



MEDIZINISCHE  
FAKULTÄT

# Publikationsbericht 2017

Institut für Medizinische Psychologie

# INSTITUT FÜR MEDIZINISCHE PSYCHOLOGIE

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## 1. Leitung

Prof. Dr. med. habil. B.A. Sabel, Ph.D. (geschäftsführender Leiter)

## 2. Veröffentlichungen

### **Begutachtete Zeitschriftenaufsätze**

#### **Alber, Raimund; Moser, Hermann; Gall, Carolin; Sabel, Bernhard A.**

Combined transcranial direct current stimulation and vision restoration training in subacute stroke rehabilitation - a pilot study

In: PM&R: the journal of injury, function and rehabilitation: official scientific journal of the American Academy of Physical Medicine and Rehabilitation (AAPM&R) - New York, NY [u.a.]: Elsevier, Bd. 9.2017, 8, S. 787-794;  
[Imp.fact.: 1,655]

#### **Brösel, Doreen; Sabel, Bernhard A.; Franke, Gabriele H.; Gall, Carolin**

Das 2-Skalen-Modell des National Eye Institute Visual Function Questionnaire (NEI-VFQ) zur Erfassung der sehbezogenen Lebensqualität

In: Klinische Monatsblätter für Augenheilkunde - Stuttgart: Thieme, Bd. 234.2017, 5, S. 719-725;  
[Imp.fact.: 0,651]

#### **Cao, Rui; Deng, Hongxia; Wu, Zheng; Liu, G.; Guo, Hao; Xiang, Jie**

Decreased synchronization in alcoholics using EEG

In: Ingénierie et recherche biomédicale: IRBM - Issy-les-Moulineaux: Elsevier, Bd. 38.2017, 2, S. 63-70;  
[Imp.fact.: 0,770]

#### **Chamoun, Mira; Sergeeva, Elena G.; Henrich-Noack, Petra; Jia, Shaobo; Grigartzik, Lisa; Ma, Jing; You, Qing; Huppé-Gourgues, Frédéric; Sabel, Bernhard A.; Vaucher, Elvire**

Cholinergic potentiation of restoration of visual function after optic nerve damage in rats

In: Neural plasticity - New York, NY: Hindawi, 2017, Art. ID 6928489, insges. 10 S.;  
[Imp.fact.: 3,054]

#### **Engin, Ayse Basak; Nikitovic, Dragana; Neagu, Monica; Henrich-Noack, Petra; Docea, Anca Oana; Štil'man, Michail Isaakovi Golokhvast, Kirill; Tsatsakis, Aristidis M.**

Mechanistic understanding of nanoparticles interactions with extracellular matrix - the cell and immune system

In: Particle and fibre toxicology: pft - London: BioMed Central, Bd. 14.2017, Art.-Nr. 22, insges. 16 S.;  
[Imp.fact.: 8,577]

#### **Gao, Ying; Sabel, Bernhard A.**

Microsaccade dysfunction and adaptation in hemianopia after stroke

In: Restorative neurology and neuroscience - Amsterdam: IOS Press, Bd. 35.2017, 4, S. 365-376;  
[Imp.fact.: 2,526]

**Henrich-Noack, Petra; Sergeeva, Elena G.; Eber, Torben; You, Qing; Voigt, Nadine; Köhler, Jürgen; Wagner, Sebastian; Lazik, Stefanie; Mawrin, Christian; Xu, Guihua; Biswas, Sayantan; Sabel, Bernhard A.; Leung, Christopher Kai-Shun**  
Electrical brain stimulation induces dendritic stripping but improves survival of silent neurons after optic nerve damage  
In: Scientific reports - [London]: Macmillan Publishers Limited, part of Springer Nature, Bd. 7.2017, Art.-Nr. 627, insges. 13 S.;  
[Imp.fact.: 4,259]

**Henrich-Noack, Petra; Sergeeva, Elena G.; Sabel, Bernhard A.**  
Non-invasive electrical brain stimulation - from acute to late-stage treatment of central nervous system damage  
In: Neural regeneration research: NRR - Mumbai: Wolters Kluwer Health Medknow, Bd. 12.2017, 10, S. 1590-1594;  
[Imp.fact.: 1,769]

**Paramei, Galina V.; Favrod, Ophélie; Sabel, Bernhard A.; Herzog, Michael**  
Pathological completion in the intact visual field of hemianopia patients  
In: Visual cognition - London [u.a.]: Routledge, Taylor & Francis Group, Bd. 25.2017, 1/3, S. 169-183;  
[Imp.fact.: 1,297]

**Sabel, Bernhard A.**  
Sind Gesichtsfelddefekte doch reversibel? - Visuelle Rehabilitation mit Gehirn  
In: Klinische Monatsblätter für Augenheilkunde - Stuttgart: Thieme, Bd. 234.2017, 2, S. 194-204;  
[Imp.fact.: 0,651]

**Sayapina, Nina Vitalievna; Batalova, Tatyana Anantolievna; Sergievich, Alexander Alexandrovich; Shtarberg, Mikhail Anatolievich; Borodin, Eugeny Alexandrovich; Khoroshikh, Pavel Pavlovich; Chaika, Vladimir Victorovich; Kodintsev, Vladimir Valerievich; Vedyagin, Alexey Anatolievich; Mishakov, Ilya Vladimirovich; Vakis, Antonis; Henrich-Noack, Petra; Tsatsakis, Aristidis M.; Engin, Ayse Basak; Golokhvast, Kirill**  
Oral application of carbon nanofibers in rats increases blood concentration of IL6 and IL10 and decreases locomotor activity  
In: Environmental toxicology and pharmacology - Amsterdam [u.a.]: Elsevier, Bd. 50.2017, S. 183-191;  
[Imp.fact.: 2,313]

### ***Begutachtete Buchbeiträge***

**Zhang, Xiewai; Zhang, EQ.; Grigartzik, L.; Henrich-Noack, Petra; Hintz, Werner; Sabel, Bernhard**  
Caspase-3 silence sirna modified poly (butylcyanoacrylate) nanoparticles for optic nerve protection  
In: Produktgestaltung in der Partikeltechnologie - Band 8: 8. Symposium Partikeltechnologie, 22. - 23. Juni 2017, Karlsruhe - Stuttgart: Fraunhofer Verlag, 2017, insgesamt 19 Seiten  
[Symposium: 8. Symposium Partikeltechnologie, 22. - 23. Juni 2017, Karlsruhe];

### ***Abstracts***

**Groleau, Marianne; Nazariahangarkolaee, Motjaba; Vanni, Matthieu P.; Sabel, Bernhard A.; Mohajerani, Majid H.; Vaucher, Elvire**  
Longitudinal mapping of visual cortical network following partial optic nerve injury  
In: Journal of cerebral blood flow and metabolism: official journal of the International Society of Cerebral Blood Flow and Metabolism - Thousand Oaks, CA: Sage, Bd. 37.2017, Suppl. 1, PS04-025, S. 325-326;  
[Imp.fact.: 5,081]