Cooperation Centre for Scientific Research Relative to Tobacco
A non-profit organisation created in 1956 governed by French law

Purpose

To promote and facilitate cooperation in scientific research relative to tobacco and its derived products

Vision

"To be recognised by our members and relevant external bodies as an authoritative source of publicly available credible science and best practices related to tobacco and its derived products"

www.coresta.org
GOVERNANCE & STUDY GROUPS

General Assembly

Board (Strategy & Policy)

Scientific Commission (Technical oversight)

General Secretariat

Workshops, Symposiums, Conferences

Agronomy & Leaf Integrity

Phytopathology & Genetics

Product Technology

Smoke Science

Agrochemical Advisory Committee

Publishes

www.coresta.org
800 experts from 160 organisations and 37 countries* involved in 24 working groups through a streamlined process of cooperation.
More efficient and sustainable production of tobacco crop to meet expectations of stakeholders

Method
- Scientific study of the production of all tobacco leaf types
- Study of crop management practices and environmental factors that influence yield and usability
- Good Agricultural Practices for efficient, sustainable tobacco production and leaf supply
- Proficiency testing of agrochemical analysis methods
- Research on pests and sanitation in stored tobaccos

Output
Reports, Guides, Training

Result
More efficient and sustainable production of tobacco crop to meet expectations of stakeholders

www.coresta.org/groups/agronomy-leaf-integrity
Aim

Works on tobacco pests and diseases, global data monitoring, plant genetics and breeding for the development of new resistance traits and next generation products

Method

- Study of tobacco pests and diseases and plant breeding
- Study of systems to support *Nicotiana* germplasm maintenance
- Genetic mapping, molecular markers and genetic diversity
- Integrated Pest Management (IPM)
- Collection, translation and upload of plant disease data to INRA* tobacco diagnostic website and app

Output

Reports, Guides, App

Result

Improved management of tobacco and sustainable cultivars to repel pests and pathogens to develop new resistant

* Institut National de Recherches Agronomiques (France)

www.coresta.org/groups/phytopathology-genetics
**SMOKE SCIENCE**

<table>
<thead>
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<th><strong>Aim</strong></th>
<th>Investigates chemical and biological aspects of aerosol components of tobacco conventional and emerging products and means to assess exposure and product use behaviour</th>
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<tr>
<td><strong>Method</strong></td>
<td>• Scientific study of emissions from, and exposure to, tobacco conventional and emerging products • Development of specific chemical, toxicological and biological test methods</td>
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<td><strong>Output</strong></td>
<td>Reports, Recommended Methods, Guides</td>
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<td>Sound science as a basis of engaging the scientific and regulatory community</td>
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[www.coresta.org/groups/smoke-science](http://www.coresta.org/groups/smoke-science)
Aim

Characterizes tobacco and tobacco products including cigarettes, cigars, oral tobacco products, e-vapour and heated tobacco products and their components, in terms of physical and chemical properties.

Method

- Promotion of standardised definitions and analytical methods, work on consensus based standards for tobacco products and their components
- Development and maintenance of physical and chemical test methods
- Development of reference products

Output

Reports, Recommended Methods, Guides

Result

Sound science as a basis of engaging the scientific and regulatory community

www.coresta.org/groups/product-technology
AGROCHEMICAL ADVISORY COMMITTEE

Aim
Addresses matters relating to Crop Protection Agents (CPAs*) and topics associated with product stewardship and integrity in tobacco

* CPAs = agrochemicals

Method
• Development and maintenance of CPA Guidance Residue Levels (GRLs)
• Dialogue with CPA manufacturers
• Liaison with CORESTA working groups
• Monitoring of CPA issues related to the regulatory landscape, Good Agricultural Practices (GAP), the environment and labour

Output
Guides, Workshops

Result
Awareness and significant reduction of CPA residues

www.coresta.org/groups/agro-chemical-advisory-committee
CORESTA Recommended Methods (CRMs)
A consensus-based process

1. Purpose definition
2. Paper-based assessment of available methods
3. Preliminary practical assessment
4. Draft CRM; Method optimisation
5. Collaborative study with 10-20 labs & multiple products
6. Data evaluation using ISO 5725

CRM Publication
Thousands of publicly available documents
The scientific work of CORESTA conducted with full transparency has become a worldwide reference and Members recognise its crucial long-term benefits for all stakeholders

MEMBERSHIP BENEFITS

• Belong to a worldwide network of scientists and experts dedicated to tobacco and its derived products, and conducting research on sustainability.

• Participate in working groups, collaborative studies, joint experiments, proficiency tests; bring expertise and capabilities in developing methods and guidance rules.

• Elect or be elected representative on the Board and Scientific commission, the governing bodies of the Association, to direct and monitor the scientific work of the groups.

• Access the Member section of the CORESTA website, full texts of scientific papers, and additional information.

www.coresta.org/membership