INSTITUT FÜR PROPHYLAXE & EPIDEMIOLOGIE DER KREISLAUFKRANKHEITEN (IPEK)

DIREKTOR: UNIV.-PROF. DR. CHRISTIAN WEBER

ANZAHL DER PLANSTELLEN FÜR WISSENSCHAFTLICHE MITARBEITER: 17

ANZAHL DER PLANSTELLEN FÜR NICHT-WISSENSCHAFTLICHE MITARBEITER: 18
ANZAHL ALLER DRITTMITTELFINANZIERTEN MITARBEITER: 73

DRITTMITTELAUSGABEN (IN €):

	Anzahl Projekte	Ausgaben 2016 laut Verwaltung
DFG	28	2.739.556
BMBF, StMWFK, EU	26	1.184.973
Stiftungen (Humboldt, Fondation Leducq, etc.)	13	507.341
LMU excellent	5	168.339
Summe begutachtete externe Drittmittel		**4.600.209**

	Anzahl Projekte	Ausgaben 2014 laut Verwaltung
FöFoLe	1	42.337
Lebmit (Invest.)	15	11.173
Promotionsstipendien	3	24.471
Summe interne Drittmittel		**77.981**

Gesamtsumme verausgabte Drittmittel		**4.678.190**

PUBLIKATIONEN:

	Anzahl	ungewichteter IF
im WoS gelistete Originalarbeiten	48	373.806
im WoS gelistete Reviews, Editorials	15	101.611
Gesamtsumme	**63**	**475.417**

FORSCHUNGSSCHWERPUNKTE

- Chemokine und Chemokinrezeptoren bei entzündlicher und atherogener Leukozytenrekrutierung
- Versatile Regulation der Atherosklerose durch microRNAs
- Funktion der Neutrophilen und Ihrer Sekretion in frühen Stadien der Atherosklerose
- Rolle von Chemokinen und Chemokin-ähnliche Funktionen von MIF in der Atherosklerose und Restenose
- Struktur und Funktion der Heterooligomerisierung und Proteoglykanbindung von Chemokinen (‚Interaktom')
- Signaltransduktion der Integrinregulation in Leukozyten und der endothelialen Aktivierung durch Zytokine
- Junktionale Adhäsionsmoleküle in der transendothelialen Diapedese und der vaskulären Entzündungsreaktion
- Chemokine und ihre Rezeptoren in der myokardialen Ischäme-Reperfusion und bei MyokardInfarkt
- Rolle von Leukozytensubpopulationen (Monozyten, T Zellen, dendritische Zellen, Mastzellen) in der Atherosklerose
- Regulation der Homöstase und Rekrutierung vaskulärer Vorläuferzellen in der Atherosklerose und nach Infarkt
- Physiologie und Pathophysiologie endothelialer Vorläuferzellen in der Endothelregeneration und Risikobestimmung
- Statine zur Prävention der Endotheldysfunktion und miniaturisierte, eluierende Formgedächtnis- und Polymer-Stents
- Intravitalmikroskopie, 2-Photonmikroskopie und Mechanismen der Plaquedestabilisierung
- Transmembranäre Chemokine und proteolytische Spaltung durch ADAM Metalloproteasen
- Rolle des Endocannabinoidsystems in der Atherosklerose und Ischämie/Reperfusion

PUBLIKATIONEN

Originalarbeiten, Reviews, Editorials - gelistet im Web of Science (WoS)

[1] Alam A, Leoni G, Quiros M, Wu H, Desai C, Nishio H, Jones RM, Nusrat A, Neish AS. The microenvironment of injured murine gut elicits a local pro-restitutive microbiota. Nat Microbiol. 2016; 1:15021. (IF 0.5)

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[10] de Jong RJ, Leoni G, Drechsler M, Soehnlein O. The advantageous role of annexin A1 in cardiovascular disease. Cell Adh Migr. 2016 (IF: 3.306)

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