

1-	CNRS UMR 7369	Matrice Extracellulaire et Dynamique Cellulaire (MEDyC)	L. MARTINY
2-	CNRS UMR 7312	Institut de Chimie Moléculaire de Reims (ICMR)	JH.RENAULT
3-	INSERM URMS 1250	Pathologies Pulmonaires et Plasticité Cellulaire (P3Cell)	M. POLETTE
4-	UMR-I 02	Biosurveillance protozoaires médicaments milieu aquatiques (SEBIO)	C. COSIO
5-	CNRS UMRS 9008	Laboratoire de Mathématiques de Reims (LMR)	M. PEZVNER
6-	EA 3795	Groupe d'Etude sur les Géomatériaux et les Environnements Naturels Anthropiques et Archéologiques (GEGEENA)	V. BARBIN
7-	EA 3797	Santé publique, vieillissement, Qualité de vie et Réadaptation des sujets âgés fragiles (VIEFRA)	D. JOLLY
8-	EA 7510 - USC Anses	Protozooses, transmises par l'alimentation : circulation et pathogénie (ESCAPE)	I. VILLENA
9-	EA 3801	Hémostase et Remodelage Vasculaire post-Ischémie (HERVI)	P. N'GUYEN
10-	EA 3804	Centre de Recherche en STIC (CRESTIC)	N. PASSAT
11-	EA 4682	Laboratoire de Recherche en Nanosciences (LRN)	I. NABIEV
12-	EA 4684	Enterovirus et pathologies cardiaques humaines (CARDIOVIR)	L. ANDREOLETTI
13-	EA 4691	Biomatériaux et Inflammation en site osseux (BIOS)	S. GANGLOFF
14-	EA 6291	Cognition, Santé, Société (C2S)	S. CAILLIES
15-	EA 7506	BioSpectroscopie Translationnelle (BIOSPECT)	O. PIOT
16-	EA 7507	Performance Santé Métrologie Santé (PSMS)	E. ROSNET
17-	EA 7509	Immuno Régulation dans les maladies auto-immunes, inflammatoires et la Cancer (IRMAIC)	R. LE NAOUR

18- CHU de Reims

19- Institut Godinot, Reims

20- Plateaux techniques URCA

Publications internationales communes 2021 (n=1) :

The elastin peptide VGVAPG increases CD4⁺ T-cell IL-4 production in patients with chronic obstructive pulmonary disease.

F. Lemaire¹⁷, S. Audonnet²⁰, JM Perotin³, P. Gaudry, S. Dury¹⁷, J. Ancel, F. Lebargy¹⁷, F. Antonicelli¹⁷, G. Deslée³, R. Le Naour^{17,20}. *Respir Res.* 2021 Jan 13;22(1):14. doi: 10.1186/s12931-020-01609-4

Publications internationales communes 2020 (n=54) :

Incremental Value of CSF Biomarkers in Clinically Diagnosed AD and Non-AD Dementia.

JB. Oudart^{1,18}, Z. Djerada^{9,18}, V. Nonnonhou¹⁸, S. Badr¹⁸, LA. Bertholon¹⁸, A. Dammak, Y. Jaidi¹⁸, JL. Novella¹⁸, N. Pallet, P. Gillery^{1,18}, R. Mahmoudi^{7,18}.
Front Neurol 2020.

Infrared Microspectroscopy and Imaging Analysis of Inflammatory and Non-Inflammatory Breast Cancer Cells and Their GAG Secretome.

HT. Mohamed^{1,18}, V. Untereiner²⁰, G. Cinque, SA. Ibrahim, M. Götte, NQ. Nguyen, R. Rivet^{1,18}, GD. Sockalingum¹⁵, S. Brézillon^{1,18}.
Molecules. 2020 Sep 19;25(18):4300. doi: 10.3390/molecules25184300.

HS2ST1-dependent signaling pathways determine breast cancer cell viability, matrix interactions, and invasive behavior.

A. Vijaya Kumar, S. Brézillon¹, V. Untereiner²⁰, GD. Sockalingum¹⁵, S. Kumar Katakam, HT. Mohamed¹⁵, B. Kemper, B. Greve, B. Mohr, SA. Ibrahim, FM. Goycoolea, L. Kiesel, MSG. Pavão, JM. Motta, M. Götte.
Cancer Sci. 2020 Aug;111(8):2907-2922. doi: 10.1111/cas.14539.

Label-Free Infrared Spectral Histology of Skin Tissue Part II: Impact of a Lumican-Derived Peptide on Melanoma Growth.

S. Brézillon^{1,18}, V. Untereiner²⁰, HT. Mohamed^{1,18}, E. Ahallal^{1,18}, I. Proult^{1,18}, P. Nizet^{1,18}, C. Boulagnon-Rombi¹, GD. Sockalingum¹⁵.
Front Cell Dev Biol. 2020 May 29;8:377. doi: 10.3389/fcell.2020.00377.

Label-Free Infrared Spectral Histology of Skin Tissue Part I: Impact of Lumican on Extracellular Matrix Integrity.

L. Nannan^{1,18}, V. Untereiner²⁰, I. Proult^{1,18}, C. Boulagnon-Rombi^{1,18}, C. Colin-Pierre^{1,18}, GD. Sockalingum¹⁵, S. Brézillon^{1,18}.
Front Cell Dev Biol. 2020 May 12;8:320. doi: 10.3389/fcell.2020.00320.

Thrombospondin-1 receptor CD47 overexpression contributes to P-Glycoprotein-mediated Multidrug Resistance against doxorubicin in thyroid carcinoma FTC-133 cells.

MP. Courageot¹⁵, L. Duca¹, L. Martiny¹, E. Devarenne-Charpentier¹, H. Morjani¹⁵, H. El-Btaouri¹.
Front Oncol. 2020;10:551228.

LRP-1 Promotes Colon Cancer Cell Proliferation in 3D Collagen Matrices by Mediating DDR1 Endocytosis.

CC. Le^{1,15,18}, A. Bennisroune¹, G. Collin¹⁵, C. Hachet¹, V. Lehrter¹⁵, D. Rioult²⁰, S. Dedieu¹, H. Morjani¹⁵, A. Appert-Collin¹.
Front Cell Dev Biol. 2020;8:412.

Functional Interplay Between Collagen Network and Cell Behavior Within Tumor Microenvironment in Colorectal Cancer.

CC. Le^{1,15,18}, A. Bennasroune^{1,18}, B. Langlois^{1,18}, S. Salesse^{1,18}, C. Boulagnon-Rombi^{1,18}, H. Morjani^{15,18}, S. Dedieu^{1,18}, A. Appert-Collin^{1,18}.

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In depth investigation of collagen non-enzymatic glycation by Raman spectroscopy.

F. Alsamad¹⁵, B. Brunel¹⁵, V. Vuiblet¹⁵, P. Gillery¹, S. Jaisson¹, O. Piot¹⁵.

Spectrochim Acta A Mol Biomol Spectrosc. 2020 Dec 28;251:119382. doi: 10.1016/j.saa.2020.119382. Online ahead of print.

Towards normalization selection of Raman data in the context of protein glycation: application of validity indices to PCA processed spectra.

F. Alsamad¹⁵, C. Gobinet, V. Vuiblet¹⁵, S. Jaisson¹, O. Piot¹⁵.

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SegSRGAN: Super-resolution and segmentation using generative adversarial networks — Application to neonatal brain MRI.

Q. Delannoy¹⁰, CH. Pham, C. Cazorla¹⁰, C. Tor-Díez, G. Dollé, H. Meunier¹⁸, N. Bednarek^{10,18}, R. Fablet, N. Passat¹⁰, F. Rousseau.

Computers in Biology and Medicine, 120:103755, 2020. 10.1016/j.combiomed.2020.103755

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G. Loron^{10,18}, T. Tromeur¹⁸, P. Venot¹⁸, J. Beck¹⁸, L. Andreoletti^{12,18}, P. Mauran¹⁸, N. Bednarek^{10,18}.

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D. Morland^{10,19}, P. Lalire¹⁹, S. Deguelte¹⁸, M. Zalzali¹⁹, C. Richard¹⁹, S. Dejust¹⁹, C. Boulagnon¹⁸, S. Ly¹⁸, D. Papathanassiou^{10,19}, B. Delemer¹⁸.

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K. Didier¹⁷, D. Giusti¹⁷, S. Le Jan¹⁷, C. Terryn²⁰, C. Muller¹⁷, BN Pham¹⁷, R. Le Naour¹⁷, FD Antonicelli¹⁷, A. Servettaz¹⁷. *J Clin Med.* 2020 Jul 7;9(7):2136. doi: 10.3390/jcm9072136.

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S. Potteaux¹⁷, J. Lehmann-Che, A. Bensussan, R. Le Naour¹⁷, Y. Merrouche^{17,19}. Multiple Roles of the Interleukin IL-17 Members in Breast Cancer and Beyond.

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A. Ainouche¹⁹, D. Morland^{10,19}, C. Durot¹⁸, C. Hoeffel^{10,18}, D. Papathanassiou^{10,19}.

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Prospective comparison of whole-body MRI with diffusion-weighted and conventional imaging for the follow-up of neuroendocrine tumors.

M. Minon¹⁸, C. Soriano¹⁸, D. Morland^{10,19}, T. Walter, C. Lepage, A. Tabarin, M. Deblock, P. Rousset, C. Barbe¹⁸, C. Hoeffel^{10,18}, G. Cadiot¹⁸.

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D. Morland^{10,19}, S. Dejust¹⁹, M. Brasseur¹⁸, L. Monnier,¹⁸ D. Papathanassiou^{10,19}.

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18FDG PET/CT in Primary Cutaneous Diffuse Large B-Cell Lymphoma Leg Type.

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C. Durot, E. Durot¹⁸, D. Morland^{10,19}, F. Godard, D. Jolly⁷, A. Delmer, S. Mulé, C. Hoeffel^{10,18}.

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Performance of 18F-FDG PET in characterization of the primary tumor in breast cancer.

M. Zalzali¹⁹, S. Dejust¹⁹, C. Garbar¹⁹, A. Debreuve¹⁹, D. Morland^{10,19}.

Médecine Nucléaire, 44(1):26-32, 2020. 10.1016/j.mednuc.2019.10.002.

18F-FDG PET/CT in Sporadic Creutzfeldt-Jakob Disease.

G. Zizi¹⁹, H. Berger, P. Lalire¹⁹, S. Dejust¹⁹, D. Morland^{10,19}.

Clinical Nuclear Medicine, 45(7):538-539, 2020. 10.1097/RLU.0000000000003059.

Multimodality Imaging Features of a Misleading Sacral Giant Cell Tumor in 18F-FDG PET/CT, Bone Scan, and MRI.

S. Dejust¹⁹, P. Jallerat¹⁹, P. Soibinet-Oudot¹⁹, C. Jouannaud¹⁸, D. Morland^{10,19}.

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18F-FDG PET/CT Evaluation of Crizotinib and Lorlatinib Therapy in Metastatic ROS-1-Positive Non-Small Cell Lung Cancer.

S. Dejust¹⁹, A. Moubtakir¹⁹, A. Prevost¹⁹, K. El Farsaoui¹⁹, D. Morland^{10,19}.

Clinical Nuclear Medicine, 45(3):209-210, 2020. 10.1097/RLU.000000000000291.2

An inaugural diabetic ketoacidosis with acute pancreatitis during COVID-19.

C. Tollard¹⁸, V. Champenois¹⁸, B. Delemer^{10,18}, A. Carsin-Vu¹⁸, S. Barraud^{10,18}.

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Involvement of small bowel in systemic disease: CT and MR imaging finding.

B. Hamet¹⁸, C. Durot¹⁸, M. Djelouah¹⁸, I. Adlani¹⁸, A. Marchal¹⁸, L. Arrivé, C. Hoeffel^{10,18}.

Clinical Imaging, 67:74-85, 2020. 10.1016/j.clinimag.2020.05.031.

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Gut, 69(3):531-539, 2020. 10.1136/gutjnl-2018-316407.

Unusual intestinal and extra intestinal findings in Crohn's disease seen on abdominal computed tomography and magnetic resonance enterography.

A. Ainouche¹⁸, C. Durot¹⁸, P. Soyer, R. Kianmanesh¹⁸, S. Mulé, C. Hoeffel^{10,18}.

Clinical Imaging, 59(1):30-38, 2020. 10.1016/j.clinimag.2019.04.010.

Neural Responses to the Implicit Processing of Emotional Facial Expressions in Binge Drinking.

S. Lannoy¹⁴, L. Dricot, F. Benzerouk^{14,18}, C. Portefaix^{10,18}, S. Barrière¹⁸, V. Quaglino, M. Naassila, A. Kaladjian^{14,18}, F. Gierski^{14,18}.

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N. Hoertel, L. Rotenberg, C. Blanco, RP. de Raykeer, C. Hanon, A. Kaladjian^{14,18}, F. Limosin, Csa Study Group.

European Archives of Psychiatry and Clinical Neuroscience, 270(6):673-688, 2020. 10.1007/s00406-019-01026-9.

A New Way for Probing Bond Strength.

J. Klein², H. Khartabil², JC. Boisson¹⁰, J. Contreras-Garcia, JP. Piquemal, E. Henon².

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An Atomic Decomposition Scheme of Noncovalent Interactions applied to Host-Guest Assemblies.

M. Ponce-Vargas², C. Lefebvre², JC. Boisson¹⁰, E. Hénon².

Journal of Chemical Information and Modeling, 60(1):268-278, 2020. 10.1021/acs.jcim.9b01016.

Segmentation of axillary lymph nodes in PET/CT scans: First experiments.

DL. Farfan Cabrera, N. Gogin, D. Morland^{10,19}, D. Papathanassiou^{10,19}, N. Passat¹⁰.

Extraction et Gestion des Connaissances - Atelier Apprentissage Profond : Théorie et Applications (APTA@EGC) 2020.

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DL. Farfan Cabrera, N. Gogin, D. Morland^{10,19}, B. Naegel, D. Papathanassiou^{10,19}, N. Passat¹⁰.

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Réseaux antagonistes génératifs pour la reconstruction super-résolution et la segmentation en IRM.

Q. Delannoy¹⁰, CH. Pham, C. Cazorla¹⁰, C. Tor-Díez, G. Dollé, H. Meunier¹⁸, N. Bednarek^{10,18}, R. Fablet, Nicolas Passat¹⁰, F. Rousseau.

Extraction et Gestion des Connaissances - Atelier Apprentissage Profond : Théorie et Applications (APTA@EGC) 2020.

In Vitro and In Vivo Activity of *Anogeissus leiocarpa* Bark Extract and Isolated Metabolites against *Toxoplasma gondii*.

J. Spalenska^{2,18}, J. Hubert², L. Voutquenne-Nazabadioko², S. Escotte-Binet⁸, N. Borie², F. Velard¹³, I. Villena^{8,18}, D. Aubert^{8,18}, JH. Renault².

Planta Med., 2020, 86, 294-302. Doi.1055/a-1088-8449.

Use of the bivalve *Dreissena polymorpha* as a biomonitoring tool to reflect the protozoan load in freshwater bodies.

E. Géba⁴, D. Aubert⁸, L. Durand, S. Escotte⁸, S. La Carbona, C. Cazeaux, I. Bonnard⁴, F. Bastien⁴, M. Palos Ladeiro⁴, JP. Dubey, I. Villena⁸, A. Geffard⁴, A. Bigot-Clivot⁴.
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E. Géba^{4,8}, A. Rousseau⁸, A. Le Guernic⁴, S. Escotte-Binet⁸, L. Favennec⁸, S. La Carbona, G. Gargala⁸, JP. Dubey, I. Villena⁸, S. Betoulle⁴, D. Aubert⁸, A. Bigot-Clivot⁴.
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M. Peretti, M. Badaoui, A. Girault, L. Van Gulick¹⁵, MP. Mabilille, R. Teakha, H. Sevestre, H. Morjani¹⁵, H. Ouadid-Ahidouch.
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CFTR-deficient pigs display alterations of bone microarchitecture and composition at birth.

J. Braux¹³, M.L. Jourdain¹³, C. Guillaume¹³, V. Untereiner²⁰, O. Piot¹⁵, A. Baehr, N. Klymiuk, N. Winter, M. Berri, D. Buzoni-Gatel, I. Caballero, A. Guillon, M. Si-Tahar, J. Jacquot¹³, F. Velard¹³.
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G. Julien¹⁸, M. Francois¹⁸, V. Vernet-Garnier¹⁸, O. Bajolet¹⁸, D. Lebrun, M. Hentzien¹⁸, X.Ohl¹³, S. Diallo¹⁸, F. Bani-Sadr¹⁸.
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C. Mongaret¹³, J. Varin-Simon¹³, F. Lamret¹³, TS. El-Mahdy¹³, L. Brasme¹⁸, V. Vernet-Garnier¹⁸, SC. Gangloff¹³, X. Ohl^{13,18}, F. Reffuveille¹³.
Microorganisms. 2020;8:1409.

Abundant Extractable Metabolites from Temperate Tree Barks: The Specific Antimicrobial Activity of *Prunus Avium* Extracts.

A. Abedini^{2,13}, M. Colin¹³, J. Hubert², E. Charpentier¹³, Angelis-A, H. Bounasri^{2,13}, B. Bertaux², A. Kotland, F. Reffuveille¹³, JM. Nuzillard², JH. Renault², SC. Gangloff¹³.
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H. Rammal¹³, M. Dubus¹³, N. Bercu¹¹, E. Mathieu, C. Terryn²⁰, M. Molinari¹¹, SC.Gangloff¹³, Nassif-N, C. Mauprivez¹³, Quilès-F, H. Kerdjoudj¹³.
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The Role of Community Pharmacists in the Detection of Clinically Relevant Drug-Related Problems in Chronic Kidney Disease Patients.

C. Mongaret^{8,18}, L. Aubert¹⁸, A. Lestrille¹⁸, V. Albaut¹⁸, P. Kreit, E. Herlem¹⁸, N. Noel¹⁸, F. Touré¹⁸, F. Lallier, F. Slimano¹⁸, MIRPhO Investigators Study.
Pharmacy (Basel). 2020 May 22;8(2):E89.

Functional interplay between collagen network and cell behavior within tumor microenvironment in colorectal cancer.

C. Le Cao^{1,15,18}, A. Bennasroune^{1,18}, B. Langlois^{1,18}, S. Salesse^{1,18}, C. Boulagnon-Rombi^{1,18}, H. Morjani^{15,18}, S. Dedieu^{1,18}, A. Appert-Collin^{1,18}.
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L. Nannan^{1,18}, V. Untereiner²⁰, I. Prout^{1,18}, C. Boulagnon-Rombi^{1,18}, C. Colin-Pierre^{1,18}, GD. Sockalingum¹⁵, S. Brézillon^{1,18}.
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F. Benzerouk^{14,18}, Z. Djerada⁹, E. Bertin¹⁸, S. Barrière¹⁸, F. Gierski^{14,18}, A. Kaladjian^{14,18}. (2020).
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The modified Yale Food Addiction Scale 2.0: validation among non-clinical and clinical French-speaking samples and comparison with the full Yale Food Addiction Scale 2.0.
P. Brunault, S. Berthoz, AN. Gearhardt, F. Gierski^{14,18}, A. Kaladjian^{14,18}, E. Bertin¹⁸, A. Tchernof, L. Berthio, A. de Luca, R. Hankard, R. Courtois, N. Ballon, F. Benzerouk^{14,18}, C. Bégin, (2020).
Frontiers in Psychiatry, Addictive disorders, 11(480671). DOI : 10.3389/fpsy.2020.480671.

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S. Lannoy¹⁴, L. Dricot, F. Benzerouk^{14,18}, C. Portefaix^{10,18}, S. Barrière¹⁸, V. Quaglino, A. Kaladjian^{14,18}, M. Naassila, F. Gierski^{14,18} (accepté). Neural correlates of implicit emotional processing in binge drinking.
Alcohol and Alcoholism. DOI : 10.1093/alcalc/aga093.

Heterogeneity of executive function abilities in recently detoxified patients with alcohol use disorder : Evidence from a cluster analysis.
F. Schmid¹⁴, F. Benzerouk^{14,18}, S. Barrière¹⁸, A. Henry^{14,18}, F. Limosin, A. Kaladjian^{14,18}, F. Gierski^{14,18}.
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Assessing *Toxoplasma gondii* oocyst infectivity using a sporocyst-based cell-culture assay combined with qPCR for environmental applications.

A. Rousseau⁸, S. Escotte-Binet⁸, S. La Carbona, A. Dumètre, S. Chagneau⁸, L. Favennec⁸, S. Kubina⁸, JP. Dubey, Majou D., A. Bigot-Clivot⁴, Villena I⁸, Aubert D⁸.
Appl. Environ. Microbiol., 2019, 85, pii : e01189-19.

Low-diluted Phenacetinum disrupted the melanoma cancer cell migration.

C. Fuselier¹, C. Terryn²⁰, A. Berquand¹¹, JM. Crowet¹, A. Bonnomet²⁰, M. Molinari¹¹, M. Dauchez¹, L. Martiny¹, C. Schneider¹.
Scientific Reports, 9., 9109 (2019).

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S. Kumar, RP. Sharma, P. Venugopalan, V. Ferretti, M. Tarpin¹, S. Sayen², E. Guillon^{1,2}.
Inorganica Chimica Acta. 2019. 488: 260-268.

Is mirror image method really useful in tumor tissue bank quality control ?

O. Dudez, V. Dalstein³, L. Kanagaratnam, S. Nasri, C. Coquelet, C. Fichel, N. Bouland, E. Lemaire^{1,3}, MD. Diebold, A. Marchal-Bressenot, C. Boulagnon-Rombi¹.
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