

TropNetEurop

10th Workshop on Imported Infectious Diseases

2009



September 7th, 2009, Verona



European Network on Imported Infectious Disease Surveillance
www.tropnet.eu

Many thanks to:

- Zeno Bisoffi & team



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

10th TropNetEurop Workshop, Verona

Time		Speakers
08 ³⁰ -09 ⁰⁰	Introduction	Zeno Bisoff, Verona-Negrar
09 ⁰⁰ -11 ⁰⁰	Report of steering committee and co-ordinator •Membership issues •Reporting •Data management •ECDC, WHO, & others	Ron Behrens, London Zeno Bisoffi, Verona Joaquim Gascon, Barcelona Tomas Jelinek, Berlin Leo Visser, Leiden
11 ⁰⁰ -11 ³⁰	<i>Break & Lunch Sessions</i>	
11 ³⁰ -13 ⁰⁰	<i>Congress Sessions</i>	
13 ⁰⁰ -14 ³⁰	<i>Lunch break (and Sanofi Satellite Symposium)</i>	



Time		Speakers
	TropNetEurop Session I (90min) Chair: G. Calleri	
14 ³⁰ -15 ⁰⁰	Modelling malaria risk for travellers in the Amazon	Ron Behrens, London
15 ⁰⁰ -15 ³⁰	Fascioliasis due to chewing khat; an emerging imported disease in Britain	Peter Chiodini, London
15 ³⁰ -16 ⁰⁰	Artesunate and treatment of complicated malaria	Thomas Zoller, Berlin
16 ⁰⁰ -16 ³⁰	<i>Break</i>	
	TropNetEurop Session I (120min)	
16 ³⁰ -17 ⁰⁰	Leishmaniasis: Species diagnosis and species oriented treatment	Johannes Blum, Basel
17 ⁰⁰ -17 ³⁰	Chikungunya and Dengue in European travellers	Antonio Tenorio, Madrid
17 ³⁰ -18 ⁰⁰	The malaria elimination progress on Zanzibar and its implications for prophylaxis	Anders Björkmann, Stockholm
18 ⁰⁰ -18 ³⁰	MalTHER results	Martin Grobusch, Johannesburg Nikolai Mühlberger, Hall Olivier Bouchaud, Bobigny
	Dinner	



Report of steering committee and co-ordinator

TropNetEurop Structures



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Mission and goals of TropNetEurop

- ❖ to maintain a collaborative network of European professionals dealing with imported infectious diseases;
- ❖ to create European consensus for clinical guidelines for diagnostic and therapeutic procedures in imported infectious diseases;
- ❖ to identify emerging pathogens by sampling returning international travellers, immigrants, and foreign visitors;
- ❖ to add information and accuracy to the current, divergent European systems of disease notification;
- ❖ to provide grounds for cluster investigation and intervention strategies by Public Health authorities;
- ❖ to provide the basis for permanent research collaboration of infectious disease centres in Europe



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

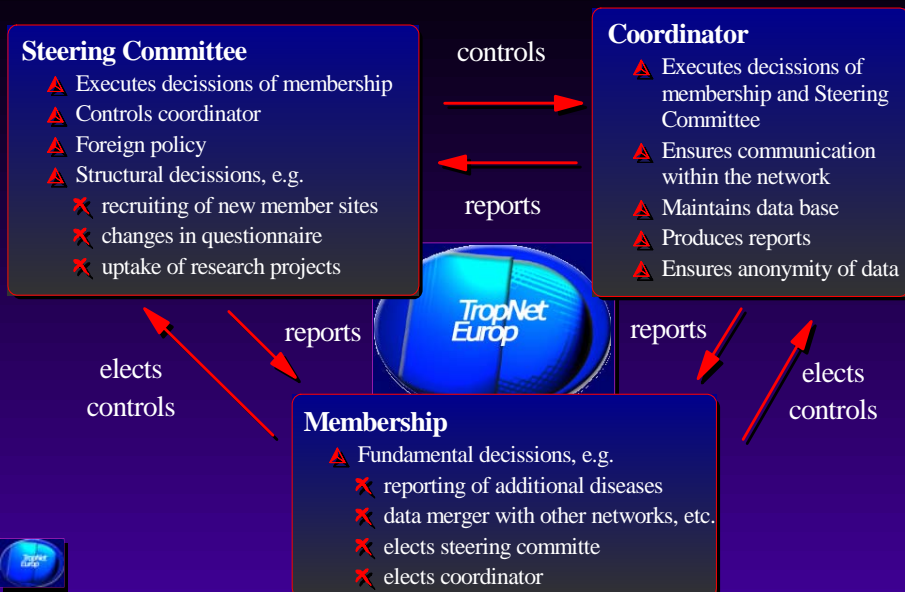
TropNetEurop: Rules & Regulations

1. Membership only by clinical sites, no minimal number of patients
2. Exclusion criteria for members need to be defined, steering committee also decides on inclusion
3. Management structure: every site has one site manager and one vote (only when submitting data!)
4. Steering committee: five members including one network coordinator(elected for two years)
5. Regular meeting of membership every year necessary
6. All members decide on fundamental issues regarding the network
7. Members should decide on steering committee work at annual meetings:
steering committee submits questions, proposals to all members, reviews research proposals
8. Network coordinator manages day-to-day work
9. Data are owned by all reporting members
10. Publication of results: all site managers of reporting sites are named as co-authors (in order of number of reported patients). TropNetEurop should always be mentioned. All publications go through review by steering committee.
11. Ownership of funds: though network infrastructure should be financed, funds will be managed by members that applied for them



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

TropNetEurop: functions within the network



Steering Committee:

- Ron Behrens, London
- Joaquim Gascon, Barcelona
- Zeno Bisoffi, Verona
- Leo Visser

Network Coordinator:

- Tomas Jelinek, Berlin/Düsseldorf

Data Management:

- Nick Mühlberger, Hall/Berlin



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.net

Financial burden & work load for running the network

- Time for reporting for every member site
- Time & equipment for data entry (2 staff paid in Berlin)
- Time & equipment for data analysis (done by Nick, paid by Berlin)
- Time for reports (Nick & Tomas)
- Time for mailing list management (Tomas)
- Time and fees for web site (Nick & Tomas)



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

	N	%	N (2008)
Member Sites	57	100.0	55
Sites reporting electronically	35	61.4	32
Reported Patients	12835	100.0	11935
Patients reported electronically	4585	35.7	4043
Reported Diagnoses	12856	100.0	11955
Malaria	9723	75.6	9104
Schistosomiasis	1482	11.5	1342
Dengue	1446	11.2	1311
Leishmaniosis	205	1.6	198



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

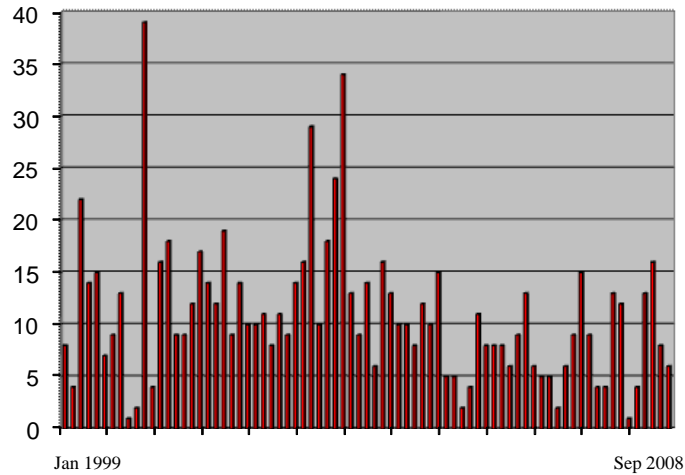
Total patients post travel: 55,000

Total pre-travel counseling: 210,000



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

The TropNetEurop Mailing List



tropneteurop@yahoo.com

The TropNetEurop Mailing List

- The yahoo server blocks bouncing members, this can be triggered by automatic reply messages (e.g. out-of-office notices).
- Every member should receive at least two mails per month.
- If not, the mail address may be blocked – send a query
- Old mails can be accessed by members at:
www.yahoo.com/groups/tropneteurop



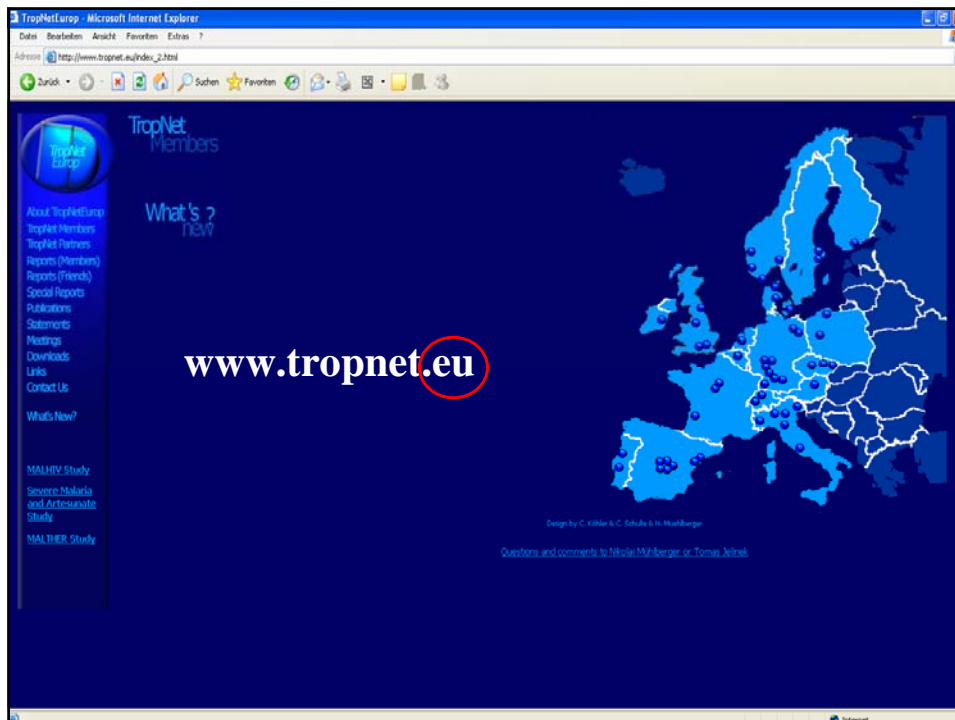
European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Monthly Reports

Monthly reports on accumulated and analysed data have been mailed on (almost) monthly basis since April, 1999. TropNetEurop members receive the reports as WinWord-files which is supposed to make use of the graphics in lectures and presentations easy. Every figure can be copied to any presentation programme (such as PowerPoint) and modified for further use. In the same way as data in the data base are owned by all TropNetEurop members, so are reports and their content. Members can use the material without further permission, yet acknowledgement of the network is encouraged.



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu



Special Reports and “Sentinel Events”

The extremely high level of awareness for “sentinel events” of all network members has ensured several impressive successes of TropNetEurop.

Recent examples:

- Malaria ex Gambia
- African Sleeping Sickness ex Tanzania



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

The screenshot shows the Yahoo! Groups interface for the 'tropnetfriends' group. At the top, there is a 'Message Alert' box stating 'You have 1 message waiting for you.' Below this, the group name 'tropnetfriends - TropNetEurop Friends & Observers' is displayed, along with the group owner's name 'jelinek99' and email 'jelinek@rz.uni-muenchen.de'. The group description is 'Mailing list for friends & observers of TropNetEurop'. The 'Most Recent Messages' section lists several posts from June 2002, including 'Report May 2002' and 'African trypan paper'. A calendar for the year 2002 is visible, showing activity in June. The 'Group Email Addresses' section provides contact information for the group, including the main mailing list 'tropnetfriends@yahoo.com' and subscription/unsubscription addresses. The page footer includes the text 'tropnetfriends@yahoo.com' and a copyright notice for Yahoo! Inc. 2002.

TropNetEurop

- ◆ Is an independent network of clinical centers
(institutions, not individuals)
- ◆ Is run by the coordinator & steering committee
(individuals, not institutions)
- ◆ Has loose contacts & links to various other networks and
organisations
- ◆ Is located financially under the umbrella of the German
Society of Tropical and Travel Medicine
(registered charity)



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.net


Report of steering committee and co-ordinator

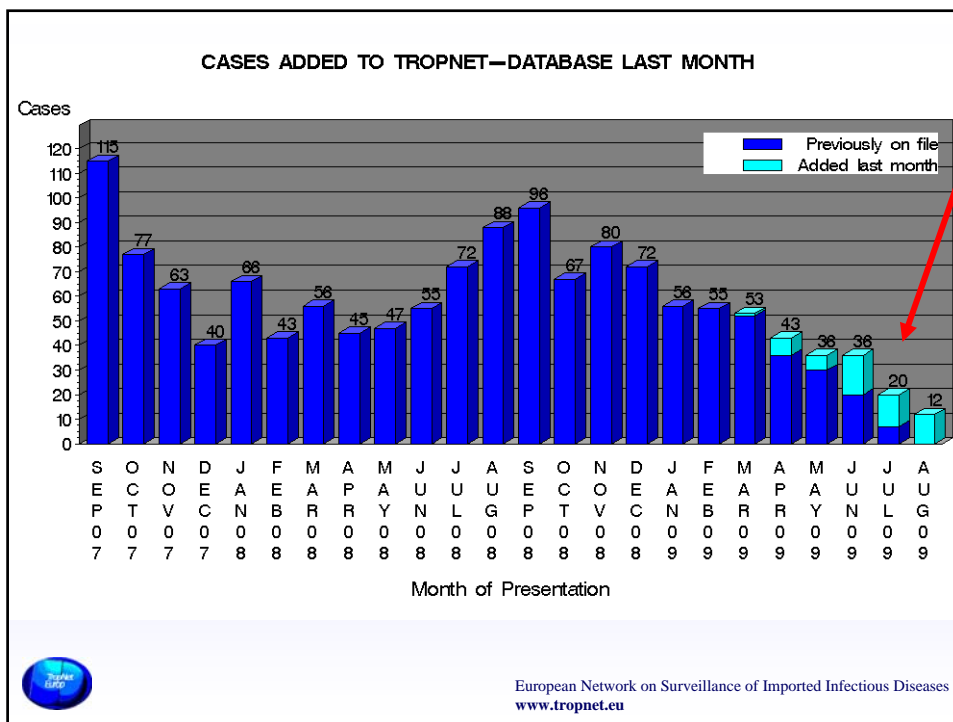
Reporting issues



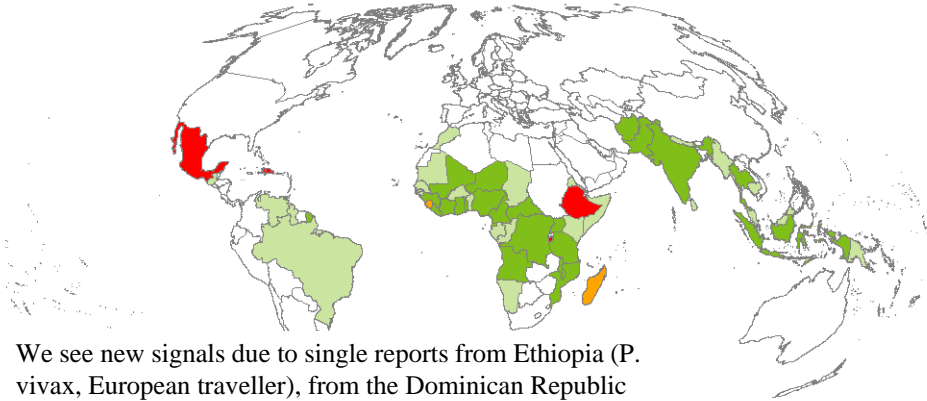
European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

	N	%	N (2008)
Member Sites	57	100.0	55
Sites reporting electronically	35	61.4	32
→ Reported Patients	12835	100.0	11935
Patients reported electronically	4585	35.7	4043
Reported Diagnoses	12856	100.0	11955
Malaria	9723	75.6	9104
Schistosomiasis	1482	11.5	1342
Dengue	1446	11.2	1311
→ Leishmaniosis	205	1.6	198


 European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu



Poisson prob. to observe equal or more cases in last 6 months, given expectation from same periods of past two years
MALARIA (04SEP2009)



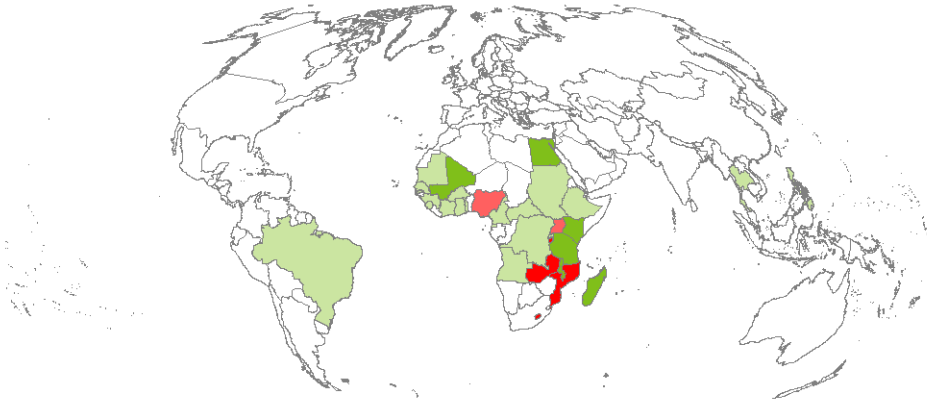
We see new signals due to single reports from Ethiopia (*P. vivax*, European traveller), from the Dominican Republic (*P. falciparum*, immigrant, VFR), from Burundi (*P. falciparum*), Haiti (*P. falciparum*), and Mexico (*P. vivax*). Increased multiple reports come from Sierra Leone and Madagascar. Signals from Ivory Coast and French Guyana have disappeared.

< 0.01 < 0.001



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Poisson prob. to observe equal or more cases in last 6 months, given expectation from same periods of past two years
SCHISTOSOMIASIS (04SEP2009)

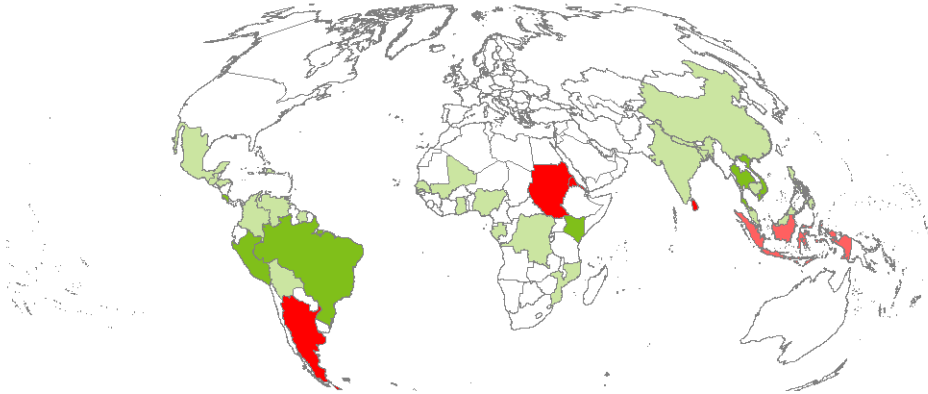


We are receiving new signals due to single reports from Lesotho (tourist), Mozambique (VFR), Burundi (VFR), and Mauritius (tourist). Increased signals due to multiple reports come from Nigeria (3 expatriates), Zambia (2 tourists), and Uganda (4 tourists).



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Poisson prob. to observe equal or more cases in last 6 months, given expectation from same periods of past two years
DENGUE (04SEP2009)



Increased activity is seen from Argentina, Eritrea, Sudan, Sri Lanka, Samoa, Cook Islands, and Indonesia. The strong signal from Bolivia has weakened. The increased activity around the Red Sea, including the case reported from Jordan earlier this year enhances the impression that dengue might be moving towards Egypt. That of course would expose many European travellers to the infection.

1



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Report of steering committee and co-ordinator

Activities & Changes in 2008-2009



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

TropNetEurop Member Sites



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

ECDC TENDER

Travel Medicine in Europe: existing structures, functions and added-value of ECDC. Building a network to support Travel and Tropical Medicine related activities at ECDC
OJ/2008/07/08-PROC/2008/019

Technical Proposal

A consortium of experts in the field of Travel and Tropical Medicine Work Programmes at ECDC should provide the following details to support the above bid.

- WP 1: Secretariat and information management of the network
- WP 2: Travel medicine resources review
- WP 3: Support to ECDC's Epidemic Intelligence and Response activities



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Rejected

ECDC tender: What would have changed?

- Very close link to ECDC: Stockholm pays for services that TropNetEurop delivers
- Financial gain for TropNetEurop, potentially up to 4 years
- Change in Steering Committee structure: tenderers need to be members, plus representative of ECDC
- Data governance with ECDC
- Move of meetings into spring and to Stockholm



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Collaboration with outside organisations / other networks

- Geosentinel, EUROTRAVNET
- ENIVD
- WHO
- ECDC, Eurosurveillance



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Ongoing Studies:

TropNetEurop Questionnaire for Additional Data on Malaria Patients with HIV (TropNet MALHIV-Study)

TropNetEurop Questionnaire for Additional Data on Dengue Patients (TropNet Dengue-Study)

TropNetEurop Malaria Therapy Study (MALTHER)

TropNetEurop Malaria Drug Resistance Study (Filterpaper Study)

Artesunate Therapy Questionnaire

TropNetEurop Study on Malaria Chemoprophylaxis



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Statements on Malaria Prophylaxis

- ✓ Latin America
- ✓ Indian Subcontinent
- South East Asia



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

TropNetEurop Workshop 2011

✘ Where? Leiden

✘ When? Sep-Oct



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu

Future Reporting

✘ Increase Diagnosis? CHIK, Histo?

✘ Just list numbers per months?

✘ Swine Flu?



European Network on Surveillance of Imported Infectious Diseases
www.tropnet.eu