

14th Workshop of the National Reference Laboratories for Parasites
23-24 May 2019

Istituto Superiore di Sanità
Room Pocchiari, viale Regina Elena 299
00161 Rome, Italy

23 May, 2019

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| 08.30 | Registration |
| 09.00 | Welcome and Aims of the meeting Cacciò SM |
| 09.15 | Past and present status of canine taeniid cestodes and their intermediate hosts in Iceland Pálsdóttir GR*, Eydal M, Skírnisson K |
| 09.30 | Cystic echinococcosis in Bulgaria 2006 - 2017 R Harizanov*, Rainova I, Kaftandjiev I, Tsvetkova N, Borisova R, Ivanova A, Videnova M, Kaneva E |
| 09.45 | Croatia: a report on trichinellosis and <i>Trichinella</i> infection in 2018 Balić D*, Kurečić Filipović S, Miškić T |
| 10.00 | <i>Trichinella spiralis</i> endangered in Finland Oksanen A* |
| 10.15 | Test sensitivity of a commercial serine protease digestion kit for the detection of <i>Trichinella spiralis</i> and <i>Trichinella pseudospiralis</i> larvae in pig muscle Franssen F*, Johne A, van der Giessen J, Nöckler K, Mayer-Scholl A |
| 10.30 | Foodborne parasites from meat samples in Estonia Moks E*, Kärssin A |
| 10.45 | Epidemiology of <i>Cryptosporidium</i> spp. in dairy cattle in Latvia Deksne G*, Mateusa M, Derbakova A, Pankratjeva K, Keidāne D, Ķibilds J, Ozoliņa Z, Troell K |
| 11.00 | Coffee break |
| 11.30 | Cyst-like lesions in lamb muscle tissue – enough to put you off your dinner O'Shaughnessy J*, Tizard S, Casey M, Gutierrez M, O'Riordan N, Delaney S, O'Rourke J, Fallon R, Farrell L, Byrne W |
| 11.45 | <i>Anisakis</i>, <i>Echinococcus</i>, <i>Trichinella</i> and <i>Toxoplasma</i> 2019 PTs Lalle M, Casulli A, Marucci G, Ludovisi A Open discussion around PTs |
| 13.00 | Lunch |
| 14.00 | Molecular detection of <i>Sarcocystis</i> spp. in meat samples Tosini F*, Marucci G, Possenti A |
| 14.30 | Isothermal amplification techniques for foodborne parasites detection. A focus on LAMP application for detection of <i>Toxoplasma gondii</i> in different food matrices. Lalle M * |
| 15.00 | Characterizing genetic diversity of <i>Trichinella</i> spp. in European regions by microsatellites analysis La Rosa G*, Tonanzi D |
| 15.30 | Coffee break |
| 16.00 | Shor oral poster presentations |

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| | <p>-Outbreak of human Trichinellosis in Spain 2019 Olmedo J*, Aguayo S, González MJ, Caderón R, Zamora MJ</p> <p>-Do the future of the Baltic cod (<i>Gadus morhua</i>) depends on the presence of <i>Contracaecum osculatum</i> in fish livers? Rozycki M*, Bilska-Zajac E, Karamon J, Zdybel J, Gradziel Krukowska K, Pękala-Safińska A, Cencek T</p> <p>-Results of the Project “Biomolecular Characterization of <i>Echinococcus granulosus</i> Larval Form in Sardinian Patient Affected by Cystic Echinococcosis” Santucci C*, Mastrandrea S, Peruzzo A, Profili S, Porcu A, Fancellu A, Carta A, Bagella G, Fiamma M, Bonelli P, Piseddu T, Masu G, Masala G</p> <p>Digital poster presentation</p> |
| 17.00 | End of the works |

24 May, 2019

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| 09.00 | The liver fluke <i>Opisthorchis felineus</i>: molecular biology and carcinogenic potential Mordvinov V |
| 10.00 | The ecology of transmission of <i>Echinococcus multilocularis</i>: distribution, invasions and host communities Massolo A |
| 11.00 | Coffee break |
| 11.30 | Outcomes of the Foodborne Parasites Cost Action Robertson LJ |
| 12.15 | Contamination of fresh produce and seafood by protozoan parasites: implications for public health Giangaspero A |
| 13.00 | Lunch |
| 14.00 | Past, present and future of food-borne parasite research Pozio E |
| 15.00 | Reporting of parasitic zoonoses in the European Union. Overview of EUSR 2017 Hempen M Round Table on the EFSA Expert Opinion on Foodborne Parasites Hempen M (EFSA) Robertson LJ (Chair of the Panel) van der Giessen J (Expert for <i>Toxoplasma</i>) Cacciò SM (Expert for <i>Cryptosporidium</i>) Casulli A (Invited expert for <i>Echinococcus</i>) |
| 16.30 | NRL needs, proposals, and any other business Cacciò SM |
| 16.45 | Closure of the Workshop |



POSTERS

Activities of the Austrian NRL on Parasites in 2018

Glawischnig W*, Schöpf K.

National Reference Laboratory for Parasites, Czech Republic: report for 2018

Harna J*

Toxoplasma gondii seroprevalence in feral and farmed Danish mink

Petersen HH*, Sengupta ME, Pagh S, Chriel M

Seroprevalence of *Toxoplasma gondii* in domestic pigs, sheep, cattle, wild boars, and moose in the Nordic-Baltic region: systematic review and meta-analysis (NRL Denmark)

Olsen A, Berg R, Tagel M, Must K, Deksne G, Enemark HL, Alban L, Johansen MV, Nielsen HV, Sandberg M, Lundén A, Stensvold CR, Pires SM, Jokelainen P*

Trichinella species identification by MALDI-TOF (NRL France)

Karadjian G, Bahn P, Johne A, Gassiloud B, Py JS, Mayer-Scholl A, Vallée I*

National Reference Laboratory (NRL) for *Trichinella*, Germany: report for 2018

Johne A*, Nöckler K, Richter M, Mayer-Scholl A

TaqMan real-time PCRs for the specific detection of cryptic species of the *Echinococcus granulosus sensu lato* complex (NRL for *Echinococcus*, Germany)

Maksimov P*, Wassermann M, Romig T, Gottstein B, Schares G, Conraths F.J

Direct extraction of *Toxoplasma gondii* DNA from feces of domestic cat reveals huge differences in the performance of commercial kits and protocols (NRL for *Echinococcus*, Germany)

Schares G*, Globokar-Vhovec M, Maksimov P, Conraths FJ

The activities of Greek NRL for parasites

Boutsini S*, Stougiou D

NRL activities in Hungary

Széll Z, Dán K, Sréter T*

National Reference Centre for Anisakiasis - Italy: activities and studies performed during 2018

Costa A*, Buscemi MD, Graci S, Cammilleri G, Collura R, Giangreco V, Ferrantelli V

Results of the Project “Biomolecular Characterization of *Echinococcus granulosus* Larval Form in Sardinian Patient Affected by Cystic Echinococcosis” (NRL for *Echinococcus*, Italy)

Santucci C*, Mastrandrea S, Peruzzu A, Profili S, Porcu A, Fancellu A, Carta A, Bagella G, Fiamma M, Bonelli P, Piseddu T, Masu G, Masala G

Evaluation of a novel commercial kit for the detection of *Echinococcus granulosus* antibodies in human sera (NRL for *Echinococcus*, Italy)

Peruzzu A, Ledda S, Mastrandrea S, Bonelli P, Masu G, Piseddu T, Masala G, Santucci C*

Toxoplasma gondii in raw milk from Sicily

Percipalle M*, Giunta RP, Salvaggio AM, Scalzo F, Comisi DM, Marino AMF



Lithuanian NRL activities

Karaliene M*

Results of the national *Trichinella* proficiency tests in Norway over time

Hammes IS*

Do the future of the Baltic cod (*Gadus morhua*) depends on the presence of *Contracaecum osculatum* in fish livers? (NRL Poland)

Rozycki M*, Bilska-Zajac E, Karamon J, Zdybel J, Gradziel Krukowska K, Pekala-Safińska A, Cencek T

***Echinococcus multilocularis* in cats and dogs from shelter and rural owners in a highly endemic area - first detection of this tapeworm in cats in Poland**

Karamon J*, Sroka J, Dąbrowska J, Różycki M, Bilska-Zajac E, Zdybe J, Cencek T

Seroprevalence of *Toxoplasma gondii* in horses in Portugal

Waap H*, Gomes J

NRLP activities for *Trichinella* in Romania, 2018

Ciupescu LM*, Trandafir M, Tanasuica R

Epidemiological and epizootological data on *Trichinella* spp. presence in Serbia for 2018

Sofronic-Milosavljevic Lj*, Vasilev S, Cvetkovic J, Gnjatovic M

***Trichinella*, *Echinococcus*, *Anisakis* and *Toxoplasma* in Slovakia in 2018**

Valentova D, Striskova K*

Report on *Trichinella* Testing and Monitoring 2018 in NRL for Parasites in Slovenia

Gorisek Bajc M*, Vergles Rataj A

Outbreak of human Trichinellosis in Spain 2019

Olmedo J*, Aguayo S, Calderón R, Zamora MJ

What's new about *Trichinella* and *E. multilocularis* in Sweden

Lunden A*

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