



# THE BRIDGE

## Linking Practitioners of German Biological Medicine

Volume 9, Issue #6, June 2013

Wednesday, 19 June 2013

Dear Colleagues and Friends of OIRF,

👉 Welcome to Issue #6 of "The Bridge" newsletter for 2013! In this Issue we are pleased to once again bring you an article from OIRF Director and Medical Advisor **Dr. Karim Dhanani**. Called "Cell Membrane Theories" I am sure this one will get you thinking and give you an indication of the newer approaches to cell biology as it applies to Biological Medicine.

In the next Issue of "The Bridge" watch for Part 3 of the seven part series of articles by the esteemed **Prof. Dr. Hartmut Heine** on The Ground Regulation System. Here again are the titles of all seven articles:

**Part 1** – The Ground Regulation [A History and Background] – Published Issue #3

**Part 2** – GRS as a non-linear system – structure, function and determined chaos – Published in this Issue #5

**Part 3** – GRS as a non-linear system – structural components of the extracellular matrix (ECM) – scheduled to publish in Issue #7 in mid-July 2013.

**Part 4** – Spatial structure of the ECM and material transport within the system

**Part 5** – Contact, limitation and clogging up: Cell adhesion, basal membrane and glycosylation

**Part 6** – Functional relations of the ground regulation with the central nervous system

**Part 7** – The Ground Regulation and the Circadian Rhythm  
– The Ground Regulation and Alzheimer Dementia

👉 Many of you missed that great **MORA Nova training seminar/workshop in St. Louis, MO on June 7-9, 2013**. The guest instructor was **Nuno Ruivo, DO** from Med-Tronik, Germany who is a long time MORA user and one of the technology and software developers of the Nova device. Our thanks go out to all who attended – a good group – as well as to Dr. Simon Yu and Mrs. Kate Yu for their generous sponsorship and hospitality. Further training sessions are being planned for early 2014.

👉 Reminder: All Volume 9 Issues of "The Bridge" will also be published on our website and are available to download in pdf/print format. Follow this link to download your PDF copy of Issue #6.

➡ **IMPORTANT NOTICE to former OICS students:** As most of you know, Occidental Institute first opened its doors in Weston, Ontario Canada on July 2, 1972. We began our journey to today's non-profit research organization offering continuing education training to an international group of practitioners as a unique and groundbreaking "school" for traditional acupuncture. Through the years of struggle with the orthodox medical organizations the Institute underwent a series of changes in our business format as we maintained the confidentiality of our member and customer lists.

After a number of forced moves (including an eight year stint in the USA) the Institute came back into British Columbia Canada in the summer of 1984 when we attained our unique non-profit research status. However, to maintain that status we had to cease all functions as a "school" – in other words we could no longer issue certification or accreditation. All of those old "school" records have been carefully maintained throughout the intervening years. However, it is now nearly 30 years since we ceased being a school and it has been decided that all of those student and school records can now be securely destroyed.

We wish to inform any former students or graduates of Occidental Institute of Chinese Studies (Weston, Ontario and Montreal, Quebec, Canada) and the OICS Alumni Association (Miami, Florida and San Bruno, California USA), that all records pertaining to their studies in those organizations will be destroyed during the month of September 2013 and prior to October 1, 2013.

**Any former OICS(AA) students/grads who wish to obtain transcripts of studies must contact us prior to August 31, 2013. Thank you for your understanding and for your cooperation.**

➡ I am personally very pleased with how our **40th Anniversary Biological Medicine Tour** program has finalized and come together. Speakers are now all set and the schedule has been locked in with only very minor changes expected. We have reserved a beautiful private coach to take us to our visits and presentations. I have arranged some beautiful family run hotels with excellent restaurants and we can all look forward to a very pleasant journey.

This very special tour program (with a short journey into Switzerland to visit the **Paracelsus Clinic**) is bringing you a good overview of the many speakers and presentations we have seen during those past many tour programs, but at the same time will bring us right up-to-date with all the latest research and development.

Our keynote speakers this year include **Dr. Jürgen Aschoff, Dr. Thomas Rau** and **Prof. Dr. Hendrik Treugut**. We will also hear presentations from **Dr. Kai Lühr, Dr. Dietrich Klinghardt** and the famous astrophysicist **Illobrand von Ludwiger**.

This jamb-packed program has been custom tailored for all levels of practitioners from the "newbies" to the "oldies", from those who rely on technology to those who prefer the simple approach, and for all who are seeking effective and reliable applications for their personal practice.

Be sure to visit our website for full [Germany Tour details](#). I am working on a web page giving some introductory information on the speakers and will get it posted as soon as possible. But, don't wait or hesitate to get your registration in to us.

It is time to support your Institute and this amazing tour program. Call Elaine today to register for this program. Some portions of this program are expected to fill quickly and priority will always be given to those participating in a combination of the three separate portions. Once again here is a brief overview of the speakers, dates and activities of this Tour program:

**Part 1: Oct. 25 to 29, 2013 – Tools.** I want to be really clear about this part of the tour program. These are **not** intended as equipment sales pitches. The emphasis here is on application and how the devices will work in your practice. What are the benefits of each device and how will they increase the effectiveness of your diagnostics and treatments? We will visit and hear lectures from:

- Advanced Medical Systems (pulsed magnetic field therapy)
- Medical Electronics (BioPhoton Therapy)
- AlfaThermodiagnostics (Thermography)
- Med-Tronik (Terrain Analysis, BioResonance Therapy, EAV Assessment, Color Therapy/Gruba)



**Part 2: Oct. 29 to Nov. 4, 2013 – Techniques.** This is the part where we will participate in the Medicine Week Congress, hear lectures about the latest methods and techniques in Europe and have ample time to visit the exhibits. Confirmed presentations include:

Hear privately arranged English lectures from:

- **Dr. Jürgen Aschoff** (Darkfield Microscopy, Blood Test acc. Aschoff, Frequency Medicine)
- **Dr. Thomas Rau** (Biological Medicine Practitioner and Teacher)
- **Prof. Dr. Hendrik Treugut** (Biological Medicine Researcher)
- A well known and longtime **German pharmacy** of biological remedies

Attend Med-Week English lectures featuring:

- **Dr. Reimar Banis** (Psychosomatic Energetics)
- **Dr. Dietrich Klinghardt** (Biological Medicine Practitioner and Teacher)
- **Dr. Frank Beck** (Researcher and Scientist)
- **Dr. Kai Lühr** (Biological Medicine Practitioner)
- **Illobrand von Ludwiger** (famous Astro-physicist & Author)

**Part 3: Nov. 4 to 7, 2013 – Applications.** This part of the tour involves considerable travel however you are going to see some of the most spectacular scenery. We will be traveling into the Alps and the area of the Bodensee (Lake Boden) on the Swiss/German border where we will tour and hear about three unique and exceptional Biological Medicine clinics:

- A very famous German hotel and spa-type clinic which has specialized in **Kneipp Therapy** literally for generations.
- The famous **Paracelsus Clinic** in Lüstmuhl, Switzerland. **Dr. Thomas Rau** will greet us and will also give us a short presentation about Live Cell Therapy and other methods they utilize.
- Back into Germany and another very famous clinic that utilizes a number of natural and biological methods for anxiety, depression, pain, immune weakness and allergies.

I realize it is difficult to take a full two weeks away from your practice – family, staff and patients will miss you and it's hard on the pocket book! This is why we arranged everything so you can pick and choose which parts will work best for your schedule. However, we already have registrations for the full two weeks and for Parts 2 and 3 combined. I repeat that we anticipate these programs will fill quickly and priority will be given to participants attending multiple parts.

➡ Here are your newsletter items for this Issue #6:

An **exclusive article** published June 2013  
by Occidental Institute Research Foundation . . .

## Cell Membrane Theories

By Karim Dhanani, ND  
(OIRF Medical Research Director)

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To begin with I must confess, I like theories. Theories allow complex systems, once inexplicable to be conceptualized, put into a framework, ultimately to be explained and eventually understood. But theories need to be challenged.

I must also confess, I do enjoy challenging theories. If you ask a question to challenge a theory and it cannot provide a reasonable answer, it is time to modify the theory. However if you ask several questions to challenge a theory and there are no reasonable answers, it is time to change your theory.

Let's discuss the cell membrane for example. Many scientists appreciated the discovery of a 'thin film' but it was the famous *Theodore Schwann* (1839) who described this film as 'prior in importance to its contents'. It was thought of as an impermeable membrane that acted independent from its surroundings. Eventually, in 1928 (*Mond* and *Amson*) proposed a permeable membrane hypothesis or the sieve theory if you will.

It was not until *Boyle* and *Conway* (1941) described a seemingly important concept. The fact that certain molecules of a certain size can enter the cell via this membrane but other molecules of a larger size cannot. A cell membrane showing favoritism? They had found that Na and K ions were allowed into the cell but only Na ions were allowed out even though the Na ions were larger in size than the K ions. If there was a non-prejudiced cell membrane then both types of ions would be allowed or disallowed into the cell. However the only way that the larger Na ions were allowed out was by some kind of a channel – an exclusive channel. This idea was the dominant concept until a further problem arose. So the theory was altered. Because there is a concentration gradient across this membrane it was found that Na also permeates through, so the only alternative was to create not only membrane channels to allow some molecules in, but a membrane pump to force other molecules out. Thus the 'pump' was born. The 'channel' and 'pump' field exploded. Hydrogen, calcium, chloride and bicarbonate pumps were discovered and by the late 1970's over 100 channels for various molecules were discovered.

So it would seem that a theory was proposed, modified and now is the dominant framework for what we build our concepts upon. Let's test this theory shall we?

As with channels, pumps were 'discovered' to explain concentration gradients from inside to outside the cell. There are now more than 50 solute specific pumps.

However if these pumps are solute specific how does one explain specific 'pumping out' of molecules it has never seen before? How are antibiotics, curare and any one of the ten thousand new chemicals that are released into the environment according to the EPA which are eventually brought into the cell now selectively removed? The dominant theory suggests an adaptable pump but this seems illogical. If this were so, then why would the pump be so selective to begin with? **Question one:** Unanswered.

The second question is how the cell musters enough energy required to power such a pump. Several studies suggest that it might take up to 35-50% of the cell's energy to drive the sodium pump alone!! (*Whittam*, 1961). If there are more than 50 pumps documented then there clearly is not enough energy that the cell can generate to perform its basic biological function as well as drive the pumps. Again the dominant theory might argue that the pumps are not in continuous use and therefore can summon energy from the cell if and when required. However since ions and solutes cross the membrane continuously (via channels) even in a resting state these molecules must need to be continuously pumped out to counteract this normal occurrence. Therefore the pump must be functional all the time. To further dominate the question, organelles such as liver cell mitochondria as well as muscle cell sarcoplasmic reticulum contain 20-50 times more membrane and thus have far, far more pumps. There is no accounting for the increased energy required. **Question two:** Unanswered.

Now we look at the membrane itself. "Continuous lipid bilayer" is the term often utilized by cellular biology textbooks – the so called "lipid bilayer". The advent of the continuous phospholipid bilayer is misleading. *Korn* (1966) upon several experiments found that the membranes are not predominantly lipid but that of protein!. In fact the ration of protein to lipid is 3:1. In certain organelles the ratio can be as high as 5:1!! Thus, the ideal lipid bilayer membrane with the occasional protein molecule is very misleading. Because protein molecules fold upon themselves, it doesn't lend well to the idea of a continuous non porous membrane. In fact one could argue that the membrane proteins are actually larger molecules that fold back upon themselves many times as they course through the membrane. It is not a continuous lipid bilayer membrane, but rather a reactive, ever moving, changing protein membrane that is always in response to its environment. **Question three:** Unanswered.

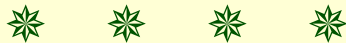
It is time to rethink the concept of cell membranes. What was once thought of as a rigid non-conforming film should now be evolved into a responsive protein membrane that has no pumps or channels but which can alter its charges from one side to the other in response, thus maintaining a dynamic equilibrium. Extra cellular quickly becomes intracellular in terms of charges. Once we recognize this, we realize how quickly we can alter the internal workings of the cell.



In health

Karim Dhanani, ND

Follow this link to our website to see Issue #6 in print/PDF format.



#### ➤ **Summer Specials of Instrumentation:**

- **Ionized Oxygen 3000** of **Prof. Dr. Ivan Engler** by CSTRonik  
Summer Special discount price \* CDN/US \$5,555
- **VNS Diagnosis 3000** of **Prof. Dr. Ivan Engler** by CSTRonik  
Summer Special discount price\* CDN/US \$5,490  
Purchased at the same time as a set CDN/US \$10,900
- **BioPhoton Therapy HPT 3D** by Medical Electronics  
Summer Special discount price CDN/US \$12,500

Please see brief descriptions of these devices below. Full descriptions are available on our website at [www.oirf.com](http://www.oirf.com).

\* **Some restrictions apply:** Time limited offer dependent on current Euro to CDN/US exchange rates. This is a funds transfer offer only – credit card purchases at regular published price.

#### ➤ **Conferences and Conventions:**

➤ The **8th International Alternative Medical Conference, St. Louis, Missouri, September 13-15, 2013**. This conference is sponsored by Prevention and Healing and **Simon Yu, MD**, and will feature **Dietrich Klinghardt MD, Hal Huggins DDS, Douglas Cook DDS, Karim Dhanani ND**, and several others. Be sure to visit their website at [www.IAMCONF.com](http://www.IAMCONF.com) for full details and registration information. This is one of the most important educational conferences of 2013 in North America. OIRF highly recommends this conference and will have an exhibit booth there. Come and see the MORA Nova in action! We look forward to meeting you there.



## Occidental Institute Research Foundation

### 40th Biological Medicine Tour to Germany

**Theme:** Tools, Techniques and Applications

**Part 1, Oct. 25-29, 2013 - Tools:** Visit or hear from five quality and effectiveness proven instrumentation companies with practical demonstrations of their latest innovations and introduction of the latest research and development.

**Part 2, Oct. 29-Nov. 4, 2013- Techniques:** Visit and participate in the famous Medicine Week Congress in Baden-Baden And hear privately arranged English language lectures from:

- **Dr. Jürgen Aschoff** – Energy Medicine Practitioner & Researcher
- **Dr. Thomas Rau** – Biological Medicine Practitioner & Teacher
- **Prof. Dr. Hendrik Treugut** – Biological Medicine Researcher

Attend Medicine Week (English) lectures featuring:

- **Dr. Reimar Banis** – Psychosomatic Energetics
- **Dr. Dietrich Klinghardt** – Biological Medicine Practitioner & Teacher
- **Dr. Kai Lühr** – Biological Medicine Practitioner & Teacher
- **Illobrand von Ludwiger** – famous Astrophysicist & Author

**Part 3, Nov. 4-7, 2013 – Applications:**

Visit three very famous clinics including the **Paracelsus Clinic** in Switzerland with a lecture from **Dr. Thomas Rau** on Live Cell Therapy. See these Biological Medicine “Tools and Techniques” in practical everyday application.

- Our private lectures present the latest information and research in our field, with ample time for questions and hands-on.
- An opportunity to talk with like-minded colleagues and learn from the experience and expertise of attending OIRF Directors and Advisors.
- Hear from a well known German pharmacy of biological remedies
- Travel in comfort with plenty of room for luggage
- Tour prices includes full tour program, single room accommodations and most meals
- Be treated like family with good food, good friends and good conversation in friendly hotels

**SPACES ARE LIMITED AND ADVANCE REGISTRATION IS RECOMMENDED.**

[Biological Medicine Tour #40](#) information and [Register here](#)

For more details contact: Occidental Institute, [www.oirf.com](http://www.oirf.com); E-Mail: [support@oirf.com](mailto:support@oirf.com)

PO Box 100, Penticton, BC V2A 6J9 Canada and register at 800-663-8342 or (250) 490-3318

#### 🔄 Updates, Reminders and Announcements:

➤ Watch for the seventh 2013 issue of the “The Bridge” newsletter to arrive in your Inbox around mid-July with Part 3 of the 7-part series of articles on The Ground Regulation System by **Prof. Dr. Hartmut Heine**.



➤ **LEASING IS NOW AVAILABLE:** All arrangements have been finalized to make leasing available to purchasers of the larger (more expensive) OIRF recommended instrumentation. Contact Elaine at 1-800-663-8342 to obtain applicable forms and instructions for your current or future instrumentation purchases.

➤ Are you looking for one of the former **RM-10/S diagnostic devices from Med-Tronik?** It was capable of EAV and Vega-type diagnostics and can be attached to a special interface unit to access the Electronic Test Sets. We have received notices from two docs who have slightly used RM-10/S's for sale. Contact Elaine today at 800-663-8342 to get contact and order information.

➤ Visit our **Facebook** page – will you be our friend?



# CS Tronic

## OXYGEN ION 3000

by Dr. Ivan Engler

**Fully Automatic Inhaled Ionized Oxygen**



The **Oxygen Ion 3000/by Dr. Engler** is a so-called oxygen-ionizer which enables you to enrich medical oxygen with electrical charge carriers in the form of "oxygen-cations" or "oxygen-anions". The administration of enriched oxygen is carried out via an oxygen mask. The oxygen quantity varies between 4 and 8 liters, yet the changed charge quantity has to be considered. The therapeutic session lasts 12 minutes. As an alternative, oxygen concentrators may be used instead of oxygen cylinders.

Because of the state-of-the-art processor technology, the respective polarities are changed over automatically, without having to switch the oxygen supply. A data interface to VNS Diagnosis allows an automatic therapeutic transmission from the diagnosis device VNS Diagnosis 3000/by Dr. Engler.

**ORDER COMMENTS:** Both the Oxygen Ion 3000 and the VNS Diagnosis 3000 units are in stock in Austria and available for immediate shipment. Price of the units is **US/CDN ~~\$5,735~~ \$5,555\*** for the Oxygen and **US/CDN ~~\$5,685~~ \$5490\*** for the VNS including shipping. The unit itself is shipped directly to you from the factory in Austria. The accessories and instructions are sent directly to you from the Institute.



# CStronic

## VNS DIAGNOSIS 3000

by Dr. Ivan Engler



As an ideal complement to Oxygen Ion 3000/by Dr. Engler, **VNS Diagnosis 3000/by Dr. Engler** supports your diagnostic procedure. VNS Diagnosis 3000/by Dr. Engler measures the capacity and the resistance between both gold electrodes and forms an optic display of the vegetative situation in the form of a LED-diagram. Of course there is the possibility to read off the measured values as direct numbers as well and can be interpreted individually. Because of similarities to the Oxygen Ion 3000/by Dr. Engler, a display of therapeutic proposals was also integrated. A data wire immediately transmits the therapeutic proposal to the Oxygen Ion 3000/by Dr. Engler, from which a further program selection can be started afterwards. The shape of the gilded electrode plates is handy and therefore facilitates the reproducibility of the measured results.

**PRESENTED BY OCCIDENTAL INSTITUTE RESEARCH FOUNDATION:**

P. O. Box 100, Penticton,  
B.C. V2A 6J9 CANADA

**Call 1-800-663-8342 toll free today (US & Canada) for ordering information.**

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medical electronics

# BIOPHOTON LIGHT THERAPY

Therapy with Energy



## **Biophoton HPT 3D Standard**

**64** Hyper-red Special LED  
(HeNe Laser carrier)  
660 Nanometer (Hyperred)  
ca. 6 Milliwatt per diode

**64** Laser diodes  
785 Nanometer (Infrared)  
ca. 6 Milliwatt effective per diode

The most modern large area laser therapy, the Biophoton light therapy, with optional magnetic field therapy, depth relaxation, super-learning and energetic homeopathy, make this therapy apparatus a particularly effective instrument.

Eminently suitable for hair, face and body treatment. Impressive results within a short time – in particular with cellulite and other large area tissue problems.


New modulation frequencies stimulate the body to produce endorphins. Endorphins improve the mental attitude, activate the immune system and optimize all the body's own self-healing effects.

That is modern overall therapy – the therapy of the future! With this apparatus it can be impressively confirmed what modern energy therapy is able to do!

**Summer Special Price is US/CDN ~~\$13,025~~ \$12,500\***

This device has the Institute's highest recommendation and is in daily use in our small medical office. Contact OIRF for order and delivery details.

**Certification:** Manufactured to fully meet the regulated standards of the industry in Europe (including full ISO 14385, European medical and CE approvals, as well as CMDCAS). Health Canada registration pending.

 **Updates, Reminders and Announcements** (continued):

➤ For a complete [listing of resource materials](#), including publications, reports, books and videos please follow this link to our website. There are full descriptions of all printed and recorded materials online.

➤ For a complete [listing of recommended instrumentation](#), including diagnostic, therapeutic and BioResonance devices please follow this link to our website. There are full descriptions of all instrumentation online.

I trust you will find much of interest in these pages. We look forward to meeting you during our 2013 activities and programs. As always your comments are welcome. Remember that this is your newsletter – your suggestions, article contributions, critiques, FAQ's and compliments – are gratefully accepted.

Enjoy . . .

*Carolyn*

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