transplantation. *Contrib Nephrol* 2009;162:129-39.
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Buchbeiträge

1. Dragun D, Hegner B. (2015) Kapitel: Acute kidney injury in pregnancy in "Oxford Textbook of Clinical Nephrology", 4. Auflage, Herausgeber: A. M. Davison, Oxford University Press
2. Dragun D, Hegner B. (2008) Kapitel: Antikörper vermittelte Allograftabstoßung - Humorale Rejektion in „Neue Medikamente in der Transplantationsmedizin“, 2. Auflage, Herausgeber: H.-H. Neumayer, K. Budde, J. Waiser, UNI-MED Verlag AG Bremen
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Aktuelle Kongressbeiträge (insgesamt über 50 Abstracts)

1. **Hegner B**, Kersten N, Elkeles T, Janetzke H. Gibt es ein universelles Prädiktionsmodell für die Entlassung nach Hause nach geriatrischer frührehabitativer Komplexbehandlung? Deutsche Gesellschaft für Geriatrie und Gerontologie, online, 2021