



**NOSODES**

**2008**

**INTERNATIONAL MEETING ON  
HOMEOPROPHYLAXIS, HOMEOPATHIC  
IMMUNIZATION AND NOSODES  
AGAINST EPIDEMICS**

**ENCUENTRO INTERNACIONAL SOBRE  
HOMEOPROFILAXIS, INMUNIZACIÓN  
HOMEOPÁTICA Y NOSODES  
CONTRA EPIDEMIAS**

**10-12, DECEMBER / DICIEMBRE, 2008**

**HAVANA CONVENTION CENTER**

**PALACIO DE CONVENCIONES DE LA HABANA**

**CUBA**

## GENERAL PROGRAM

<b>Monday 8 Tuesday 9, December, 2008</b>		
Time	Activity	Place
09:30 17:00	Registration	Havana Conventions Center

<b>Wednesday 10, December, 2008</b>		
Time	Activity	Topic / Presenter
09:30 10:30		<b>Welcome and Opening Words</b> <i>Dr. Concepción Campa and Dr. Gustavo Bracho</i>
10:30 11:15	<b>Opening Lecture</b>	<i>Panorama of Sanitary Regulations and Nosodes.</i> <b>Dr. Rafael Pérez Cristiá</b> , General Director of Regulatory Agency for Health Protection, MINSAP, <b>CUBA</b>
<b>BREAK</b>		
11:30 12:30	<b>Keynote Address</b>	<i>Homeoprophylaxis: History, Foundations, Controversy, Practical Programs</i> <b>Dr. Isaac Golden</b> . Head of School of Holistic Medicine, Endeavour College of Natural Health, <b>AUSTRALIA</b>
<b>LUNCH</b>		
14:00 15:00	<b>Keynote Address</b>	<i>The Use of Homeoprophylaxis in Individual and Epidemic Use in Historical and Contemporary Practice.</i> <b>Lindsay Hickey, Sue Sanders</b> . RSHom, Complementary Medicine Centre, <b>UK</b>
15:00 15:55	<b>Working Session</b>	<i>Homeoprophylaxis on Agronomy</i>
<b>BREAK</b>		
16:05 18:00	<b>Working Session</b>	<i>Homeoprophylaxis on Veterinary</i>
19:00	<b>WELCOME COCKTAIL</b>	

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<b>Thursday 11, December, 2008</b>		
<b>Time</b>	<b>Activity</b>	<b>Topic / Presenter</b>
09:00 10:00	<b>Keynote Address</b>	<i>Homeopathic prophylaxis as an aspect of governmental programs aimed to prevent infectious contagious diseases.</i> <b>Kate Birch</b> , RSHom(NA). Author of <i>Vaccine Free Prevention and Treatment of Infectious Contagious Disease with Homeopathy: A Manual for Practitioners and Consumers.</i> <b>CANADA</b>
<b>BREAK</b>		
10:15 12:30	<b>Round Table</b>	<i>Homeoprophylaxis: Cuban Experiences on Leptospirosis</i>
<b>LUNCH</b>		
14:00 15:55	<b>Working Session</b>	<i>Homeoprophylaxis for Human use and epidemic diseases</i>
<b>BREAK</b>		
16:05 18:00	<b>Working Session</b>	<i>Homeoprophylaxis for Human use and epidemic diseases</i>
18:30 19:30	<b>DINNER</b>	
20:00	<b>SOCIAL ACTIVITY</b>	

<b>Friday 12, December, 2008</b>		
<b>Time</b>	<b>Activity</b>	<b>Topic / Presenter</b>
09:00 10:00	<b>Keynote Address</b>	<i>Nosodes, Genus Epidemicus and Complexes: Illustration of the Resources of Homeoprophylaxis for Treatment of Dengue and the Development of a Early Diagnostic Tool for Chagas Disease in Honduras.</i> <b>Martine Jourde, President of HTSF and SPHQ, CANADA</b>
<b>BREAK</b>		
10:15 12:30	<b>Round Table</b>	<i>Homeoprophylaxis: Cuban Experiences on Hepatitis and Conjunctivis.</i>
<b>LUNCH</b>		
14:00 15:10	<b>Working Session</b>	<i>Pharmacology and Technology</i>
<b>BREAK</b>		
15:20 17:30	<b>Free Discussion Session</b>	<ul style="list-style-type: none"> <li>– <i>Formulations and Posology</i></li> <li>– <i>Ethic Aspects, Barriers and Cornerstones</i></li> <li>– <i>Economic and Commercialization Issues</i></li> <li>– <i>Strategies for Massive Application</i></li> <li>– <i>Discussion and Coordination of Projects</i></li> <li>– <i>Networks and next meetings</i></li> </ul>
17:30 18:00	<b>CLOUSURE</b>	
18:00	<b>FAREWELL DINNER</b>	

## SCIENTIFIC PROGRAM

All scientific activities will take place at ROOM 3

**Wednesday 10, December, 2008**

Time	Presentation / Presenter
<b>Opening Lecture</b>	
10:30 11:15	<i>Panorama of Sanitary Regulations and Nosodes.</i> <b>Dr. Rafael Pérez Cristiá.</b> General Director of Regulatory Agency for Health Protection, MINSAP, CUBA
<b>BREAK</b>	
<b>Keynote Address</b>	
11:30 12:30	<i>Homeoprophylaxis: History, Foundations, Controversy, Practical Programs.</i> <b>Dr. Isaac Golden.</b> Head of School of Holistic Medicine Endeavour College of Natural Health, AUSTRALIA
<b>LUNCH</b>	
<b>Keynote Address</b>	
14:00 14:50	<i>The Use of Homeoprophylaxis in Individual and Epidemic Use in Historical and Contemporary Practice.</i> <b>Lindsay Hickey, Sue Sanders.</b> RSHom, Complementary Medicine Centre, UK
14:50	<b>Homeoprophylaxis on Agronomy</b> <i>Chairman: Dominik Lacroix</i> <i>Co-chairman: Dr. Aydiloide Bernal</i>
14:50 15:15	<i>Vegetal Tumour and Human Cancer; a Nosode Nosodum Chancrum. Plant tumours and their Analogous Human Tumours.</i> <b>Dominik Lacroix.</b> Heilpraktiker. FRANCE
15:15 15:40	<i>Highly Diluted Arsenic Affects Plant Resistance to Pathogens and Nutraceutical Properties.</i> <b>Grazia Trebbi.</b> Department of Agroenvironmental Sciences and Technologies. Bologna University, ITALY
15:40 15:55	<i>Utilization of the Homeopathy in the Clean up of the Foliar escaldadura in Sugar Cane.</i> <b>Dr. Aydiloide Bernal.</b> Territorial Station for Sugar Cane Research. Villa Clara – Cienfuegos (ETICA). CUBA
<b>BREAK</b>	
16:05	<b>Veterinary Homeoprophylaxis</b> <i>Chairman: Dr. German Guajardo</i> <i>Co-chairman: Dr. Luis E. Varela</i>
16:05 16:30	<i>Homoeoprophylaxis on the Farm.</i> <b>Tony Pinkus.</b> Director and Homoeopathic Pharmacist, Ainsworths, London, UK
16:30 16:55	<i>Application of Homeopathic Formulations as Preventive Programs on Productive Animals.</i> <b>Dr. Luis E. Varela.</b> Head of Veterinary Services, Agribusiness Enterprise Group, CUBA

16:55 17:15	<i>Evaluation of the Homeopathic Remedies Ledum 200c and Psorinum 200c, on the Control of Ticks on Bovines.</i> <b>Dr. German Guajardo.</b> Homeopathic Medical Association of Baja California. <b>MEXICO</b>
17:15 17:30	<i>Rehearse of Biotherapy (Nosode) in the Preventions against Illnesses Diarrhoea of the swinish breeding.</i> <b>Mario Cuesta.</b> Central University of Las Villas”, Department of Veterinary Medicine and Zootecny, <b>CUBA</b>
17:30 17:45	<i>Application of Hepatic Fasciola Nosode in bovine and ovine.</i> <b>Dr. Rigoberto Fernández</b> <b>Dra. Lidia Cabezas</b> Agribusiness Enterprise Group, <b>CUBA</b>
17:45 18:00	<i>Preliminary Observations on the Use of Homeopathic Formulations and Isopatics on the Red Diseases of Pigs.</i> <b>Idalys Garriga.</b> Agribusiness Veterinary Services, Enterprise Group, <b>CUBA</b>

### **Thursday 11, December, 2008**

<b>Time</b>	<b>Presentation / Presenter</b>	
<b>Keynote Address</b>		
09:00 10:00	<i>Homeopathic prophylaxis as an aspect of governmental programs aimed to prevent infectious contagious diseases.</i> <b>Kate Birch,</b> RSHom(NA) Author of Vaccine Free Prevention and Treatment of Infectious Contagious Disease with Homeopathy: A Manual for Practitioners and Consumers. <b>CANADA</b>	
<b>BREAK</b>		
10:15	<b><i>Homeoprophylaxis: Cuban Experiences on Leptospirosis</i></b> <b>Chairman: Dr. Concepción Campa</b> <b>Cochairman: Dr. Raúl Cruz</b>	
10:15 12:30	<ul style="list-style-type: none"> <li>– <i>Epidemiology Situation in Cuba</i></li> <li>– <i>Emergency on Natural Disasters</i></li> <li>– <i>Application Strategies</i></li> <li>– <i>Epidemiology Surveillance</i></li> <li>– <i>Next Steps</i></li> </ul>	Dr. Concepción Campa Dr. Jorge Menéndez Dr. Rubén Martínez Dr. Esperanza Gilling Dr. Gustavo Bracho
<b>LUNCH</b>		
14:00	<b><i>Homeoprophylaxis for Human use and Epidemic Diseases</i></b> <b>Chairman: Dr. Isaac Golden</b> <b>Co-chairman: Dr. Jaime Alexander Mora</b>	
14:00 14:50	<i>Homeoprophylaxis: Research Demonstrating the Effectiveness and Safety.</i> <b>Dr. Isaac Golden.</b> Head of School of Holistic Medicine Endeavour College of Natural Health, <b>AUSTRALIA</b>	
14:50 15:30	<i>Malaria Prevention &amp; Treatment in Endemic Areas of Kenya.</i> <b>Barbara Lynne.</b> Abha Light Foundation, Nairobi <b>KENYA</b>	
15:30 15:55	<i>Results from the Application of Homeopathic Vaccine again Flu.</i> <b>Dra. Rosalía Villoldo Pérez.</b> International School for Homeopathy, Homeociencia.org. <b>ARGENTINA</b>	

<b>BREAK</b>	
16:05 16:30	<i>Prevention of Pulmonary TB with Tuberculinum Nosode: Preliminary Results.</i> <b>Dra. Esperanza Gilling.</b> Director of Provincial Center for Homeopathy, Holguín, <b>CUBA</b>
16:30 16:55	<i>Program for Homeopathic Homeoprophylaxis.</i> <b>Dr. Jaime Alexander Mora.</b> HTSF, <b>CANADA</b>
16:55 17:15	<i>Aplication of Bach´s Nosodes.</i> <b>Dra. Rosalía Villoldo Pérez.</b> International School for Homeopathy, Homeociencia.org. <b>ARGENTINA</b>
<b>Experimental Homeoprophylaxis</b>	
17:15 17:30	<i>Effects of a new nosode from HIV patient with oral candidiasis in Ma104 cell line.</i> <b>Carla Holandino.</b> Universidade Federal do Rio de Janeiro, <b>BRASIL</b>
17:30 17:45	<i>Experimental and Clinic Experiences with Nosodes.</i> <b>Dra. Myrna Quintero Díaz.</b> Instituto de Gastroenterología. Ciudad de la Habana, <b>CUBA</b>
17:45 18:00	<i>Antiviral activity of influenzium infectious nosode: an in vitro study.</i> <b>Carla Holandino.</b> Universidade Federal do Rio de Janeiro, <b>BRASIL</b>

### **Friday 12, December, 2008**

Time	Presentation / Presenter
<b>Keynote Address</b>	
09:00 10:00	<i>Nosodes, Genus Epidemicus and Complexes: Illustration of the Resources of Homeoprophylaxis for Treatment of Dengue and the Development of a Early Diagnostic Tool for Chagas Disease in Honduras.</i> <b>Martine Jourde.</b> President of HTSF and SPHQ, <b>CANADA</b>
<b>BREAK</b>	
10:15	<b><i>Homeoprophylaxis: Cuban Experiences on Hepatitis and Conjunctivis</i></b> <b>Chairman: Dr. Esperanza Gilling Martínez</b> <b>Co-chairman: Lic Carlos C Callava Coure</b>
10:15 10:45	<i>Use of VHA Nosode in Holguín Province: Results from 2007 to 2008.</i> <b>Dra. Esperanza Gilling.</b> Director of Provincial Center for Homeopathy, Holguín, <b>CUBA</b>
10:45 11:00	<i>Homeopathic Treatment of Hepatitis A Outbreak.</i> <b>Dr. Jorge Luis Campistrous.</b> National Center for Traditional and Natural Medicine. CENAMENT MINSAP, <b>CUBA</b>
11:00 11:15	<i>Homeopathic Treatment of Hepatitis A Epidemic Outbreak: Cacocum 2004.</i> <b>Dra. Esperanza Gilling.</b> Director of Provincial Center for Homeopathy, Holguín, <b>CUBA</b>
11:15 11:30	<i>Use of Homeosor I in Two Outbreaks of Hepatitis A in Holguin City, Cuba 2008.</i> <b>Dra. Maria de los Angeles Salerno.</b> Provincial Center for Hygiene and Epidemiology, Holguín, <b>CUBA</b>
11:30 11:45	<i>Clinical Evaluation of Homeopathic Treatment on Carriers Patients of VHA.</i> <b>Dra. Magaly V Carrero.</b> ISMM Dr. LUIS DÍAZ SOTO, Havana City, <b>CUBA</b>
11:45 12:10	<i>Preliminary Experiences of the Homeoprophylactic Intervention on Conjunctivitis Outbreak in Pinar del Río.</i> <b>Lic Carlos C Callava.</b> Coordinator of TNM Program, P del Río, <b>CUBA</b>

12:10 12:30	<i>Comparison of Homeopathic and Non homeopathic treatments on Viral Epidemic Conjunctivitis.</i> <b>Dr. Lucio Ramón González.</b> Juan B. Contreras Polyclinic, Ranchuelo VC, <b>CUBA</b>
<b>LUNCH</b>	
14:00	<b><i>Pharmacology and Technology</i></b> <b>Chairman:</b> Luc Delem <b>Co-Chairman:</b> Dr. German Guajardo
14:00 14:30	<i>Tecnologies for nosode production.</i> <b>Luc Delem.</b> President of Homeodel, <b>CANADA</b>
14:30 14:50	<i>Cuba, Sugar and Homeopathic Impregnation.</i> <b>Dr. German Guajardo.</b> Homeopathic Medical Association of Baja California. <b>MEXICO</b>
14:50 15:10	<i>Development and Large Scale Production of nosoLEP.</i> <b>MSc. Rolando Fernandez.</b> Biotherapcis Laboratory, Finlay Institute, <b>CUBA</b>
<b>BREAK</b>	
15:20	<b><i>Free Discussion Session</i></b> <b>Chairman:</b> Martine Jourde <b>Co-chairman:</b> Concepción Campa
15:10 17:30	<ul style="list-style-type: none"> <li>– <i>Formulations and Posology</i></li> <li>– <i>Ethic Aspects, Barriers and Cornerstones</i></li> <li>– <i>Economic and Commercialization Issues</i></li> <li>– <i>Strategies for Massive Application</i></li> <li>– <i>Discussion and Coordination of Projects</i></li> <li>– <i>Networks and next meetings</i></li> </ul>
17:30 18:00	<b><i>Closure</i></b>
18:00	<b><i>Farewell Dinner</i></b>



## **ABSTRACTS / RESÚMENES**

### **Keynote Address / Conferencias Magistrales**

**Wednesday, 10, December, 2008**

**Miércoles 10, Diciembre, 2008**

#### **Homeoprophylaxis: History, Foundations, Controversy, Practical Programs**

**Isaac Golden**

Head of School of Holistic Medicine  
Endeavour College of Natural Health  
AUSTRALIA

The history of Homeoprophylaxis (HP) from Hahnemann to today will be presented. The conceptual foundations of the method will be examined in the light of the Law of Similars. Current controversies surrounding HP will be discussed. Finally, some short and long term HP programs will be described, including Dr Golden's long term HP program for general useage.

Dr Hahnemann referred to prophylaxis in the Organon, Chronic Diseases, Materia Medica Pura, and in a number of essays in Lesser Writings. Reference will be made to these and other contributions to show that HP has been a part of mainstream homoeopathy from the very beginning.

The philosophical underpinnings of HP will be discussed, with special reference to the Law of Similars on which both treatment and prevention within homoeopathy are based.

HP is not universally accepted within the homoeopathic community, let alone the wider allopathic community. These areas of potential disagreement will be reviewed and discussed at some length.

Dr Golden's long term HP program will be described, as well as options for short term prevention of targeted infectious diseases.

#### **The Use of Homeoprophylaxis in Individual and Epidemic Use in Historical and Contemporary Practice**

**Lindsay Hickey, Sue Sanders RSHom**

Co-Director, Complementary Medicine Centre,  
UK

##### **Objective:**

The study aims to demonstrate the effective use of homeoprophylaxis, both historical and contemporary and its future potential.

##### **Method:**

A pragmatic and statistical study of the historical and contemporary use of homeoprophylaxis. An examination of the cost effectiveness and the ease of delivery of homeoprophylactic remedies.

##### **Results:**

Demonstration of effectiveness of homeopathic nosodes and remedies in epidemics with particular reference to the influenza epidemics of the 20th century and the potential Avian Flu pandemic of the 21st century. Demonstration of the optimum potency, dosage, frequency and repetition of the homeopathic prescription.

##### **Conclusion:**

It is shown that homeopathic nosodes and remedies have historically been an effective prophylaxis against epidemics and the studies on influenza prove its contemporary relevance. Homeopathic nosodes and remedies are a cost effective method of prophylaxis which is easy to deliver. Derived from these studies the establishment of an hypothesis of protocols for homeoprophylaxis where there is no current vaccine eg mononucleosis, antibiotic resistant TB, herpes zoster.

*Thursday, 11, December, 2008*  
*Jueves 11, Diciembre, 2008*

**Homeopathic prophylaxis as an aspect of governmental programs aimed to prevent infectious contagious diseases**

**Kate Birch, RSHom(NA).**

Author of Vaccine Free Prevention and Treatment of Infectious Contagious Disease with Homeopathy: A Manual for Practitioners and Consumers. View the book at: [www.trafford.com/4dcgi/viewitem?item=19649](http://www.trafford.com/4dcgi/viewitem?item=19649)

Since 1990 Kate has over 1900 hours in homeopathic and clinical education and has studied under many international masters of homeopathy. Kate has a general practice for men, women and children for all health concerns from infancy throughout life. She lives and practices in Minneapolis, MN. From 2005 2008 she served as the Vice President of the North American Society of Homeopaths. Throughout this time she was involved in dialog between North American homeopathic organizations for the promotion of a more unified profession. In the fall of 2007 she had the opportunity to represent NASH at the inaugural International Council of Homeopaths in Heidelberg Germany. In order to help address the ever growing number of children suffering from autism and vaccine damage, and knowing that homeopathy has a lot to offer in terms of prevention of disease, the treatment of epidemics, and the treatment of vaccine injury, Kate set her self on the task of compiling the most comprehensive book to date on homeopathy with regards to this subject. Published in the spring of 2007, her book **Vaccine Free Prevention & Treatment of Infectious Contagious Disease With Homeopathy: A Manual for Practitioners and Consumers** comes at an important time when parents, practitioners and law makers are looking for alternatives to vaccinations. Future work is aimed at the implementation of homeopathy as a public health care measure for the prevention and treatment of infectious contagious disease locally and internationally. To these ends Kate is interested in working with local governments and communities in developing homeopathic clinics that can serve their communities in this capacity.

Outline:

- The positive role of acute disease in health the individual and groups of individuals
- Infectious contagious disease takes hold when there is susceptibility in the individual or local population
- Homeopathic approach verses the allopathic approach
- The role of healthcare providers as they determine appropriate homeopathic prophylaxis/Genus Epidemicus
- Role of healthcare providers in the government
- Goals of homeopathic treatment and prevention
- Example; Cholera epidemic of 1840's in France

**Homeoprphylaxis on Agronomy**  
**Wednesday, 10, December, 2008**  
**Homeoprofilaxis en Agronomía**  
**Miércoles 10, Diciembre, 2008**

**Agronomy / Agronomía**

**Highly diluted arsenic affects plant resistance to pathogens and nutraceutical properties**

***Grazia Trebbi<sup>1</sup>, Maria Grazia Fantino<sup>1</sup>, Giovanni Dinelli<sup>1</sup>, Ilaria Marotti<sup>1</sup>, Daniele Nani<sup>2</sup>, Lucietta Betti<sup>1</sup>***

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Fax. 0039 051 2096770; e mail: [grazia.trebbi@unibo.it](mailto:grazia.trebbi@unibo.it); <sup>2</sup>Società Italiana Medicina Antroposofica, Milano, Italy

In recent decades intensive agriculture posed severe environmental problems with detrimental consequences on human health. For this reason, in recent years there has been a spread of environmentally and economically sound agricultural methods. Among these, organic production systems are now under widespread development. In this context homeopathic preparations, due to their extreme dilutions, could be suitable for use in organic agriculture. The present work is aimed at evaluating the effects of highly diluted arsenic trioxide (As<sub>2</sub>O<sub>3</sub>) on three plant models: 1) Tobacco plants carrying the TMV resistance gene N inoculated by tobacco mosaic virus (TMV); 2) Cauliflower inoculated by the fungus *Alternaria brassicicola*; 3) *In vitro* bean germination

1) In this model (Betti et al., 2003), As<sub>2</sub>O<sub>3</sub> treatment was chosen on the basis of the hypersensitive like reaction (necrotic spots) induced by As<sub>2</sub>O<sub>3</sub> in phytotoxic concentration on healthy tobacco leaves (Lazzarato et al., 2008). The experimental set up consisted in a blind, randomized scheme using tobacco leaf disks. TMV inoculated leaf disks were floated for 3 days in the homeopathic treatments and in control (distilled water). The working variable was the area and the number of hypersensitive lesions per disk evaluated 3 days after virus inoculation. Results showed that 5 and 45 decimal potencies of arsenic induced significant reductions of area and number of necrotic lesions vs. control.

2) In cauliflower/*Alternaria brassicicola* model (Trebbi et al., 2008), growth chamber (i) and field (ii) experiments were performed: (i) As<sub>2</sub>O<sub>3</sub> 35 dH (As), As diluted 1:5000 and a bentonite treatment (10 g/l) were compared with copper oxichloride (Cu) at 0.3, 1, and 3 g/l, and β aminobutyric acid (BABA, 5 mM), the control being water; (ii) the field was divided in plots (6 plants/treatment), each treatment being replicated four times in a randomized complete block design. Treatments were sprayed weekly on the leaves before and after artificial fungal inoculation. Results of (i) confirmed the significant effect in disease control of As (infection level reduction vs. control of about 40%); Cu and BABA significantly reduced disease severity. In (ii), disease assessments on cauliflower heads showed a similar and significant reduction of disease symptoms for As, bentonite and Cu 3 g/l, with a relative efficacy vs. control of 46%, 42%, 45%, respectively. Moreover, As treatments induced an increase of total glucosinolate content in healthy cauliflower heads.

3) *In vitro* bean germination experiments are still in progress: the aim is to verify the effects of highly diluted treatments on germination percentage and rate; moreover, an evaluation of nutraceutical properties (phytoestrogens and melatonin content) will be performed.

References

Betti L, Lazzarato L, Trebbi G, Brizzi M, Calzoni GL, Borghini F, Nani D. (2003): Effects of homeopathic arsenic on tobacco plant resistance to TMV: theoretical suggestions about system variability, based on a large experimental dataset. *Homeopathy* 92: 195-202,

Lazzarato L, Trebbi G, Pagnucco C, Franchin C, Torrigiani P, Betti L. (2008): Exogenous spermidine, arsenic and b aminobutyric acid modulate tobacco resistance to tobacco mosaic virus, and affect local and systemic glucosylsalicylic acid levels and arginine decarboxylase gene expression in tobacco leaves. J Plant Physiol. doi: 10.1016/j.jplph.2008.01.011

Trebbi G, Fantino MG, Dinelli G, Marotti I, Burgio G, Nani D, Betti L. (2008): Effects of homeopathic and mineral treatments on dark leaf spot caused by *Alternaria brassicicola* on cauliflower. Proceedings of the Second scientific Conference of the International Society of Organic Agriculture Research (ISO FAR) held at the 16th IFOAM Organic world congress "Cultivate the future: cultivating the future based on science", Modena 16 20 June 2008

## **Vegetal Tumour and Human Cancer; a Nosode Nosodum Chancrum. Plant tumours and their analogous human tumours**

**Dominik Lacroix,**

*Heilpraktiker. France*

Plant parasite tumours have always intrigued pathologists and many attempts have been made to connect them to animal tumours. Plant tumours can fall into various categories, both by their nature and by the agents that cause them. We can at least distinguish the tumours or galls caused by insect bites, which are also called zoöecidia and nearly always consist of relatively circumscribed outer growths (comparable to benign tumours). Other well known bacteria are *Bacillus tumefaciens* and *Agrobacterium tumefaciens*. These cause the illness known as "crown gall" or collet tumour in some vegetables and trees, which were studied by E. Smith in 1924 and would have been found by other researchers of this period in various human tumours. Injecting these bacteria into a tree or other plants leads to the production of puffy, burgeoning tumours; hence the similarity to human tumours noted by many observers. Bit by bit these tumours infiltrate healthy tissue, recurring after incomplete ablation and growing surprisingly far from the primary site of the tissue cell elements. This is the equivalent of metastases. Thus a secondary site in a leaf will reproduce from the neoplastic tissue of the stem at the exact site of the primary tumour. We now know that this bacterium is fostered by an infectious viral RNA (Beljanski). Finally, the bacteria in carrier plants produce a cachexia comparable to that in cancerous animals, though generally less pronounced. This is a good definition of the theory of signatures. A few years ago, a small laboratory in Morges, Switzerland marketed an anatoxin for cancer treatment from a *Phytomonas tumefaciens* extract. Production ceased in the 1990s. Another infectious agent, which also creates very irregular proliferations and seems to have a capacity to grow endlessly, is the fungal canker. This infects pear and apple trees, as well as some forest trees such as beech. In most cases *Nectria ditissima* is the immediate cause. In the 1900s, French scientist Marie Bra discovered the human cancer blastomyces, a type of yeast similar to the spores, spherules, conidia and hyphae of the well known plant parasite *Nectria*, as well as morphological similarities that made them almost identical. Researchers have also injected human parasite cultures into trees in the Medon (France) forest far from any canker stains. Six months later cankers will appear on ash, cherry and sycamore maples. In an elm affected by a generalized cancer, twenty or more cankers choke the bark. The seeding of these tumours produces cultures. Marie Bra thus prepared an anatoxin from plant cankers that she named *nectriamine*, treating and sometimes healing a number of people who had cancer. The same is true today, even though we acknowledge that stomach and pancreatic cancer may be exacerbated by chronic bacterial infection from *Campylobacter pylori*. Also, viroids are RNA viruses that usually affect only plants, but may affect humans. The hepatitis D virus may be a variation of the hepatitis B virus associated with a viroid, a condition linked to serious forms of the disease. Virology has some bright days ahead in the study of cirrhosis, fulminant hepatitis, chronic infection and liver cancer. To sum up, the specific issue of cancer etiology remains to be solved and new hypotheses are still welcome. The fundamentals of *Nosodum chancrum* are based on the *Treatise on Dynamized Micro immunotherapy*, which emphasizes the predominant role of the general constitutional remedy. *Nosodum chancrum* is prepared exclusively from cankers on trees selected for a particular

physical description. The bacteriology of these plant substances corresponds to the observations of the cited authors. Modes of use are qualified by the method of application, which is in a weak homeopathic dilution. These properties make it an area remedy that revives and stimulates the body's autoimmune system by changing the constitution of the organ or field. They slow down or inhibit various neoforment processes.

### **Utilización de la Homeopatía en el saneamiento de la escaldadura foliar en Caña de Azúcar a través del cultivo de meristemo.**

**Aydiloides Bernal Villegas**<sup>1</sup>, Lucio R. González<sup>3</sup> Ariel Arencibia Rodríguez<sup>2</sup>, , Elba Álvarez<sup>4</sup>, Carlos M. Zayas<sup>2</sup>, Mayra Jiménez Vázquez<sup>1</sup>, Odalys Rivera Fernández<sup>1</sup>, Irenaldo Delgado Mora<sup>1</sup>

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2. Instituto de Nacional de Investigaciones de la Caña de Azúcar.

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Los resultados se obtuvieron en la Biofábrica de la Estación Territorial de Investigaciones de la Caña de Azúcar Villa Clara – Cienfuegos, donde se llevó cabo la micropropagación de la caña. Para lo cual se estudiaron 5 tratamientos (4 homeopáticos o elicitores I, II, III, IV, para la inducción de respuesta defensiva de vitroplantas de Caña de Azúcar a enfermedades sistémicas producidas por bacterias, específicamente contra *Xanthomonas albilineans* y un control sin la inclusión de ninguna sustancia homeopática (V), con 3 replicas y 3 momentos diferentes, y finalmente se estudiaron un total de 105 muestras. El material inicial de propagación (meristemas), provenían de donantes con sintomatología típica de la enfermedad escaldadura foliar, provocada por *Xanthomonas albilineans* tomada por especialistas en el diagnóstico de dicha patología en condiciones de campo; a las cuales se le realizó el correspondiente estudio de positividad a infección con *Xanthomonas albilineans*, mediante la técnica del Látex globulina, dando respuesta al saneamiento todos los tratamientos a excepción del testigo.

**Homeoprphylaxis on Veterinary**  
**Wednesday, 10, December, 2008**  
**Homeoprofilaxis en Veterinaria**  
**Miércoles 10, Diciembre, 2008**

**Homoeoprophylaxis on the Farm**

**Tony Pinkus**

Director and Homoeopathic Pharmacist,  
Ainsworths, London, UK

The credibility of homoeopathy as a serious alternative to conventional medicine needs to be recognized and experienced at a grass root level in order to persuade a larger audience of its value. Empirical evidence from commercial dairy and sheep farms demonstrates there is wide scope from veterinary use of remedies to engender a reappraisal of homoeopathy for disease control.

Homoeopathy as both a logical alternative to conventional medicine and an economic imperative in commercial sheep and dairy farms can be demonstrated by the introduction of homoeoprophylaxis and treatment with nosodes as the initial learning step for farmers.

Pilot studies on two separate farms within the UK demonstrate a significant and maintained reduction in somatic cell count at both a herd and individual level. A study on a third farm demonstrates the rapid resolution of a common, stress related viral infection in sheep after treatment with a nosode.

As a result of this work, over 5000 UK farms have used homoeopathy for prophylaxis and treatment of commercial animal stock, including cattle, pigs, sheep, goats and chickens.

**Aplicación de formulaciones homeopáticas en programas preventivos para animales productivos**

**Dr. Luís E. Varela Castillo**, Dra. Idalys Garriga González, Lic. Maria Eugenia Ramos y Dr. Wilfredo Bernardo Pérez

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Se señalan los resultados obtenidos por aplicación de formulaciones homeopáticas diseñadas por la aplicación del Método homeopático, señalando los pasos para aplicar el Genio epizoótico, aplicando las formulaciones por el Método Plus y el Plus Plus en el agua de bebida, inicialmente en algunos de los síndromes clínicos más frecuentes en aves y cerdos y luego conformando programas preventivos de salud con estas formulaciones. Se presentan los indicadores bioproductivos logrados en algunas poblaciones de animales.

**Evaluación de los medicamentos homeopáticos Ledum 200c y Psorinum 200c en el control de las garrapatas en ganado bovino**

R. J. López; **G.H. Guajardo**; R. Reyes; María L. Domínguez; E.L. Fleitas; Gretel López

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La garrapata, presente en países tropicales, causa lesiones sobre la piel de los animales, provocando trastornos diversos incluso la muerte. Se han ensayado múltiples tratamientos químicos como el Esteladón 300, un órgano fosforado relativamente estable en medios ligeramente ácidos o neutros, así como métodos biológicos, etc. Se evalúa de forma experimental la efectividad de los fármacos homeopáticos Ledum palustre 200c y Psorinum 200c en esta afección, mediante un diseño de clasificación simple de comparación por grupos durante 100 días en una Granja de la Empresa Pecuaria

Genética de la provincia de Matanzas, Cuba. En ambos grupos se valora la infestación por garrapatas y se homogeneizan mediante un baño garrapaticida. Uno recibe la medicación homeopática, y el otro permanece como grupo control. Los resultados se evaluaron por el método computarizado Statgrafics. Se detectó una marcada diferencia entre ambos grupos siendo las medias de infestación del grupo tratado significativamente inferiores al grupo no tratado con una  $p < 0.005$ . Asimismo fueron importantes los beneficios económicos que reporta este tipo de tratamiento en nuestro país.

### **Ensayo de un bioterapéutico (Nosode) en las profilaxis contra enfermedades gastroentéricas de las crías porcinas**

**\*Mario Cuesta Mazorra**, Gianko A. Fernández Prieto, Axis Cuesta Soria, Idania Hernández Roque, Yanetsy Ruiz González y Marisol Gutiérrez Parra

\*Universidad Central "Marta Abreu de Las Villas" Facultad de Ciencias Agropecuarias. Departamento de Medicina veterinaria y Zootecnia. ( E Mail: macuma@uclv.edu.cu)

Se utilizaron para ello 48 cerdas reproductoras de raza York Lang y 459 crías porcinas, conformándose 4 grupos de tratamiento equitativos (1, 2, 3 y 4). Las cerdas reproductoras del grupo 1 recibieron tratamiento con el bioterapéutico o nosode a razón de 5 ml impregnado en azúcar refino 7 días antes del parto en dosis única por vía oral. El grupo 2 recibieron tratamientos con el bioterapéutico nosode, las cerdas a razón de 5 ml impregnado en azúcar refino 7 días antes del parto en dosis única y 1 ml por vía oral a la mitad de la camada (crías) una vez concluido el parto. El grupo 3 no recibieron tratamientos las cerdas reproductoras y se trató la camada (crías) completa una vez concluido el parto. El grupo 4 (Control) no recibió tratamiento. En los resultados obtenidos, el número de crías que presentaron síndrome diarreico desde el nacimiento hasta el destete (35-40 días) en las camadas de las cerdas de grupos tratamientos 1, 2, 3 y 4 fueron 30 (27.52 %), 27 (22.31 %), 15 (12.39%) y 51(44.34%) respectivamente; encontrándose diferencias estadísticas significativas ( $p \leq 0.05$ ) entre las proporciones y cantidades de crías porcinas enfermas y con síndromes diarreicos de los grupos 1, 2 y 3 (tratados) al compararlo con el grupo 4 (no tratado o control). Concluyéndose acerca de la eficacia técnica y preventiva de la utilización del Nosode como homeoprofilaxis contra los síndromes diarreicos en las crías porcinas.

### **Aplicación de Nosode Fasciola hepática en bovinos y ovinos.**

**Dr. Rigoberto Fernández Aguado y Dra. Lidia Cabezas Barreras**

Grupo Empresarial Agropecuario,  
Pinar del Río. CUBA

#### Bovinos:

Se escogió aleatoriamente 40 toros de ceba, mestizos Holstein x Cebú, con un peso promedio de 400 Kg, mantenidos con idénticas condiciones de manejo y alimentación. Se les realizó un examen coprológico al 100% de los animales (Tabla 1); se les trató homeopáticamente con un Nosode de Fasciola hepática a la 1000 CH durante tres días consecutivos por vía oral, a razón de 1 ml por animal y a los diez días del tratamiento, se les repitió el examen de coprología comprobatorio (Tabla 2). El nivel de similitud utilizado fue el etiológico. En la Tabla 2 se observó que en el segundo muestreo solo aparecieron 4 positivos de los 19 que existían anteriormente recuperándose 15 animales, después de transcurrir 10 días del tratamiento utilizado, lo que habla a favor de la significativa efectividad del nosode. Se presentan las observaciones macroscópicas de los hígados de los animales sacrificados.

#### Ovinos:

Se escogió aleatoriamente 36 ovinos Pelibuey, mantenidos con idénticas condiciones de manejo y alimentación. Se les realizó un examen coprológico al 100% de los animales (Tabla 1); se les trató homeopáticamente con un Nosode de Fasciola hepática a la 1000 CH durante tres días consecutivos por vía oral, a razón de 1 ml por animal y a los diez días del tratamiento, se les repitió el examen de coprología comprobatorio (Tabla 2). El nivel de similitud utilizado fue el etiológico. En la Tabla 2 se

observó que en el segundo muestreo solo aparecen 5 positivos de los 14 que existían anteriormente recuperándose 9 animales, después de transcurrir 10 días del tratamiento utilizado, lo que habla a favor de la significativa efectividad del nosode. Se presentan las observaciones macroscópicas de los hígados de los animales sacrificados.

### **Observaciones preliminares del uso de formulaciones homeopáticas e isopáticos en enfermedades rojas del cerdo**

***Dra. Idalys Garriga González, Dr. Luís E. Varela Castillo y Dr. José Gutiérrez Díaz***

Grupo Empresarial Agropecuario

Ciudad Habana, **CUBA**

Este trabajo se realizó en una granja porcina, con una masa total de 811 cerdos, de ellos 599 de la categoría preceba. Esta unidad resultó foco activo de Cólera Porcino en el año 1998. En Junio del 2002 categorizó como foco pasivo, con evidencias de circulación viral de Cólera, determinado por los resultados anatomopatológicos y virológicos. Durante este período se diagnosticó por laboratorio, anatomopatológico y estudio epizootiológico Salmonella y Disentería Hemorrágica. Se realizó la aplicación del Genio epizoótico, se repertorizó y diseñó una formulación homeopática considerando los niveles de similitud patogénico, etiológico y lesional. Se presentan los resultados considerando la Salubridad, el Nivel Clínico Nutricional y la Viabilidad.



## **Homeoprophylaxis: Cuban Experiences on *Leptospirosis***

**Thursday, 11, December,**

## **Homeoprophylaxis: Experiencias cubanas en *Leptospirosis***

**2008 / Jueves 11, Diciembre, 2008**

***Dr. Concepción Campa, Dr. Luis E. Varela, Dr. Esperanza Gilling, MCs. Rolando Fernández, Tec. Bárbara Ordaz, Dr. Gustavo Bracho, Dr. Luis García, Dr. Jorge Menéndez, Lic. Natalia Marzoa, Dr. Rubén Martínez.***

Despite, the Finlay Institute is a centre dedicated to development and production of vaccines; we also bring ours WHO qualified facilities for all homeopaths and homeopathic medicine. The Finlay Institute acts as supporting institution for research, production and development of high quality homeopathic products. However, according with the social objective addressing prevention of infectious diseases, we are focused on homeo prophylaxis as strategy to attenuate the impact of preventable diseases on developing world, the ones that need it the most.

Thus, development and evaluation of nosodes, appears to be our main approach to fill up the breakthrough on current conventional strategies based on vaccination. Similarly with vaccination interventions, massive applications of prophylactic nosodes give rise to a greater impact on population health compared with individualized therapies. In addition, the easy administration and low economics resources needed, become this alternative really suitable and accessible for developing countries and almost the best for emergency situations comprising epidemic outbreaks and natural disasters. The Cuban experiences of massively administrated nosodes supports it use as promising solution to confront epidemiological dangerous situations.

On October November 2007, three provinces of the eastern region of Cuba were affected by strong rainfalls causing floods of big areas and several damages to sanitary and health systems. The risk of leptospirosis infection raised extremely dangerous levels with about 2 million of peoples exposed to potentially contaminated water.

Considering this situation, the Finlay Institute prepared a leptospira nosode 200 CH using 4 circulating strains and following international quality standards. A multidisciplinary team travelled to the affected regions to conduct the massive administration of the nosode. Coordinated action with public health system infrastructures allowed the administration of a preventive treatment consisting in two doses (7 9 days apart) of the nosode to about 2,4 million of people (4,8 million of doses). The coverage of the intervention rose up to 95% percent of total population of the three provinces at risk.

The epidemiology surveillance after the intervention showed a dramatic decrease of morbidity two weeks after and a reduction to cero of mortality of hospitalized patient. The number of confirmed leptospirosis cases remains at low levels and bellow the expected levels according with the trends and rain regimens.

A reinforcing application was given after the hit of the hurricane IKE but using the nosode diluted up to 10 MC. Strict epidemiologic surveillance is carried out on this provinces. Up to date result will be presented.

The results supported the design of new strategies for leptospirosis control. This experience could be extended to other diseases and other countries. The Finlay Institute is offering our facilities and specialists to spread this alternative to all regions needing emergent alternatives for epidemic control and prevention.

## **Homeoprophylaxis for Human use and epidemic diseases**

**Thursday, 11, December, 2008**

## **Uso Humano de la Homeoprophylaxis contra Enfermedades Epidémicas**

**Jueves 11, Diciembre, 2008**

## **Homeoprophylaxis: Research Demonstrating the Effectiveness and Safety**

**Isaac Golden**

Head of School of Holistic Medicine  
Endeavour College of Natural Health  
AUSTRALIA

he practical use of both short and long term HP should be based on evidence and experience. Most critics of HP from within as well as outside the homoeopathic community are unaware of the significant evidence which does exist. This evidence will be presented and discussed.

There has been a considerable amount of evidence supporting the effectiveness and safety of HP from 1798 to today, of varying types and quality. It appears that many within the homoeopathic community are unaware of this evidence, and most outside it choose to ignore it.

Both short term and long term studies will be examined in detail. In particular, the Mroninski et al study in Brazil and Golden's research from 1986 to 2004, provide different but considerable evidence of the effectiveness of HP. This supports a single figure measure of around 90% effectiveness, and is supported by previous studies as well as historical clinical experience.

The short term safety of HP comes from the fact that potentially toxic materials are not present in the medicines, although short term reactions to the medicines are possible. Golden has quantified the percentage and severity of these reactions in his research, and both are very low.

Some homoeopaths have questioned the long term safety of HP, suggesting that the long term use of high potencies in healthy children could have a negative energetic effect. This issue is addressed through research findings.

It is suggested that on the basis of evidence alone, it is possible to say that HP provides a significantly effective method of prevention against targeted infectious diseases, and is safe both in short and long term use. Evidence actually suggests that appropriate HP may improve overall wellbeing of the recipient.

## **Malaria Prevention & Treatment in Endemic Areas of Kenya**

**Barbara Lynne**

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Over ten years of successful malaria preventative medicine has been practiced by the Abha Light Foundation in Kenya. From this experience, and based on the simple principles of homeopathy, effective homeopathic medicines have been developed as prophylaxis utilizing nosodes and other remedies. It is a cheap, effective protocol of remedies that can be readily distributed throughout endemic areas. In 2008, ALF supplied a local group for a project in which 1000 families, from the malaria high risk area of Lake Victoria, were supplied with malaria prophylaxis with great success.

## **Programa de Homeoprofilaxis Homeopática**

**Jaime Alexander Mora** y Grupo Interdisciplinario

HTSF, **CANADA**.

Desde hace aproximadamente 12 años, iniciamos un programa de homeoprofilaxis homeopática que consistía en dar a los pacientes el nosode correspondiente a los protocolos de vacunación tradicional,

mezclado con un medicamento antiviral denominado vincetoxicum y uno antibacteriano en este caso echinacea.

Estos medicamentos se van tomando cada 15 días iniciando a partir del día 20 de nacido.

Por ejemplo: tuberculinum nosode + echinacea mezclado en alcoholatura al 10%, y administrando 10 gts, 1 vez al día, por 15 días, hasta la nueva dosis homeopropiláctica. Y así continuando hasta terminar el ciclo completo, que se repite al año de vida, a los 3 años, a los 5 años y a los 7 años.

Durante estos años se realizaron pruebas anuales de anticuerpos contra antígenos de superficie, para Hepatitis B en estos niños, encontrando en ellos respuestas positivas; en muchos casos teniendo en cuenta los valores de respuesta de protección de acuerdo a los estándares establecidos, tenemos 17 niños con vacunación biológica y 9 niños con vacunación mixta.

1. Observamos que la respuesta de antígenos es muy variada; en algunos niños se logra protección baja antes del año, otras entre el segundo y tercer ciclo de vacunación y finalmente otros a partir del tercer ciclo.
2. En mayoría quedaron con protección baja.
3. Concluimos que con los nosodes se está logrando una protección que se debe a la posibilidad que sean amplificadores de potencias inmunes o reguladores de las mismas.
4. Estos niños son 100% sanos, hasta el momento no han presentado ningún tipo de patología que implique el no haber tenido vacunación tradicional.
5. Por el contrario son niños con características de salud diferentes a otros o a sus hermanos, como lo han afirmado sus padres.
6. Continuaremos en el proceso de investigación, para poder entregar mejores resultados y respuestas a las inquietudes que este acto biológico y antihomotóxico sugiere.
7. Lamentamos que la adquisición de nosodes en presentación inyectable este siendo descontinuada, porque de igual manera tendremos que buscar otras alternativas o dejar este proyecto en el camino.
8. Cuando observamos las consecuencias que van desde las enfermedades leves, hasta enfermedades crónicas o mortales, se hace indispensable que las autoridades adviertan a los padres del riesgo.
9. No es posible que la política sanitaria se haga de acuerdo a la conveniencia de los laboratorios.
10. Es necesario que las autoridades sanitarias consideren que en todo programa de inmunización los riesgos inherentes al mismo deben ser menores que los riesgos probables de la epidemia que se trata de controlar.
11. En mi criterio las vacunas no deberían ser obligatorias y deberían prohibirse aquellas que no son efectivas o que provocan efectos adversos.
12. Cada ciudadano tiene derecho de buscar información, para tomar una decisión libre y responsable.

### **Experimental studies / Estudios experimentales**

#### **Effects of a new nosode from HIV patient with oral candidiasis in Ma104 cell line**

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The oral candidiasis is an infection mainly caused by fungus of the specie *Candida albicans*. Very common among children, the disease affects mainly patients with hormonal disturbs such as pregnant women and diabetic individuals, besides HIV and immunosuppressed patients. Characterized by white plates, this pathology can appear on the tongue and inside the cheeks. The goal of this study is to develop a new nosode from yeasts of *C. albicans* collected from HIV patient and test its effectiveness by *in vitro*

assays. The compounding is based on the technique recommended by the Brazilian homeopathic physician, Dr. Roberto Costa. The process occurs with living microorganism, which is kept alive, so that there is greater stimulation of the immune system. The vehicle used for the production of this medicine is water, and the potency used in the experiments is 30DH. Three control groups were prepared: 1 yeasts treated with the allopathic drug nystatin; 2 yeasts treated with water 30DH; 3 yeasts without any treatment. The antifungal potential was evaluated by the growth of *C.albicans* treated once with 10% of the new nosode. Besides, the influence of this treatment in the interaction of yeasts with epithelium cells (Ma104 cell line) was also evaluated through of the quantification of adhesion index. Finally, the morphological alterations in epithelial cells induced by the nosode treatment were evaluated by Giemsa's staining. The results obtained so far indicated that the nosode was not able to interfere with *C. albicans* yeasts growth ( $p>0.05$ ). However, the index of adhesion was significantly diminished ( $p<0.05$ ) by the nosode, indicating that this treatment maybe interferes with the initial step of the infection process. New experiments are being prepared in order to clarify nosodes' mechanism of action.

## **Nuestra experiencia experimental y clínica con Nosodes**

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Nosodes, del griego nosos = enfermedad, es un término utilizado en Homeopatía para designar el producto patológico tisular o el extracto de secreciones mórbidas de origen vegetal, animal y humano, diluído y dinamizado según la técnica homeopática.

En la Farmacopea Francesa se le nombra Bioterápico.

Exponemos una experiencia experimental en ratas y otra clínica en humanos tratados con nosodes.

Nosodes preparados a partir de Interferón alfa 2b recombinante cubano. Se formaron 4 grupos de ratas Wistar de 6 ratas cada uno: 1) se le administró el nosodes a 6CH; 2) nosodes a 30 CH; 3) solución hidroalcohólica (base del medicamento homeopático); 4) Agua. Una dosis al día durante 5 días. Al tercer día de tratamiento se le suministró a todos los animales Tetracloruro de carbono por vía oral (3 ml/Kg de peso) y 48 horas después se sacrificaron todas las ratas, extrayendo el hígado para estudio anátomo patológico. Resultado: el grupo menos afectado fue el tratado con IFN 30 CH y los tres grupos restantes estaban lesionados en proporciones semejantes entre sí.

Clínica: En nuestro Instituto preparamos un nosodes a partir de un pool de bilis obtenida de drenajes positivos de Giardia lamblia y lo aplicamos a potencias de 30 CH y 100 CH a pacientes con giardiasis diagnosticada por drenaje. Resultado: 79% de negativización del drenaje post tratamiento.

También hacemos comentario de casos clínicos interesantes tratados con nosodes clásicos.

## **Antiviral activity of influenza infectious nosode: an in vitro study**

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Influenza viruses have been responsible for highly contagious acute respiratory illnesses, afflicting humans since ancient times and causing high mortality in the elderly. The influenza remedy, which is used in homeopathic medicines nowadays, is made from the influenza vaccine (Pasteur Institute). The

purpose of the present study was to develop, for the first time, a new nosode from the infectious influenza A virus (H3N2) and to verify its *in vitro* effectiveness. This preparation is based on the technique recommended by the Brazilian homeopathic physician, Dr. Roberto Costa. The compounding of this medicine is made with the infectious virus, which is kept alive during the first steps of the dynamization procedure, making Roberto Costa's nosode more capable of stimulating the immune system. This nosode was prepared in water and phosphate buffer saline and its virus particles were analyzed by electron microscopy, where differences could not be seen in the 1dH potency. Following this analysis, the nosode was compounded in water and its antiviral activity was analyzed on Madin Darby Canine Kidney (MDCK) epithelial cells that are used as standard cell culture for studies measuring the influenza virus infectivity. Based on these characteristics, the cytotoxic and the antiviral effects of the 30dH potency, were analyzed by the neutral red and immunofluorescence assays, respectively, after submitting the MDCK cells to pre and post infection treatments, with 1%, 5% and 10% of the nosode. Control experiments were developed, just treating the cells with dynamized water (30dH). The neutral red assay indicated that the nosode was not cytotoxic to MDCK cells; however, the microscopic analysis of fluorescent images showed that the nosode induced a reduction in cell fluorescence when compared to the virus control, indicating that the treatment caused a reduction in the rates of MDCK infectivity. Moreover, the nosode induced interesting alterations on cellular morphology probably due to the increase of cellular mitosis rate. Finally, the use of hemagglutination assay and the 4 MUNANA fluorogenic substrate indicate that the nosode was not able to modify the virus cell adsorption and the virus sialidase activities, respectively. New experiments are being developed to understand how this influenzinum infectious nosode interferes with the morphology and the biochemical features of MDCK cells.

## **Homeoprphylaxis: Cuban Experiences on Hepatitis and Conjunctivitis**

**Thursday, 11, December, 2008**

## **Homeoprofilaxis: Experiencias cubanas en Hepatitis y Conjuntivitis**

**Jueves 11, Diciembre, 2008**

### **Hepatitis**

#### **Tratamiento homeopático de un brote de hepatitis por virus tipo A**

**Dr. Jorge Luis Campistrous Lavaut** y *Dra. Maritza Mainegra Torres*

Centro Nacional de Medicina Natural y Tradicional CENAMENT

**MINSAP, CUBA**

La hepatitis es una enfermedad inflamatoria que provoca una alteración primaria y difusa del hígado, causada por virus hepatotrópicos, en la actualidad se conocen cinco tipos de virus. Está desarrolla un cuadro sistémico aunque los síntomas hepáticos son los que predominan, sobre todo en los casos agudos. En el trabajo solo nos referiremos a la hepatitis causada por virus A, conocida también como infecciosa o contagiosa, ocurrida en un centro escolar del municipio La Lisa.

El objetivo fundamental del estudio era Comprobar la eficacia de la homeopatía en pacientes con diagnóstico de hepatitis por virus A y determinar los posibles efectos adversos que pudiesen ocurrir. Para esto la muestra quedo conformada por 26 pacientes entre las edades de 8 a 16 años, de ambos sexos que en esos momentos tenían valores de transaminasa alterados. Se conformaron dos grupos donde uno recibió el tratamiento homeopático según cuadro clínico y otro el tratamiento habitual. A todos se les realizo interrogatorio y controles de laboratorio dado por la medición de la TGP cada 15 días

Los resultados obtenidos fueron que el grupo no tratado con homeopatía tardo 45 días para que el 91.6 % (11 casos) tuviesen TGP dentro de valores normales, mientras que el grupo tratado con homeopatía a los 15 días tenía al 76.9 % (10 casos) y a los 30 días el 100 % de los pacientes estaba dentro de los valores normales. Los medicamentos homeopáticos empleados en este trabajo fueron: Phosphorus, Bryonia, Lycopodium y Sulphur, todos a las dinamo diluciones de 6 y 30 CH.

#### **Uso de Homeosor I en dos brotes de hepatitis A en la Ciudad de Holguín. Cuba.2008**

*Dra. María Eugenia Escobar Perez,* **Dra. María de los Angeles Salermo,** *Dra. Esperanza Guilling Martínez*

Centro Provincial de Higiene y Epidemiología, Holguín

Centro Provincial de Homeopatía

**CUBA**

Se realizó un estudio cuasiexperimental del tipo ensayo comunitario de intervención preventivo y terapéutico, en 2 brotes de Hepatitis A reportados en la ciudad de Holguín en el 2008.

El grupo sujeto a estudio fueron los casos diagnosticados como Hepatitis A y sus contactos intradomiciliarios y extradomiciliarios, a los cuales se le administró Homeosor I, a dosis diferentes según caso o contacto.

A los casos se le aplicó encuesta diseñada que recogió variables demográficas, clínicas, epidemiológicas y de laboratorio relacionadas con la enfermedad.

No se presentaron casos nuevos posteriores al uso del homeopático. La evolución clínica y de laboratorio de los casos fue muy favorable

## **Evaluación clínica del tratamiento homeopático en pacientes portadores de hepatitis viral tipo A.**

**Dra. Magaly V Carrero Figueroa,** Dra. Mabel Luaces Arguelles, Dra Ana Ma Vega Pérez Lic Alina Sagrera Quesada y Lic. Zuleika Casamayor.  
ISMM Dr. LUIS DÍAZ SOTO.  
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Se realizó un estudio longitudinal, prospectivo, analítico, con el objetivo de evaluar la efectividad de la aplicación del tratamiento homeopático en pacientes con diagnóstico de Hepatitis Viral Aguda tipo A. De una muestra de 200 pacientes, obtuvimos dos grupos de 100 aleatoriamente, uno estudio (grupo A) y otro control (grupo B), recibiendo tratamiento homeopático y sintomático habitual respectivamente; ambos fueron evaluados según el comportamiento de la clínica y valores de TGP en el transcurso de la enfermedad. Se obtuvo mejor evolución clínica en menos tiempo, sin diferencias significativas en la evolución de la TGP y sin reacciones adversas en la aplicación del tratamiento, resultado efectivo en los pacientes aquejados por esta enfermedad.

## Conjuntivitis

### **Comparación del tratamiento homeopático con el no homeopático en la conjuntivitis viral epidémica.**

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Se trata de un estudio retrospectivo realizado en el Policlínico Juan B. Contreras, área de salud de Ranchuelo, con el objetivo de comparar el efecto y el costo de los tratamientos medicamentosos aplicados en aquella oportunidad sobre una epidemia de conjuntivitis viral que se produjo en los meses de julio a septiembre de 1997. En la cual se implementó tratamientos con medicamentos no homeopáticos y homeopáticos; durante el curso de la misma se trabajó con dos grupos de pacientes, afectados de la epidemia en edades que oscilaban entre 15 y 65 años. Un grupo de 47 pacientes fue tratado con medicamentos alopáticos y el otro, de 20 pacientes con medicamentos homeopáticos con arreglo a la sintomatología que presentaban. Según los datos se logró la curación con homeopatía en unos 2.25 días de convalecencia como promedio y un costo abrumadoramente menor, no así con el tratamiento convencional que necesitó casi el doble del tiempo promedio. Obtuvimos como resultado la confirmación de la efectividad del tratamiento homeopático y la rapidez de la curación. Demuestra esto que en casos de epidemias se debe tener presente la utilización de la homeopatía lo mismo por el buen efecto curativo como por el económico.



## **Pharmacology and technology**

**Friday, 12, December, 2008**

### **Farmacotecnología**

**Viernes 12, Diciembre, 2008**

#### **Cuba, azúcar e impregnación homeopática**

*Dr. Mc. Ramón J. López López, **Dr. German Guajardo Bernal**, Ernesto Luis Fleitas Cruz*

Asociación Médico Homeopática de Baja California. **MEXICO**

Publicado en La Homeopatía de Mexico 2001; 70, 612: 90 94.

En el tratamiento habitual con homeopatía se utilizan frascos vírgenes y en algunos casos podemos reciclar los frascos a una temperatura de 120 grados centígrados y a una atmósfera de presión en autoclave, previamente lavados con agua y enjuagados a su vez con agua destilada y estéril. Este desempeño técnico es muy peculiar y costoso lo que representa un freno en Cuba al desarrollo de la terapéutica homeopática, pues al no contar con el frasco adecuado y por no violar las normas establecidas no podremos tratar el animal o los animales en cuestión.

Este trabajo propone utilizar el descubrimiento de Hahnemann de la impregnación homeopática. Siendo nuestro país un alto productor de azúcar de caña la cual se puede obtener por la población de forma muy económica evaluamos 325 casos clínicos, demostrando la efectividad de este tipo de forma farmacéutica y haciendo además un estudio económico de las ventajas de este manejo de la medicación homeopáticas

#### **Obtención y Producción a Gran Escala de nosoLEP.**

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nosoLEP is a homeoprophylactic product comprising nosodes of 4 strains of *Leptospira interrogans*. The strains correspond to 4 serogroups, namely: *Pomona*, *ballum*, *ictero haemorrhagiae* and *canicola*. All strains were isolated from clinical samples of patients suffering from leptospirosis and retain its virulent and growing capacity as confirmed by animal and laboratory testing. Following the standard protocols for handling of virulent pathogens, the strains were grown to raise appropriate bacterial density, adjusted and inactivated. All the process was carried out on strict quality control system previously validated by WHO and certified for human vaccine production. Inactivated bacteria were used to prepare the mother tinctures independently and further diluted to desired potencies. A continuous large scale production process was designed and started to provide more than 8 millions of doses for population at high risk of infection with leptospirosis. The occurrence of natural disasters stressed the need for preventive alternatives against epidemic diseases as well as increased the gap for effective treatments. The Biotherapy lab from Finlay Institute has produced several millions of homeopathic and flowers treatment, matching international standard; to help attenuating the epidemic impact of natural disasters like the last 3 hurricanes hitting the island. Insides of the procedures for development control and large scale production will be provided.

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