Tinnitus Research is developing fast

Tinnitus Research is currently developing very fast. The number of researchers that are attending the tinnitus conferences is steadily increasing. Also the number of research articles published on tinnitus has drastically increased in the last decade. A decade ago, there have never been more than 300 peer-reviewed tinnitus articles per year. In 2015, however, we have more than doubled this number and reached over 700 scientific papers!

Most importantly, the international research collaborations have developed as well. When we started TRI about 10 years ago, many research groups have worked in isolation – but now we see that many labs work together, join forces, pool data and exchange their know-how.

A remarkable step forward is also the increased collaborations between researchers, clinicians and patient organisations. The first international tinnitus awareness week (see below in the newsletter) and the extremely successful dissemination of the research topic on tinnitus are just two indicators for this.

We are looking forward to see even more fruitful cooperation in the near future. Let’s work together and come up with new and creative ideas to promote tinnitus research and finally find a cure for tinnitus.

Berthold Langguth       Susanne Staudinger       Belén Elgoyhen
Dirk De Ridder          Raj Shekhawat            Winny Schlee
In the last TRI newsletter we informed you about the **Frontiers Research Topic on Tinnitus**. So far, there have been 21 articles published and many more are currently under review. We expect to have well above 50 articles by the end.

The submission deadline has been extended until December 31, 2016. Papers can be submitted here: [link](#).

The current contributions are highlighted below.

**Genetic contributions of tinnitus:**
- Yu et al. (2016). *GLAST Deficiency in Mice Exacerbates Gap Detection Deficits in a Model of Salicylate-Induced Tinnitus*.

**Tinnitus with normal audiograms:**
- Gilles et al. (2016). *Decreased Speech-In-Noise Understanding in Young Adults with Tinnitus*.

**Treatment options for tinnitus:**

**Improving and translating research methods:**
- Wrzosek et al. (2016). *Polish Translation and Validation of the Tinnitus Handicap Inventory and the Tinnitus Functional Index*.

-Müller et al. (2016). *Validation of online versions of tinnitus questionnaires translated into Swedish*.

Neurobiological mechanisms and tinnitus-related symptoms

- Tighilet et al. (2016). Reactive neurogenesis and down-regulation of the potassium-chloride cotransporter KCC2 in the cochlear nuclei after cochlear deafferentation.
- Figueiredo et al. (2016). Positive association between Tinnitus and arterial hypertension.
- Brüggemann et al. (2016). Impact of Multiple Factors on the Degree of Tinnitus Distress.

Animal models for tinnitus

- Longenecker et al. (2016). Variable effects of acoustic trauma on behavioral and neural correlates of tinnitus in individual animals.

Brain imaging and brain models

- Allan et al. (2016). Neuroanatomical alterations in tinnitus assessed with magnetic resonance imaging.
- Chen et al. (2016). Disrupted Brain Functional Network Architecture in Chronic Tinnitus Patients.
Tinnitus & Hyperacusis Therapy Masterclass

Specialist course for management of tinnitus and hyperacusis in children and adult

6-10 March 2017:  Guildford, UK
5-7 April 2017:  Zurich, Switzerland
3-5 May 2017:  Amsterdam, Netherlands

This course is designed for those who wish to pursue a career as an advanced practitioner in providing specialised care for patients experiencing troublesome tinnitus and hyperacusis. Students will gain a wider spectrum of theoretical knowledge and clinical skills with regard to tinnitus and hyperacusis rehabilitation. This course will outline psychometric assessment, appropriate referrals to ENT and mental health, evidence-based practice, application of specialist cognitive behaviour therapy (CBT) in tinnitus and hyperacusis rehabilitation, and service development.

For more information see http://tinnitustherapy.org.uk/

Tinnitus Conference

XII International Tinnitus Seminar and 1st World Tinnitus Congress

The XII ITS meeting will take place in Warsaw, Poland, from May 22-24, 2017.

For more information see: http://its2017.com/
International Tinnitus Awareness Week

The International Tinnitus Awareness Week will be organized from February 6 – 12, 2017. This will be the first time that several organizations from different countries will be working together to raise awareness for tinnitus. The goal is to organize a large number of activities around the globe that increase the awareness for tinnitus all in one week.

Please take you part!
We will need as many awareness activities in multiple languages. Please think about what you can do in this week. Every activity is welcome! The more diversity, the better. Please let us know about your plans and we will help to promote it. Please write to Susanne.Staudinger@tinnitusresearch.net and Winfried.Schlee@tinnitusresearch.net.

New TRI homepage

We renewed the TRI homepage: www.tinnitusresearch.net
The new TRI webpage comes with a new design and some new functionalities. One important new functionality: We want to promote tinnitus researchers in their recruitment of study participants. So if you are starting a new study and looking for participants that match to inclusion criteria, please let us know and we can post it on the webpage. Also this will be a platform for tinnitus patients to find out about tinnitus studies in their region.

Please visit the new homepage and play with it to find out more.