



PROGRAM

Thursday, April 3rd

8.30-9.00 Registration of participants
9.00-9.15 Opening ceremony

Session 1 – ECOLOGICAL AND MANAGEMENT ASPECTS OF RAGWEED

Chair: Rodolfo Gentili, Tamas Komives

9.15-9.45 Main lecture

ECOLOGICAL AND MANAGEMENT ASPECTS OF COMMON RAGWEED

Bruno Chauvel

Oral presentations

9.45-10.00 WEEDINESS ASSESSMENT OF ANTHROPOGENIC PHYTOCENOSES ON THE BASIS OF SATELLITE REMOTE SENSING DATA (A CASE EXAMPLE OF COMMON RAGWEED)

N.A. Kachalina, O.E. Arkhipova, Yu.V. Tyutyunov

10.00-10.15 A PROCESS-BASED APPROACH TO PREDICTING THE EFFECT OF CLIMATE CHANGE ON *AMBROSIA ARTEMISIIFOLIA* IN EUROPE

P. Stratonovitch, J. Storkey, M. A. Semenov

10.15-10.30 *AMBROSIA ARTEMISIIFOLIA* IN ITALY: INTEGRATION OF CLASSIC BIOLOGICAL CONTROL APPROACH INTO A MULTIDISCIPLINARY PROGRAM

M. Cristofaro

10.30-10.45 INTENSIVE GRASSLAND SEEDING TO CONTROL *AMBROSIA ARTEMISIIFOLIA* L. SPREAD

R. Gentili, F. Gilardelli, A. Ghiani, S. Ciappetta, M. Bonini, S. Citterio

10.45-11.00 CONTROLLING COMMON RAGWEED (*Ambrosia artemisiifolia*) IN SUNFLOWER WITH HIGH EFFICACY

P. Reisinger, G. Kukorelli, T. Komives

11.00-11.15 Coffee break

Session 2 – AEROBIOLOGY AND METEOROLOGICAL ASPECTS OF RAGWEED POLLEN MOVEMENT

Chair: Giuseppe Frenguelli, Roberto Albertini

11.15-11.45 Main lecture

RAGWEED POLLINATION IN EUROPE

M. Thibaudon

Oral presentations

11.45-12.00 MODELLING OF *AMBROSIA* AIRBORNE POLLEN CONCENTRATIONS OVER EUROPE

L. Hamaoui-Laguel, R. Vautard, N. Viovy, D. Khvorostyanov, A. Colette

12.00-12.15 RAGWEED POLLEN FORECASTS BASED ON THE NUMERICAL DISPERSION MODEL COSMO-ART: CONCEPT, PROCESSES AND PERFORMANCE

A. Pauling, K. Zink, H. Vogel, B. Vogel



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- 12.15-12.30** SEASONAL VARIATIONS IN THE AMOUNT OF AIRBORNE RAGWEED POLLEN IN MILAN IN RELATION TO ENVIRONMENTAL FACTORS
M. Bonini, B. Šikoparija, M. Prentović., G. Cislighi, P. Colombo, L. Grewling, H. Müller-Schärer, M. Smith
- 12.30-12.45** EVOLUTION OF RAGWEED POLLINATION IN FRANCE
G. Oliver, M. Thibaudon
- 12.45-13.00** UPDATE ON AIRBORNE RAGWEED POLLEN MONITORED IN ISTANBUL
F. Zemmer

13.00-14.00 LUNCH BREAK and POSTER VIEW

Session 3 – CLINICAL ASPECTS AND GENETIC/ENVIRONMENTAL FACTORS INFLUENCING RAGWEED POLLEN ALLERGENICITY

Chair: Claudio Ortolani, Sandra Citterio

- 14.00-14.30 Main lecture**
WEED POLLEN ALLERGY IN AUSTRIA: CROSS- AND CO-SENSITIZATION AGAINST RAGWEED AND MUGWORT POLLEN
B. Jahn-Schmid
- Oral presentations**
- 14.30-14.45** TOWARDS THE ISOLATION OF FLORAL AND REPRODUCTION RELATED GENES OF THE COMMON RAGWEED (*AMBROSIA ARTEMISIIFOLIA* L.)
J. Taller, K.K. Mátyás, E. Nagy, E. Farkas, B. Kolics
- 14.45-15.00** CONCOMITANT SENSITIZATION TO RAGWEED AND MUGWORT POLLEN: A RE-EVALUATION OF ALLERGEN CROSS-REACTIVITY IN MILAN AREA
R. Asero, A. Ghiani, R. Aina, G. Mistrello, R. Gentili, S. Citterio
- 15.00-15.15** TESTING ALLERGENICITY OF *AMBROSIA ARTEMISIIFOLIA* POLLEN IN MICE
M. M. Epstein, M. Debiasi, C. B. Anea, G. Karrer
- 15.15-15.30** BIOLOGY AND ALLERGENICITY OF *AMBROSIA* SPP. (RAGWEED) IN ISRAEL
Y. Yair, M. Sibony, A. Goldberg, E. Shahrar, B. Rubin
- 15.30-15.45** SYMPTOM LOAD INDEX IN EUROPEAN COUNTRIES INFESTED BY RAGWEED: COMPARISON OF THE SITUATION OF HAY FEVER SUFFERERS IN AUSTRIA, GERMANY, SERBIA AND FRANCE
K. Bastl, M. Kmenta, K.-C. Bergmann, B. Šikoparija, M. Thibaudon, S. Jäger, U. Berger
- 15.45-16.00** RISK FOR DE NOVO SENSITIZATION TO RAGWEED IN CROATIAN CHILDREN
A. Uvečanaj, A. M. Gospić, M. Perica, I. Banić, J. Živković, D. Plavec, M. Turkalja

16.00-16.15 Coffee break

Session 4 – RAGWEED POLLEN ALLERGY: VETERINARY ASPECTS

Chair: Alessandro Grittini, Roberta Sacchi

- 16.15-16.45 Main lecture**
RAGWEED POLLEN ALLERGY: VETERINARY ASPECTS
N. Furiani

16.45-17.45 IRS GENERAL ASSEMBLY



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Friday, April 4th

8.30-8.45 Key note

SUSTAINABLE MANAGEMENT OF *AMBROSIA ARTEMISIIFOLIA* IN EUROPE (COST FA1203-SMARTER): OPPORTUNITIES AND CHALLENGES

H. Müller-Schärer, S. Lommen

Session 5 – RAGWEED POLLEN ALLERGY: PUBLIC HEALTH ISSUES

Chair: Maira Bonini, Michel Thibaudon

8.45-9.15 Main lecture

RAGWEED POLLEN ALLERGY AND PUBLIC HEALTH ISSUES: INSIGHTS FROM RECENT RESEARCH

N. Noisel

Oral presentations

9.15-9.30 PUBLIC AND PRIVATE ROLES IN MANAGEMENT OF AMBROSIA

A. Oude Lansink

9.30-9.45 RESULTS OF THE EU PROJECT HALT AMBROSIA

U. Starfinger, U. Sölter, A. Verschwele & the HALT AMBROSIA team

9.45-10.00 HEALTH IMPACT OF EXPOSURE TO RAGWEED POLLEN IN FRANCE

M. Thibaudon, G. Oliver

10.00-10.15 ASSESSMENT OF THE HEALTHCARE COSTS RELATED TO RAGWEED IN RHONE-ALPES REGION

A. Gelas, M-A. Chappier, X. Vitry, M. Thibaudon

10.15-10.30 COMMON RAGWEED INVASION IN SWEDEN AND HUMAN HEALTH: PRELIMINARY RESULTS OF AN IMPACT ASSESSMENT

S. Steinbach, A. Champetier de Ribes

10.30-10.45 Coffee break

10.45-12.00 Session 6 - POSTER

Chair: Uwe Berger, Victoria Rodinkova

E1 THE ASSESSMENT OF COMMUNITIES RAGWEED FIGHTS BY THE SOIL POLLEN DUST FLUX METHOD

C. Déchamp, H. Méon

E2 GERMINATION OF COMMON RAGWEED SEEDS – *AMBROSIA ARTEMISIIFOLIA* L.

B. Konstantinović, B. Konstantinović, M. Popov, N. Samardžić

E3 IMPACT OF CAMPAIGNS TO CONTROL COMMON RAGWEED ON THE POLLEN PRODUCTION

C. Sindt, G. Oliver, M. Thibaudon, Q. Martinez, B. Chauvel

E4 SPREAD OF RAGWEED IN PIEMONTE (NORTH WESTERN-ITALY): PRESENT DISTRIBUTION IN THE REGION, AEROBIOLOGICAL DATA AND SENSITIZATION IN TORINO IN THE LAST THIRTY YEARS

C. Siniscalco, R. Caramiello, E. Barni, D. Bouvet, L. Reale, F. Nebiolo

E5 DROUGHT IMPACT ON SHORT RAGWEED POLLEN DENSITY: A FIELD PERSPECTIVE

J.T. Damkjær and Jacob Ihlemann



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- E6** RAGWEED AREAS AND PREVENTIVE MEASURES IN UKRAINE
V.V. Rodinkova, I.I.Motruk, O.O. Palamarchuk
- A1** RAGWEED PLANTS AND POLLEN SPREADING IN PARMA, NORTHERN ITALY
R. Albertini, M. Ugolotti, L. Ghillani, M. Adorni, P. Vitali, C. Pasquarella
- A2** DIFFUSION AND TREND OF RAGWEED POLLEN IN ITALY
Italian Association of Aerobiology (A.I.A.) – Italian Monitoring Network in Aerobiology (R.I.M.A.®) (M. Bonini, A.Pini, A.Travaglini, M.Ugolotti, S.Voltolini, M. Zanca, R. Albertini)
- A3** THE IMPACT OF METEOROLOGICAL VARIABLES ON RAGWEED: DATA ANALYSIS AND PROPOSAL OF A FORECASTING MODEL FOR THE AREA WITH HIGH POLLINIC CONCENTRATIONS IN PIEDMONT (ITALY)
P. Carnà, C. Ivaldi, M. Calciati
- A4** THE PROBLEM OF RAGWEED POLLEN IN KRAKOW AGAINST A BACKGROUND OF OTHER POLISH REGIONS AND SOME ALLERGOLOGICAL ASPECTS
D. Myszkowska, E. Czarnobilska, B. Tokarska-Guzik, I. Kasprzyk, K. Leskiewicz, PAN Team
- A5** AMBROSIA POLLEN AT HIGH ALTITUDE (CAMPO IMPERATORE-GRAN SASSO D'ITALIA)
L. Pace, M. Casilli, L. Boccacci, P. Di Carlo
- A6** COMPARISON OF AMBROSIA POLLEN SEASONS IN THE AIR OF LUBLIN (POLAND) AND LVIV (UKRAINE) IN 2011-2013
A. Sulborska, E. Weryszko-Chmielewska, K. Piotrowska-Weryszko, K. Voloshchuk, N. Kalinovych, N. Vorobets
- A7** DYNAMICS OF RAGWEED (AMBROSIA SPP.) POLLEN SEASONS IN THE CONDITIONS OF CENTRAL-EASTERN POLAND
E. Weryszko-Chmielewska, A. Sulborska, K. Piotrowska-Weryszko
- A8** EFFECTS OF WEATHER FACTORS ON CONCENTRATION OF RAGWEED POLLEN IN BUSTO ARSIZIO AREA (LOMBARDIA)
V. Ortolani, D. Berra, E. Chiodini, M. Granconato
- A9** OBSERVATIONS ON AMBROSIA POLLEN MORPHOLOGY
A. Travaglini, C. Cappello, M.A. Brighetti
- C1** STUDY OF INTRA AND INTER POPULATION GENETIC VARIABILITY OF COMMON RAGWEED IN RELATION TO AMB A 1 ISOFORMS AND THEIR ALLERGENICITY
S. Ciappetta, A. Ghiani, R. Gentili, M. Bonini, R. Asero, S. Citterio
- C2** COMMON RAGWEED (AMBROSIA ARTEMISIIFOLIA): SYSTEMS BIOLOGY TO UNDERSTAND THE REACTION OF THE ALLERGENIC POLLEN TO AIR POLLUTIONS AND CLIMATE CHANGE
U. Frank, A.E.-Kelish, F. Zhao, W. Heller, P. Braun, J. Durner, J. B. Winkler, M. Engel, M. Pfeifer, C. von Törne, S.M. Hauck, S. Öder, H. Behrendt, C. Traidl-Hoffmann, D. Ernst
- C3** RAGWEED IN BUSTO ARSIZIO: SINCE 1986 TO DATE
P.L. Pozzi, D. Berra, P. Zanon, E. Chiodini, V. Ortolani
- C4** COMMON RAGWEED IN THE ROMANIAN PLAIN: HISTORY OF PLANT IDENTIFICATION AND ACTUAL SENSITIZATION PREVALENCE IN ALLERGIC RHINOCONJUNCTIVITIS
F.-D. Popescu



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- C5** RAGWEED ALLERGY IN THE LEGNANO AREA: OVER 20 YEARS OF STUDY
E. Re., B. Bramè, L. Marchionni
- C6** RAGWEED POLLEN SENSITIVITY AMONG CHILDREN OF CENTRAL UKRAINE
V.V. Rodinkova, O.V. Chirka, E.G. Gelman, I.I. Motruk, O.O. Palamarchuk
- V1** RAGWEED POLLEN HYPERSENSITIVITY IN ATOPIC DOGS: EVALUATION OF 357 ALLERGIC TESTS FROM A REFERRAL PRACTICE IN MILAN (2003-2013)
N. Furiani, L. Ordeix, C. Saretto, G. Zanna, F. Scarampella
- P1** FEATURES OF SHORT-RAGWEED ALLERGY IN NORTH WESTERN MILAN AREA: PRELIMINARY RESULTS
M. Bonini, E. Valerio, C. Testoni, M.E. Gattoni, S. Fagnani, P. Bottero
- P2** SMARTPHONE APPLICATION FOR RAGWEED DESCRIPTION IN RHÔNE-ALPS
M-A. Chapgier-Laboissière, A. Gelas, G. Alligier, M. Thibaudon
- P3** TREND OF PRESCRIPTION OF RAGWEED IMMUNOTHERAPY OVER TEN YEARS AS INDIRECT INDEX OF RAGWEED ALLERGY IN TREVIGLIO'S AREA
G. Manzotti, A. Besozzi, S. Panza, M. Destro
- P4** ASSESSMENT OF HEALTH COSTS DUE TO RAGWEED ALLERGY
M. Bonini, C. Testoni, E. Valerio
- P5** RAGWEED ACTION IN RHONE DEPARTMENT, FRANCE
J. Da Passano, M. Nuez, M. Thibaudon
- P6** THE EFFECTS OF RAGWEED ON THE PUBLIC HEALTH: ANALYSIS OF THE ENTRANCES TO THE EMERGENCY ROOM IN THE CITY OF TURIN (ITALY)
P. Carnà, C. Ivaldi

12.00-12.30 CLOSING CEREMONY

12.30-13.30 LUNCH BREAK and POSTER VIEW

13.30-18.00 AMBROSIA DAY 2014 - RAGWEED ALLERGY: 15 YEARS OF PREVENTION

LEGEND

- E= ECOLOGY AND MANGEMENT
A= AEROBIOLOGY
C= CLINICAL AND GENETIC
V= VETERINARY
P= PUBLIC HEALTH



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