

PARTNERS

ITAI

FOOD TECHNOLOGY
INSTITUTES

ACTALIA

Boulevard du 13-juin-1944
B.P. 2, 14 310 Villers-Bocage
NICOLAS ROSSI
Tel. : +33 (0)2 31 25 43 00
n.rossi@actalia.eu

ACTALIA

419 route des Champs-Laitiers
C.S. 50030
74801 La Roche-sur-Foron
Cedex
PERRINE GAY-PERRET
Tel. : +33 (0)4 50 97 93 43
p.gay-perret@actalia.eu

ADIV

10 rue Jacqueline-Auriol
ZAC des Gravanches, 63039
Clermont-Ferrand Cedex 2
MARINA RIVOLLIER
Tel. : +33 (0)4 73 98 53 80
marina.rivollier@adiv.fr

ADRIA DÉVELOPPEMENT

Z.A. Creac'h Gwen
29196 Quimper Cedex
FLORENCE POSTOLLEC
Tel. : +33 (0)2 98 10 18 18
florence.postollec@adria.tm.fr

CTCPA

Rue de la Géraudière, B.P. 62241
44322 Nantes Cedex
CHRISTOPHE HERMON
Tel. : +33 (0)2 40 40 46 49
chermon@ctcpa.org

IFIP-INSTITUT DU PORC

7 avenue du Général-de-Gaulle
94704 Maisons-Alfort Cedex
BASTIEN FREMAUX
Tel. : +33 (0)1 43 68 09 83
bastien.fremaux@ifip.asso.fr

IFV

46 avenue Gustave-Eiffel
37100 Tours
PASCAL POUPAULT
Tel. : +33 (0)2 47 88 24 20
pascal.poupault@vignevin.com

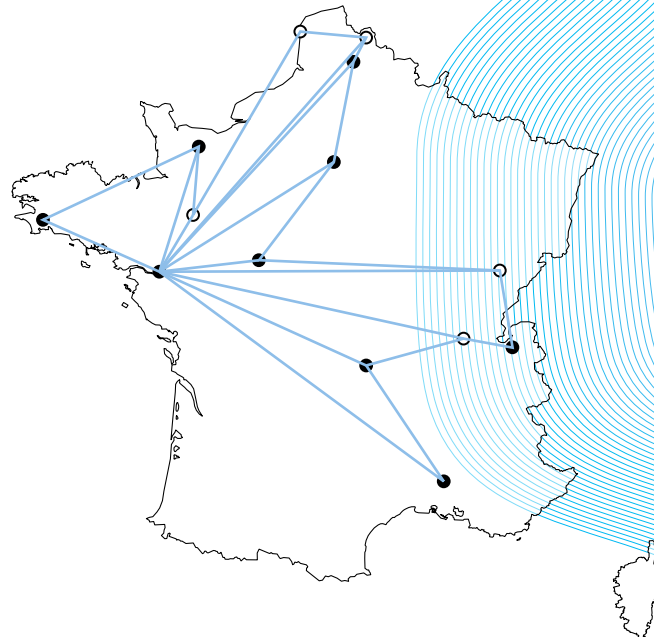
INTERFACE PARTNERS

CASIMIR

24 avenue des Landais
B.P. 154, 63173 Aubière
JACQUES THÉBAULT
Tel. : +33 (0)4 73 28 85 28
jthebault@casimir.org

CRITT PACA

Cité de l'Alimentation
Rue Pierre-Bayle, B.P. 11548
84916 Avignon Cedex 9
SYLVIE PERRET
Tel. : +33 (0)4 90 31 55 08
sylvie.perret@critt-iaa-paca.com



TECHNICAL PARTNERS

ADRIANOR

Rue Jacquart, Z.I. Est-Arras
62217 Tilloy-lès-Mofflaines
MAGALI HANNEQUIN
Tel. : +33 (0)3 21 24 81 03
mhannequin.adrianor@
wanadoo.fr

CETIM

74 route de la Jonelière,
B.P. 82617
44326 Nantes Cedex 3
DANIEL PIERRAT
Tel. : +33 (0)2 40 37 36 35
daniel.pierrat@cetim.fr

EDUCATION & RESEARCH

AGROPARISTECH

25 avenue de la République
91300 Massy
MARIE-NOËLLE BELLON-FONTAINE
Tel. : +33 (0)1 69 93 51 47
marie-noelle.bellon-fontaine@
agroparistech.fr

ANSES

Boulevard Bassin-Napoléon
62200 Boulogne sur mer
GRAZIELLA BOURDIN-MIDELET
Tel. : +33 (0)3 21 99 25 00
graziella.bourdin@anses.fr

ÉNIL DE MAMIROLLE

15 Grand-Rue
25620 Mamirolle
PATRICE DIEUDONNÉ
Tel. : +33 (0)3 81 55 92 00
patrice.dieudonne@educagri.fr

INRA LGPTA

369 r. Jules-Guesde, B.P. 20039
59651 Villeneuve-d'Ascq Cedex
THIERRY BÉNÉZECH
Tel. : +33 (0)3 20 43 54 24
Thierry.benezech@lille.inra.fr

LYCÉE AGRICOLE DE LAVAL

321 route de Saint-Nazaire
B.P. 81319, 53013 Laval Cedex
KARINE BOUTROUX
Tel. : +33 (0)2 43 68 24 93
karine.boutroux@educagri.fr

UNIVERSITÉ LYON 1

BIODYMIA
IUT Lyon 1,
Technopôle Alimentec
Rue Henri-de-Boissieu
01000 Bourg-en-Bresse
NADIA OULAHAL
Tel. : +33 (0)4 74 47 21 41
nadia.oulahal@univ-lyon1.fr

JOINT TECHNOLOGICAL NETWORK

CHLEAN

HYGIENIC DESIGN
OF PRODUCTION LINES & EQUIPMENT

A NETWORK OF EXPERTS DEDICATED TO THE FOOD AND AGRICULTURE INDUSTRY

Joint technological networks (Réseaux mixtes technologiques, RMT) are a new form of scientific and technical partnership established and supported by the French Ministry responsible for Food and coordinated by Actia for the food industry.

EXPERTISE DEDICATED TO COMPANIES AND AUTHORITIES

This collaboration of key players in development, transfer, research and education constitutes a unique network in the field of the hygienic design of equipment. Pooling their skills, laboratories, and trial facilities enables them to provide companies and authorities with expertise in innovation and quality.

COMBINED RESEARCH & DEVELOPMENT PROGRAMMES

In order to consolidate knowledge in the field, the RMT is investigating :

- the understanding of phenomena of biocontamination and of bioadhesion on surfaces;
- the qualification and the quantification of contaminations;
- optimised design of surfaces and equipment;
- new technologies for the decontamination of surfaces.

A FORUM FOR SYNERGY AND DISCUSSION

Designed to popularise, communicate and disseminate technical advances, ensuring they are both usable and used as quickly and effectively as possible by all operators.

ACTIA, THE FRENCH NETWORK OF FOOD TECHNOLOGY INSTITUTES

16 rue Claude-Bernard . 75231 Paris Cedex 05
Telephone : +33 (0)1 44 08 86 20 . Fax : +33 (0)1 44 08 86 21
Email : actia @ actia-asso.eu . Web : www.actia-asso.eu

With the support of the French Ministry responsible for Food

Design : Anne-Lise Dermenghem - Actia . Printed by Escourbiac (certified Imprim'vert)
Paper Munken (Arctic Paper, ISO 14 001), from managed forests in a durable way



ACTIA

NETWORK COORDINATION

CTCPA

Christophe Hermon
Rue de la Géraudière, B.P. 62241
44322 Nantes Cedex
Telephone : +33 (0)2 40 40 46 49
www.ctcpa.org

ctcpa

EQUIPEMENT HYGIENE R&D, EXPERTISE, TRANSFER

BIOCONTAMINATION OF SURFACES

- Synthesis of laboratory practices for the setting up of biofilms in static and dynamic conditions
- Harmonisation of sampling practices
- Development of methods of recovery and quantification for low contaminations
- Interaction of microorganisms with surfaces of different properties

HYGIENIC DESIGN

- Hydrodynamic modelling to estimate the ability of cleaning in place procedures, for closed circuits
- Setting up a test protocol to compare the cleanability of equipment

CLEANING AND DISINFECTION PROCESS

- Identification and validation of new solutions for the decontamination of surfaces
- Development of rapid methods for the validation of cleanliness of surfaces or for the measurement of clogging

DISSEMINATION AND SHARING OF KNOWLEDGE

- Database « *wik'hygiène* » developed by the partners and available to the industry, researchers and teachers
- Organisation and participation in conferences
- Publication of practical guides, scientific and technical articles

FURTHER AND CONTINUING EDUCATION

- Development of specific undergraduate modules
- Development of modules adapted to continuing education
- Evolution of professional standards (CQP, French Professional Qualification Certificate)

BACTERIAL COLONISATION ON A SURFACE

NUMERICAL SIMULATION OF CLEANABILITY

