



MEDIZINISCHE  
FAKULTÄT

# Publikationsbericht 2014

Bereich Klinische Chemie

## BEREICH KLINISCHE CHEMIE

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### 1. Leitung

Prof. Dr. med. Berend Isermann

### 2. Veröffentlichungen

#### **Begutachtete Zeitschriftenaufsätze**

**Arregui, Maria; Buijsse, Brian; Fritsche, Andreas; Giuseppe, Romina di; Schulze, Matthias B.; Westphal, Sabine; Isermann, Berend; Boeing, Heiner; Weikert, Cornelia**

Adiponectin and risk of stroke - Prospective study and meta-analysis

In: Stroke. - New York, NY: Association, Bd. 45.2014, 1, S. 10-17;

[Imp.fact.: 6,018]

**Bock, Fabian; Shahzad, Khurram; Vergnolle, Nathalie; Isermann, Berend**

Activated protein C based therapeutic strategies in chronic diseases

In: Thrombosis and haemostasis. - Stuttgart: Schattauer, Bd. 111.2014, 4, S. 610-617;

[Imp.fact.: 5,760]

**Boer, Johannes Daan de; Kager, Liesbeth M.; Roelofs, Joris J.T.H.; Meijers, Joost C.M.; Boer, Onno J. de; Weiler, Hartmut; Isermann, Berend; Veer, Cornelis van't; Poll, Tom van der**

Overexpression of activated protein C hampers bacterial dissemination during pneumococcal pneumonia

In: BMC infectious diseases. - London: BioMed Central; Bd. 14.2014, Art.-Nr. 559, insges. 9 S.;

[Imp.fact.: 2,561]

**Braach, Natascha; Frommhold, David; Buschmann, Kirsten; Pflaum, Johanna; Koch, Lutz; Hudalla, Hannes; Staudacher, Kathrin; Wang, Hongjie; Isermann, Berend; Nawroth, Peter; Poeschl, Johannes**

RAGE controls activation and anti-inflammatory signalling of protein

In: PLoS one. - Lawrence, Kan: PLoS; Bd. 9.2014, 2, Art.-Nr. e89422, insges. 14 S.;

[Imp.fact.: 3,534]

**Ernst, Jana; Jann, Johann-Christoph; Biemann, Ronald; Koch, Holger M.; Fischer, Bernd**

Effects of the environmental contaminants DEHP and TCDD on estradiol synthesis and aryl hydrocarbon receptor and peroxisome proliferator-activated receptor signalling in the human granulosa cell line KGN

In: Molecular human reproduction. - Oxford: Oxford Univ. Press, Bd. 20.2014, 9, S. 919-928;

[Imp.fact.: 3,483]

**Giuseppe, Romina di; Buijsse, Brian; Hirche, Frank; Wirth, Janine; Arregui, Maria; Westphal, Sabine; Isermann, Berend; Hense, Hans W.; Dierkes, Jutta; Boeing, Heiner; Stangl, Gabriele I.; Weikert, Cornelia**

Plasma fibroblast growth factor 23, parathyroid hormone, 25-hydroxyvitamin D3, and risk of heart failure - A prospective, case-cohort study

In: The journal of clinical endocrinology & metabolism. - Bethesda, Md: Endocrine Soc, Bd. 99.2014, 3, S. 947-955;

[Imp.fact.: 6,310]

**Hartung, Klaus-Jürgen; Meyer, Frank; Bock, Fabian; Isermann, Berend**

Vom Heparin zum Apixaban: Was bringen die "neuen Antikoagulanzen"?

In: Zentralblatt für Chirurgie. - Stuttgart [u.a.]: Thieme, Bd. 139.2014, 1, S. 89-97;

[Imp.fact.: 1,188]

**Jacobs, Simone; Kröger, Janine; Floegel, Anna; Boeing, Heiner; Drogan, Dagmar; Pischon, Tobias; Fritsche, Andreas; Prehn, Cornelia; Adamski, Jerzy; Isermann, Berend; Weikert, Cornelia; Schulze, Matthias B.**

Evaluation of various biomarkers as potential mediators of the association between coffee consumption and incident type 2 diabetes in the EPIC-Potsdam Study

In: The American journal of clinical nutrition. - Bethesda, Md: Soc, Bd. 100.2014, 3, S. 891-900;

[Imp.fact.: 6,918]

**Lison, Holger; Happel, Max F.K.; Schneider, Franziska; Baldauf, Kathrin; Kerbstat, Silvia; Seelbinder, Benjamin; Schneeberg, Jenny; Zappe, Marc; Goldschmidt, Jürgen; Budinger, Eike; Schröder, Ulrich H.; Ohl, Frank W.; Schilling, Stephan; Demuth, Hans-Ulrich; Scheich, Henning; Reymann, Klaus G.; Rönicke, Raik**

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[Imp.fact.: 5,202]

**Luley, Claus; Blaik, Alexandra; Götz, Alexander; Kicherer, Florian; Kropf, Siegfried; Isermann, Berend; Stumm, Gabriele; Westphal, Sabine**

Weight loss by telemonitoring of nutrition and physical activity in patients with metabolic syndrome for 1 year

In: Journal of the American College of Nutrition. - Abingdon [u.a.]: Routledge, Taylor & Francis Group, Bd. 33.2014, 5, S. 363-374;

[Imp.fact.: 1,676]

**Mobashir, Mohammad; Madhusudhan, Thati; Isermann, Berend; Beyer, Tilo; Schraven, Burkhard**

Negative interactions and feedback regulations are required for transient cellular response

In: Scientific reports. - London: Nature Publishing Group; Bd. 4.2014, Art.-Nr. 3718, insges. 8 S.;

[Imp.fact.: 5,078]

**Paslakis, Georgios; Westphal, Sabine; Hamann, Bettina; Gilles, Maria; Lederbogen, Florian; Deuschle, Michael**

Unstimulated and glucose-stimulated ghrelin in depressed patients and controls

In: Journal of psychopharmacology. - London [u.a.]: Sage, Bd. 28.2014, 6, S. 582-586;

[Imp.fact.: 3,396]

**Peter, Andreas; Fritsche, Andreas; Machicao, Fausto; Nawroth, Peter P.; Häring, Hans-Ulrich; Isermann, Berend**

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**Rachakonda, Sivaramakrishna P.; Penack, Olaf; Dietrich, Sascha; Blau, Olga; Blau, Igor Wolfgang; Radujkovic, Aleksandar; Isermann, Berend; Ho, Anthony D.; Uharek, Lutz; Dreger, Peter; Kumar, Rajiv; Luft, Thomas**

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[Imp.fact.: 17,960]

**Scharnholtz, Barbara; Gilles, Maria; Marzina, Annika; Kommer, Marcel; Lederbogen, Florian; Wudy, Stefan A.; Hartmann, Michaela F.; Westphal, Sabine; Roth, Heinz Jürgen; Kahl, Kai G.; Meyer-Lindenberg, Andreas; Michaely, Henrik J.; Deuschle, Michael**

Do depressed patients without activation of the hypothalamus-pituitary-adrenal (HPA) system have metabolic disturbances?

In: Psychoneuroendocrinology. - Amsterdam [u.a.]: Elsevier Science, Bd. 39.2014, S. 104-110;

[Imp.fact.: 5,591]

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Inverse association of the endogenous thrombin potential (ETP) with cardiovascular death - The Ludwigshafen Risk and Cardiovascular Health (LURIC) study

In: International journal of cardiology. - Amsterdam [u.a.]: Elsevier Science, Bd. 176.2014, 1, S. 139-144;

[Imp.fact.: 6,175]

**Shahzad, Khurram; Bock, Fabian; Dong, Wei; Wang, Hongjie; Kopf, Stefan; Kohli, Shrey; Al-Dabet, Moh'd Mohanad; Ranjan, Satish; Wolter, Juliane; Wacker, Christian; Biemann, Ronald; Stoyanov, Stoyan; Reymann, Klaus; Söderkvist, Peter; Groß, Olaf; Schwenger, Vedat; Pahernik, Sascha; Nawroth, Peter P.; Gröne, Herman-Josef; Madhusudhan, Thati; Isermann, Berend**

Nlrp3-inflammasome activation in non-myeloid-derived cells aggravates diabetic nephropathy

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[Imp.fact.: 8,520]

**Steiner, Johann; Bernstein, Hans-Gert; Schiltz, Kolja; Haase, Thekla; Meyer-Lotz, Gabriela; Dobrowolny, Henrik; Müller, Ulf J.; Martins-de-Souza, Daniel; Borucki, Katrin; Schroeter, Matthias L.; Isermann, Berend; Bogerts, Bernhard; Westphal, Sabine**

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[Imp.fact.: 5,591]

**Steiner, Johann; Bernstein, Hans-Gert; Schiltz, Kolja; Müller, Ulf J.; Westphal, Sabine; Drexhage, Hemmo A.; Bogerts, Bernhard**

Immune system and glucose metabolism interaction in schizophrenia - A chicken-egg dilemma

In: Progress in neuro-psychopharmacology & biological psychiatry. - Amsterdam [u.a.]: Elsevier Science, Bd. 48.2014, S. 287-294;

[Imp.fact.: 4,025]

**Stilling, Roman M.; Rönicke, Raik; Benito, Eva; Urbanke, Hendrik; Capece, Vincenzo; Burkhardt, Susanne; Bahari-Javan, Sanaz; Barth, Jonas; Sananbenesi, Farahnaz; Schütz, Anna L.; Dyczkowski, Jerzy; Martinez-Hernandez, Ana; Kerimoglu, Cemil; Dent, Sharon Y.R.; Bonn, Stefan; Reymann, Klaus G.; Fischer, Andre**

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In: The EMBO journal. - Heidelberg: EMBO Press, Bd. 33.2014, 17, S. 1912-1927;

[Imp.fact.: 10,748]

**Wacker, Jessica; Rönicke, Raik; Westermann, Martin; Wulff, Melanie; Reymann, Klaus G.; Dobson, Christopher M.; Horn, Uwe; Crowther, Damian C.; Luheshi, Leila M.; Fändrich, Marcus**

Oligomer-targeting with a conformational antibody fragment promotes toxicity in A[beta]-expressing flies

In: Acta Neuropathologica Communications. - London: Biomed Central; Bd. 2.2014, Art.-Nr. 43, insges. 15 S.;

**Wirth, Janine; Buijsse, Brian; Giuseppe, Romina di; Fritsche, Andreas; Hense, Hans W.; Westphal, Sabine; Isermann, Berend; Boeing, Heiner; Weikert, Cornelia**

Relationship between N-terminal pro-brain natriuretic peptide, obesity and the risk of heart failure in middle-aged German adults

In: PLoS one. - Lawrence, Kan: PLoS; Bd. 9.2014, 11, Art.-Nr. e113710, insges. 16 S.;

[Imp.fact.: 3,534]

**Wolleschak, Denise; Mack, Thomas S.; Perner, Florian; Frey, Stephanie; Schnoeder, Tina M.; Wagner, Marie-Christine; Höding, Christine; Pils, Marina C.; Parkner, Andreas; Kliche, Stefanie; Schraven, Burkhardt; Hebel, Katrin; Brunner-Weinzierl, Monika; Ranjan, Satish; Isermann, Berend; Lipka, Daniel B.; Fischer, Thomas; Heidel, Florian H.**

Clinically relevant doses of FLT3-kinase inhibitors Quizartinib and Midostaurin do not impair T-cell reactivity and

function

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[Imp.fact.: 5,868]

### ***Dissertationen***

#### **Dong, Wei; Naumann, Michael [Gutachter]**

The serine protease activated protein C protects against renal ischemia reperfusion injury. - Magdeburg, Univ., Med. Fak., Diss., 2014; 87 Bl: Ill., graph. Darst.;

#### **Wang, Hongjie; Isermann, Berend [Gutachter]**

The lectin-like domain of thrombomodulin ameliorates diabetic glomerulopathy via complement inhibition.  
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