



Massoud Mirshahi Titres et travaux scientifiques



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Massoud MIRSHAHI: M. D., Ph.D, French nationality, Researcher in CNRS (1986- p), Professor of oncology (2009-p), Academician (2002) (FM), Co-head of Regenerative Medicine in Avicenna University, Dushanbe (Tajikistan 2009-p), Several patents and licenses for industrial exploitation, several scientist awards such as Immunopathology of the Eye, Tokyo Japan, 1986, American College of Toxicology » 2002, Pennsylvania, USA, Prize of “Institut de France” (Prix Dalloz), 2006, Paris, south Korea cancer institute 2017, over 200 international scientific publications, 290 congress communications. Editor en chef for several scientific journal, Reviewer in several International Journals such as in Oncology, immunology and Ophthalmology fields. Member of several International Academic Associations, Thesis director of more than 20 thesis, as well as several postgraduate students, Masters, and

postdoctoral students. Obtaining of research grants from several local associations, French or foreign industries and foundations. Main research specialty is: cancerology, immunology, fibrinolysis, thrombosis and coagulation, ocular immunopathology, principal activity: role of the microenvironment in cancer cell proliferation, metastasis and resistance to therapy. Discovery of a tumor micro-environmental cell (named Hospicell) protecting cancer cells from chemotherapy by different mechanisms. Stem cell therapy for heart regenerative medicine and target therapy in cancer disease.

Key words: Arrestin, Plasminogen Activators, Fibrin-Fibrinogen, Thrombosis, D-Dimer, Autoimmune-Disease, Mineralocorticoid Receptor (MCR), Epithelial Sodium Channel (Enac), Ophthalmology (Retina And Cornea), Cancer, Angiogenesis, Chemoresistance, Leukemia, Bone Marrow Stromal Cells, Hospicell, Biomaterial, Nanoparticle, Radio-Frequency Plasma, Mesenchymal Cells, Stem Cells, Regenerative Medicine, Carcinomatosis. Personalized Medecine. Cancer and Thrombosis, Immunology of Cancer, HLA-G.

CURRICULUM VITAE

Massoud MIRSHAHI

Né le 19 Mai 1954 à Nishabour (Iran)

Nationalité : Française, marié, deux enfants

Titres : Docteur, Professeur, Academicien

Diplôme :

- DERBH en Physiologie et Biochimie de l'hémostase

(Pr. Caen -Faculté de Médecine de Paris VII), 1987.

- Doctorat d'Etat en Science de Biologie Humaine [immunologie]

(Pr. Seligman Faculté de Médecine de Paris VII), 1986

- Doctorat en Médecine.

(Pr Hemker, Université de Limbourg, Holland), 1984

- AEA de Physiologie et Biochimie de l'hémostase

(Pr. Caen Faculté de Médecine de Paris VII), 1984

- AEA d'Immunogénétique et Transplantation, Immunopathologie

(Pr. Seligman Faculté de Médecine de Paris VII), 1984

- Certificat d'Etudes Supérieures d'Immunologie Générale

(Pr. Homberg -Faculté de Médecine de Paris VI), 1983

- Certificat d'Etudes Supérieures en Cancérologie Générale et expérimentale

(Pr. Mathé-Faculté de Médecine de Paris XI), 1983

Activités :

- Directeur de département innovation pharmaceutique et la médecine expérimentale, Tadjikistan National Academie of Science, 2018.
- Directeur d'un groupe de recherche sur Carcinose Périliteuse INSER U965 (2015-2019) et l'INSERM U1275 (2019 -...)
- Directeur d'un groupe de recherche sur « Rôle du micro-environnement médullaire dans la survie des cellules cancéreuses » CRC, UMRS872 (1999-2015),
- Directeur d'équipe de recherche (physiologie et immunopathologie oculaire), INSERM U86, XU86, 1986-1998.
- Professeur en Cancérologie, Faculté de Médecine d'Avicenne, Tadjikistan, 2009.
- Membre et Professeur à l'Académie des Sciences du Tadjikistan, 2002
- Directeur d'un groupe de recherche sur physiopathologie de l'œil, INSERM U86.
- Chargé de recherche au CNRS (1^{ère} classe), France 1986, CRHC, 2018.
- Médecin Attaché aux hôpitaux de Paris (1988-1998)

Autres activités :

- Membre de Conseil de Gestion, Faculté de Médecine, Paris VI (1998-2001)
- Membre de Conseil de Gestion, Institut Biomédicale des cordeliers (2003- 2006)
- Membre d'AERES, 2008

Membre des sociétés scientifiques :

- International Society of Precision Cancer Medicine, Corée du sud
- American Chemical Society, USA
- Endocrine Society, USA
- Groupe de Réflexion sur la Recherche Cardiovasculaire, France
- Académies des Sciences (Tadjikistan)
- New York Academy of Sciences, USA
- Association for Eye Research, Europe
- Société des Neurosciences, France
- Société Française d'Immunologie, France
- International Society for Fibrinolysis and Thrombolysis, Europe
- Association for Research in Vision and Ophthalmology, USA

Bourse et Prix Scientifiques :

- Bourse de la Fondation pour la Recherche Médicale, 1983-84
- Prix de la Fondation de France-IPSEN, 1986, Paris-France

- Prix d'Immun pathologie oculaire 1990, Tokyo, Japon
- Prix de « American College of Toxicology » 2002, Pennsylvania, USA
- Prix de l'Institut de France (Prix Dalloz), 2006, Paris, France
- Prix de l'institut de Cacerologie, Séoul, Corée, 2016.

Subventions et contrats divers :

- Rétina France,
- ARC,
- Fondation de France,
- Servier, France
- Fondation des gueules Cassées,
- Baxter. Germany (2005-2011),
- Stago Diagnostica, France (2008-2010)
- ARCAGY, France, (2010-2012)
- Qatar Founation (2010-2014)
- INCA, institut national contre cancer (2014-2017)

Direction et contribution à des thèses et mémoires de Maîtrise et DEA, Master 1 et 2

Thèse :

1. **1995** Lopez Alemany Roser. Purification et caractérisation biochimique du récepteur de la plasmine et du plasminogène dans des cellules carcinomateuses humaines.
Thèse de Doctorat en Sciences, Paris XI
2. **1998** Nicolas Corine. Les protéines apparentées à l'arrestine visuelle, expression et immuno localisation dans les tissus oculaires.
Thèse de Doctorat en Sciences, Paris VI
3. **2000** Merodio de la Quintana Marta. Albumin nanoparticules form for the administration of gancilovir,
Thèse de Doctorat en Sciences, Université de Navarra, Espagne (Co-Direction).
4. **2000** Golestaneh Nady. Les récepteurs minéralocorticoïdes et les canaux à Na des tissus épithéliaux (ENaC), expression, régulation et immunolocalisation dans les tissus oculaires et les cellules non épithéliales.
Thèse de Doctorat en Sciences, Paris VI.
5. **2002** Ghedira Ibtissem. Anticorps monoclonaux contre l'arrestine et la transducine de la rétine
Thèse de Doctorat en Sciences, Université de Monastir, Tunisie
6. **2003** Vincent Loïc. Le stroma dans les maladies vasculaires et malignes: Physiopathologie de l'angiogenèse et développement de nouvelles stratégies anti-angiogéniques. Physiopathologie des cellules stromales issues des cellules souches dans les leucémies.
Thèse de Doctorat en Sciences, Université de Rouen. (Co-direction)

7. **2008** Rafii Arash. Rôle du micro environnement des adénocarcinomes ovariens et mammaires sur l'implantation et la survie des cellules tumorales ; mécanismes cellulaire et moléculaire.
Thèse de Doctorat en Sciences, Paris XI
8. **2009** Ducros Elodie. Cancer et thrombose, le rôle du récepteur de la protéine C.
Thèse de Doctorat en Sciences, Paris XI
9. **2010** Sakly Nabil. Implication des anticorps anti cellules endothéliales et des anticorps anti nucléaires dans l'angiogenèse au cours du lupus érythémateux systémique.
Thèse de Doctorat en Sciences, Université de Monastir, Tunisie (Codirection).
10. **2010** ZAHIR Muraf. La protéine 'BH3-Only' Noxa, cible spécifique de l'induction d'apoptose pour la thérapie des leucémies lymphoïdes chroniques. (Codirection)
Thèse de Doctorat en Sciences, Paris XI (16 septembre 2011)
11. **2011** Lis Raphaël. Rôle du microenvironnement dans la survenue de la maladie métastatique et l'apparition d'une maladie résiduelle.
Thèse de Doctorat en Sciences, Paris XI (18 novembre 2011)
12. **2012** Touboul Cyril. Influence du stroma et des cellules souches mésenchymateuses sur la dissémination et la résistance au traitement des carcinomes ovariens épithéliaux Thèse de Doctorat en Sciences, Paris XI (21 novembre 2012)
13. **2012** Azzazene Dalel. Cancer de l'ovaire et immunité anti tumorale, rôle de l'« human leukocyte antigen»(HLA),
Thèse de Doctorat en Sciences, Paris XI (06 décembre 2012)
14. **2012** Benabbou Nadia. Implication de « l'insulinlikegrowth factor -1 » (IGF-1) secrété par le microenvironnement tumoral, dans la survie et la chimiorésistance des cellules cancéreuses.
Thèse de Doctorat en Sciences, Paris XI (21 décembre 2012)
15. **2015** Besbes Samaher: Rôle de la Protéine C, un anticoagulant naturel, dans l'association thrombose et cancer.
Thèse de Doctorat, (ecole doctoral de Cancerologie, Paris Sud), Septembre 2015,
(Co Direction avec Univesité de Monastir, Tunisie)
16. **2015** Al Farsi Halema: In Silico Mutagenesis Approach To Define Molecular Targets In Ovarian Cancer.
Thèse de Doctorat, (ecole doctoral de Cancerologie, Paris-saclay), Novembre 2015,
(Co Direction avec Branche de l'Université de Cornell, New york, Doha-Qatar).
17. **2015** Al Thawadi Hamda: Microparticles Mediated Cross-talk between Ovarian Cancer and Endothelial Cells.
Thèse de Doctorat,(ecole doctoral de Cancerologie,Paris -Saclay), Novembre 2015,
(Co Direction avec Branche de l'Université de Cornell, New york, Doha-Qatar).
18. **2017** Shahid Shah, Identification of future target therapy in peritoneal carcinomatosis, the role of Fibrin and Heparanase,
Thèse de Doctorat, (ecole doctoral de Hematologie, Oncogénèses et Biothérapies), Dcembre 2017,
19. **2019** Matti Ullah, Immune Check point in carcinomatosis, the role og HLA-G.
Thèse de Doctorat,(Ecole doctoral de Cancerologie,Paris -Saclay), 19 Septembre 2019,

D'autres theses :

20. **1991** Tarraf Mohamed. Greffe d'ébauche de l'œil chez les pleurodèles, différenciation des photorécepteurs et survie de l'œil greffe
Thèse de l'Ecole pratique des hautes études, Paris, (Codirection)
21. **1992** Razaghi Ahmed, Les protéines apparentées à l'antigène -S , arrestine : une nouvelle famille de protéines.
Thèse de Doctorat en Sciences, Paris VI, (Codirection)
22. **1994** Lebrazi Jamal. Aspect biologiques du traitement par la streptokinase.
Thèse de Doctorat en Sciences, Paris VI, (Codirection)
23. **1996** Lehmann Faru Carina. U-PA récepteur dans les fibroblastes de la cornée,
Thèse de doctorat, faculté de Médecine, Berlin, Allemagne,
24. **2001** Wemming Chen. Régulation physiopathologique de l'angiogenèse et son contrôle en thérapeutique, application au myélome. Nouvelles stratégies d'inhibition de l'angiogenèse.
Diplôme d'Etudes Doctorales, Université de Rouen. (Codirection).

DEA et Master-2

1. **1989** Jean Christoph Zech. Anticorps, monoclonaux contre des produits de dégradation de l'antigène -S, arrestine.
DEA Différentiation, Génétiques et immunologie, Lyon.
2. **1991** Devillers Céline. Etude de l'interaction rhodopsine -arrestine.
DEA Structure et fonction des systèmes biologiques intégrés, Paris XI
3. **1994** Tchtinsky Gabrielle. Les protéines apparentées à l'arrestine dans l'embryogenèse chez les plantes supérieures.
DEA Biologie moléculaire et cellulaire végétale, Paris XI.
4. **2005** Simon Anne. Etude des protéines impliquées dans les phénomènes de résistance multiples aux chimiothérapies dans le microenvironnement cellulaire tumoral
Master-2, Biologie cellulaire et moléculaire, Paris VI
5. **2005** Ducros Elodie. Rôle de SDF-1 secrété par les cellules stromales de la moelle osseuse sur la migration des cellules cancéreuses, rôle de la GTPase Rho.
Master-2, Cancérologie, Paris XI
6. **2007** Benabbou Nadia. Induction du MDR sur les cellules leucémiques par l'IGF-1 (insuline growth factor-1).
Master 2, Biologie Moléculaire et Biochimie, Paris VI.
7. **2008** Azazzone Dalel. Recherche de l'HLA-G dans certaines cellules stromales du microenvironnement tumoral.
Master 2, Biologie Intégrale, Versailles.
8. **2008** Bermont Cécile. Cancer et thrombophilie : rôle du récepteur de la protéine C.
Master 2, Santé Mention Biologie Cellulaire, Paris V
9. **2008** Zahir Muraf. Recherche d'effets pro-apoptotiques d'un extrait naturel M2Yn sur les cellules de la leucémie lymphoïde chronique B.
Master 2, Pharmacologie et thérapie anti tumorale, Paris XI.
10. **2010** Martin Laurène : Interaction des cellules souches tumorales ovariennes avec leur microenvironnement.

Master 2, Université Paris V.

11. **2012** Geyl caroline : Etude de l'influence des cellules souches mésenchymateuses dans la chimiorésistance liée à des anomalies de réparation de l'ADN dans le cancer de l'ovaire à un stade avancé.

Master 2, Université Paris VI.

12. **2013** Sharif Camélia, Etude de différentes fractions provenant d'un extrait naturel M2Yn, sur la prolifération et la migration en temps réel de cellules cancéreuses.

Master 2, Université Paris V.

13. **2015** Helfer Hélène : Rôle du VEGFR-1/VEGF dans le défaut de cicatrisation lors d'une thérapie antiangiogénique.

Master-2 Recherche Science du médicament Spécialité Pharmacologie intégrée pré-clinique et clinique (université Paris Descartes).

14. **2015** Jamshidov Jovid: Rôle Du TNF- α dans le Détachement d'un caillot de fibrine fixé sur les cellules endothéliales. Intérêt dans la physiopathologie des embolies.

Master-2, Mention Sciences Biomédicales, Spécialité Physiologie (Université de Rouen)

15. **2015** Fourgeaud Caroline : Héparanase dans l'induction de l'activité pro coagulante chez les malades atteints de cancer.

Master-2 Thérapeutique, Evaluation et Optimisation (université Paris Descartes).

16. **2015** Attal Raphaël : Le rôle des microparticules dans le cancer de l'ovaire et son implication dans la thrombose et la progression tumorale.

Master-2 Biologie Cellulaire Physiologie et Physiopathologie, Spécialité « BiVATH », (Universités Paris Descartes et Paris Diderot).

17. **2015** Gosset Pietrasz Marie : Evaluation d'une thérapie ciblée anti-IL6 sur la progression tumorale et la chimiorésistance dans un modèle murin de carcinose ovarienne.

Master-2 sciences chirurgicales, parcours oncologie. (Université Paris-Est, Créteil Val de Marne)

18. **2015** Mialhe Grégoire : Etude de la potentialisation de la chimio - hyperthermie intra-péritonéale sur un modèle murin de carcinose péritonéale ovarienne.

Master-2 sciences chirurgicales, parcours oncologie. (Université Paris Sud).

19. **2016** Audrey CHEVROT : Impact du microenvironnement et d'une thérapie ciblée anti-IL6-R sur la carcinose péritonéale d'origine ovarienne au cours d'une chimiothérapie conventionnelle,

Master-2 Sciences Chirurgicales option oncologie 2015-2016, (Université Paris XI).

20. **2016** Alexandra ARFI: impact du microenvironnement et d'une thérapie ciblée anti-cxcr4 sur la carcinose péritonéale d'origine ovarienne au cours d'une chimiothérapie hyperthermique intrapéritonéale,

Master -2 de sciences chirurgicales parcours oncologie, (Université Paris-Est, Créteil Val de Marne)

21. **2017** Morgane Blot Dupin,

Master -2 de sciences chirurgicales parcours oncologie, (Université Paris-Est, Créteil Val de Marne)

22. **2017** Arnoud Bresset,

Master -2 de sciences chirurgicales parcours oncologie, (Université Paris-Est, Créteil Val de Marne).

23. **2018** Djedjiga Abdelhamid La régulation des protéases à sérine par la thrombine dans la cavité péritonéale.

Master-2, Recherche pharmacologie intégrée préclinique et clinique, Université Paris Descartes.

24. **2018** Sarah Meziani Influence des inducteurs de la différenciation sur l'expression d'HLA-G et de PDL-1 dans les cellules souches de cancer

Master-2, Recherche pharmacologie intégrée préclinique et clinique, Université Paris Descartes.

25. **2019** Meriam Belalou, Étude de l'interaction des cellules cancéreuses avec la fibrine générée sur la paroi péritonéale et de l'impact de l'icodextrine sur cette adhérence, **Université** Cergy pontoise
26. **2019** Warda Aoudjehout, Contrôle du système immunitaire dans la carcinose digestive / Impact de l'HLA-G, PDL-1 et CTLA-4., Master-2, Recherche pharmacologie intégrée préclinique et clinique, Université Paris Descartes.
27. **2020** Marie JAZZARA Impact du liquide péritonéal des malades atteints de la carcinose dans la modulation de la réponse immunitaire, Université Paris Sorbonne.
28. **2020** Ayesha Tanveer Behavioral and molecular models of depressed in tumor inoculated mice, Université Paris Saclay
-

Master 1

1. **2005** Mansaly Safietou. Effet du stromal growth factor-1 sur la migration des cellules cancéreuses.
Master 1 Sciences et Santé, Paris XIII
2. **2005** Coupin Nathalie. Reticulogénèse des fibroblastes cornéens *in vitro*.
Master 1 Sciences et Santé, Paris XIII
3. **2005** Darvishi Jazi Shiva. Mise en évidence des EPCR fonctionnelles sur les cellules leucémiques *in vitro*
Master-1, GCDE, Paris XI
4. **2007** Bermont Cécile. Inhibition de la coagulation par la protéine C activée fixée sur les cellules cancéreuses.
Master 1, Santé Mention Biologie Cellulaire, Paris V
5. **2019** Assaf Alassaf, Mise en évidence de propriétés anti cancéreuses chez les polyphénols extraits de plantes, Université Paris-Sud.
6. **2020** Pauline Grévin. Stratégie d'analyse bioinformatique des marqueurs du cancer, Bioinformatique, Université Paris -7.

Licence

1. **2008** Calone Ingrid. Effet d'un principe actif, M2YN sur la migration des cellules cancéreuses *in vitro*.
Licence de Biologie intégrée, Université Cergy Pontoise
2. **2017** Assaf Al assaf, carcinose péritonéale: interactions entre cellules cancéreuses et fibrines
Licence, (Université Paris Sud- saclay)

Devenir des étudiants

- Lopez Alemany Roser : Chercheur à l'Institut de Recerca Oncologica, Centre d'Oncologia Molecular, L'Hospitalet de Llobregat, Barcelona, Espagne.
- Golestaneh Nady: Associate professor. Georgetown university, Washington
- Ghadira Ibtissem : Professeur en immunologie, Université de Monastir (Tunisie)
- Merodio de la Quintana Marta : Chercheur à l'Instituto Cientifico Y Tecnologico De Navarra, Pamplona. Espagne.
- Vincent Loic : Post Doc, Cornell university, NY, USA , Head, Oncology & Immunology Research Sanofi
- Chen Wenming : Chef du departement d'Hematologie et d'Oncologie au Beijing Chaoyang Hospital. Pékin, Chine
- Rafii Arash : Professeur Associé, Cornell University.USA
- ZAHIR Muraf. Professeur de hematologie, Syrie
- Ducros Elodie : Chargée de mission et de formation au Laboratoire Innothera à Arcueil, France
- Sakly Nabil : Professeur Agrégé en Imuunologie, Université de Monastir, Tunisie
- Lis Raphaël: Associated Professor, Cornell university, NY, USA,
- Touboul Cyril : MCU-PH, Professor, Université Paris XII
- Besbes Samaher : Post Doc. College de France
- Shahid Shah, Professor, Pakistan
- Mati Ullah, Post Doc, CNRS, Paris Descarte (Paris V).

Collaborations national et Internationale

Depuis mon intégration au CNRS, j'ai eu différents contacts nationaux et internationaux avec qui j'ai réalisé certaines expériences qui m'ont permis d'établir des concepts physiopathologiques. Il s'agit de ces différents collaborateurs dont l'appartenance citée était celle du moment de la collaboration :

Gregerson Univ. Minneapolis, O. Bertrand, INSERM U 160, Hôpital Beaujon. I. Gery, NIH, Bethesda, R. Stiemer, à l'EMBL, Heidelberg, G. Collenot, Université de Paris VI, D. Hicks INSERM, Strasbourg, H. Hamm, Chicago University, C. Haye, Institut Curie, P. Dhermy, Hôtel-Dieu, Paris, MM. Ruchoux de CHU de Lille, B. Pessac ,CNRS, Ivry, H. Kühn, de l'Université de Jülich, Allemagne, M. Chabre et C. Pfister ,CNRS, CEA, Grenoble, J.-P. Collin CNRS URA 290, Université de Poitiers, J. Grassi ,CEN, Saclay, J. Y Perrot Hôtel Dieu de Paris, C. Soria, Université de Rouen, J. Oliver et G. Gabrion,CNRS URA 1197, Université de Montpellier II, E. Schuller, INSERM U 134, Hôpital de la Salpêtrière Paris, R. Motais, CNRS URA 638, CEA, Villefranche sur Mer, M. Kazatchkine et J. Bariéty Broussais Université Paris VI, Paris , D. Barritault, A. Vandewalle, INSERM U 246, A. Nato, CNRS URA 1128, Université de Paris XI, Orsay, A. Trémollières, B. Pineau, CNRS, Gif-sur-Yvette, CNRS, Y. Henry, J. De Buyser, CNRS, Univ Paris XI, Orsay, M. Kreiss, CNRS, Univ Paris XI, Orsay. J.P. Carde, CNRS, Univ. Bordeaux 1. P.Burtin CNRS, Villejuif, S. Fermandjian à l'Institut Gustave Roussy M. Poupot, E. Mery Hôpital Purpan, Toulouse, B. Couderc , Institute Claudius Rigout, Toulouse, C. Soria, Faculté de Pharmacie, Rouen, C. Roisse CEA ST. Louis, A. Rafii, Cornell, USA, branche Qatar, JP Collet, Hôpital pitié salpêtriers, I. Ghedira, Hôpital de Sousse, Tunisie, N. Sakly, Faculté de Pharmacie, Monastir, Tunisie. JM Legeais, Hôtel Dieu de Paris, L. Garderet, Hôpital St.Antoine, Sh. Rafii, Cornell, New York, USA. Z. Michal, Luminy, Marseille. U. Kurbanov, Avicenna University, Tadjikistan. France : LISE-UMR 8235-UPMC: Pr. F. Arefi-Khonsari, Corée du Sud: Institut National du Cancer, Pr San Song, Université de Séoul, Consortium 'International Society of Precision Cancer Medicine ISPCM, 2018-p'.

Publications

ARTICLES

[1] Boucheix C, Perrot JY, Mirshahi M, Rosenfeld C. A rapid method for the detection of membrane antigens by immunofluorescence and its application to the screening of hybridoma antibodies.

J. Immunol. Methods, 1983, 57, 145-150.

[2] Boucheix C, Soria C, Mirshahi M, Soria J, Perrot JY, Fournier N, Billard M, Rosenfeld C. Characteristics of platelet aggregation induced by the monoclonal antibody ALB6 (Acute Lymphoblastic Leukemia Antigen P 24). Inhibition of aggregation by ALB6 Fab.

FEBS Lett. 1983, 161, 289-295.

[3] Faure JP, Mirshahi M, Dorey C, Thillaye B, de Kozak Y, Boucheix C. Production and specificity of monoclonal antibodies to retinal S-antigen.

Curr. Eye Res. 1984, 3, 867-872.

[4] Mirshahi M, Faure JP, Brisson P, Falcon J, Guerlotté J, Collin JP. S-antigen immunoreactivity in retinal rods and cones and pineal photosensitive cells.

Biol. Cell, 1984, 52, 195-198.

[5] Pfister C, Dorey C, Vadot E, Mirshahi M, Deterre P, Chabre M, Faure JP. La protéine dite "48K" qui interagit avec la rhodopsine illuminée dans les batonnets rétiens identifiée avec l'"antigène S rétinien" inducteur de l'uvéorétinite auto-immune expérimentale.

C.R. Acad. Sci. (Paris), 1984, 299, 261-265.

[6] Perrot JY, Boucheix C, Mirshahi M, Kazatchkine M, Bariéty J. Des anticorps monoclonaux dirigés contre des antigènes de surface de lymphoblastes et de cellules sanguines ou médullaires reconnaissent des constituants du néphron humain.

Néphrologie, 1984, 5, 53-57.

[7] Altério J, Dorey C, Mirshahi M, Faure JP, Barritault D. S-antigen is coded by poly (A)+ mRNA from bovine retina. Biochem. Biophys. Res. Comm., 1985, 132, 934-938.

[8] Boucheix C, Perrot JY, Mirshahi M, Giannoni F, Billard M, Bernadou A, Rosenfeld C. A new set of monoclonal antibodies against acute lymphoblastic leukemia.

Leukemia Res., 1985, 9, 597-604.

[9] Cook J, Fischer G, Boucheix C, Mirshahi M, Jouvin MH., Weiss L, Jack RM., Kazatchkine M.D. Mouse monoclonal antibodies to the human C3b receptor.

Molecular Immunology, 1985, 22, 531-539.

[10] de Kozak Y, Mirshahi M, Boucheix C, Faure JP. Inhibition of autoimmune uveoretinitis by monoclonal antibodies.

Eur. J. Immunol., 1985, 15, 1107-1111.

[11] de Kozak Y, Mirshahi M, Sainte-Laudy J, Thillaye B, Faure JP. Experimental autoimmune uveoretinitis in athymic rats: specific IgE response to retinal S-antigen and disease.

Immunol. Lett., 1985, 9, 109-115.

[12] Enouf J, Bredoux R, Boucheix C, Mirshahi M, Soria C, Levy-Toledano S. Possible involvement of 2 proteins (phosphoprotein and CDS (P 24) in regulation of platelet calcium fluxes.

FEBS Lett., 1985, 398-402.

[13] Mirshahi M, Boucheix C, Collenot G, Thillaye B, Faure JP. Retinal S-antigen epitopes in vertebrate and invertebrate photoreceptors.

Invest. Ophthalmol. Vis. Sci., 1985, 26, 1016-1021.

[14] Soria J, Soria C, Borg JY, Mirshahi M, Piguet H, Tronc C, Fressard C, Caen JP. Platelet aggregation occurs in congenital afibrinogenemia despite the absence of fibrinogen or its fragments in plasma and platelets demonstrated by immunoenzymology.

Brit. J. Haematol., 1985, 60, 503-514.

[15] Soria J, Soria C, Mirshahi M, Samama M. Markers of fibrinogen derivatives used in clinical investigation.

Seminars in Thrombosis, 1985, 11, 129-132.

[16] Soria J, Soria C, Mirshahi M, Boucheix C, Aurengo A, Perrot JY, Bernadou A, Samama M, Rosenfeld C. Conformational change in fibrinogen induced by adsorption to a surface.

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