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EXPERIENŢA PROFESIONALĂ

2014 – ÎN CURS – Paris, Franţa
DIRECTOR – UMS28, INSERM (INSTITUTUL NAŢIONAL DE CERCETARE MEDICALĂ)/UNIVERSITATEA SORBONNE

2018 – ÎN CURS – Iasi , România
CONF. UNIV. DR. – UNIVERSITATEA DE ŞTIINŢELE VIEŢII "ION IONESCU DE LA BRAD"

Titular al disciplinelor Virusologie generală, General Virology şi Experimental Medicine

2016 – ÎN CURS – Franţa
REPREZENTANTUL INSERM ÎN COMISIA EUROPEANĂ, PARLAMENTUL EUROPEAN ŞI ASOCIAŢIILE EUROPENE PENTRU CERCETAREA PE ANIMALE DE LABORATOR – PARLAMENTUL EUROPEAN

2008 – ÎN CURS – Paris , Franţa
DIRECTOR – RPPA (RESEAU DE PHENOTYPAGE DU PETIT ANIMAL), UNIVERSITATEA SORBONNE

2006 – 2014 – Paris, Franţa
DIRECTOR CENTRUL DE EXPERIMENTARE FUNCŢIONALĂ – UNIVERSITATEA PIERRE ET MARIE CURIE

2004 – 2005 – Paris, Franţa
CERCETĂTOR ŞTIINTIFIC ÎN DOMENIUL MEDICAL – INSERM (INSTITUTUL NAŢIONAL DE CERCETARE MEDICALĂ)/ UNIVERSITATEA SORBONNE

1996 – 2005 – Iasi , România
ASISTENT UNIVERSITAR – UNIVERSITATEA DE ŞTIINŢE AGRICOLE ŞI MEDICINĂ VETERINARĂ „ION IONESCU DE LA BRAD”

Disciplina Microbiologie

EDUCAŢIE ŞI FORMARE PROFESIONALĂ

10/2000 – 2004 – Franţa
DIPLOMA DE DOCTOR ÎN MICROBIOLOGIE NR. ANGERS 1761586 – Université D’Angers

2000 – 2004 – Iasi , România
DIPLOMA DE DOCTOR ŞTIINŢE MEDICALE, MEDICINĂ VETERINARĂ SERIA C NR. 0009505 – Univ ersitatea de Ştiinţe Agricole şi Medicină Veterinară „Ion Ionescu de la Brad"

2000 – 2001 – Paris , Franţa
DIPLOMĂ DE STUDII INTERUNIVERSITARE DE VIRUSOLOGIE FUNDAMENTALĂ/ "DIPLÔME INTERUNIVERSITAIRE DE VIROLOGIE FONDAMENTALE" SERIA 0G41720000060 – René Descartes University şi Institutul Pasteur

2004 – 2005 – Paris , Franţa
DIPLOMĂ MASTER "THERAPEUTIQUES IMMUNOLOGIQUES" – René Descartes University

2013 – 2014 – Lyon, Franţa
SPECIALISEES VETERINAIRES EN SCIENCES ET MEDICINE DES ANIMAUX DE LABORATOIRE" SERIA VETAGRO SUP/DESV-SHAL/2015-15 – Veterinary School

2015 – 2016 – Strasbourg, Franţa
DIPLÔME D'UNIVERSITÉ RELATIONS INTERNATIONALES, LOBBYING EUROPEEN" SERIA 0EFB120152760 – Universitatea Strasbourg

1987 – 1993 – Iasi , România
DIPLOMĂ DE DOCTOR-MEDIC VETERINAR (LICENŢĂ) SERIA I NR. 167

1982 – 1986 – Suceava, România
DIPLOMA DE BACALAUREAT SERIA E NR. 58194 – Liceul de Matematică Fizică "Ştefan cel Mare", specializarea matematică-fizică

COMPETENŢE LINGVISTICE

Limbă(i) maternă(e): **ROMANA**

Altă limbă (Alte limbi):

	COMPREHENSIUNE		VORBIT		SCRIS
	Comprehensiune orală	Citit	Exprimare scrisă	Conversaţie	
FRANCEZĂ	C2	C2	C2	C2	C2
ENGLEZĂ	C2	C2	C2	C2	C2

Niveluri: A1 şi A2 Utilizator de bază B1 şi B2 Utilizator independent C1 şi C2 Utilizator experimentat

COMPETENŢE DIGITALE

Utilizare buna a programelor de comunicare(mail messenger skype) | Microsoft Office (Excel PowerPoint Word) - nivel intermediar | Microsoft office word | Utilizarea si cunoasterea platformelor de comunicare (Google Meet, Zoom, Cisco Webex)

STAGII DE PERFECŢIONARE

2017- Fondazione Guido Bernardini, Microbiota and Gnotobiotic Management Training

2017- Pathology of Laboratory Animals in Biomedical Research Training

2017- Newcastle University (Marea Britanie), Anesthesia and per-operative care of laboratory animals

2014- The Jackson Laboratory (USA), Workshop on Colony management: principles and practices

2014- Royal Veterinary College (Marea Britanie), Advanced laboratory animal for designated veterinary surgeon

2013- Cornell University (USA), Biomedical research and zebra fish models

2013- Newcastle University, Marea Britanie, Laboratory animal analgesia

2012- The Jackson Laboratory (USA), Workshop on Surgical Techniques in the Laboratory Mouse

2010- Strasbourg University, Franţa, Biomedical research and non-human primates

2009-2010- University of Memphis, USA, Institute of Laboratory Animal Management (ILAM), Elements of Laborratory animal Management I & II

2007- Veterinary School, Toulouse, Franţa, Pathology of laboratory animals

2006- C.L. Davis Foundation, Nantes, Franţa, European course on the pathology of laboratory animals

2005- CNRS, Marseille, Franţa, Non-Human Primate and Biomedical Research

2003- French National Institute of Health and Medical Research/ Sorbonne University, Paris, Franţa, Animal research models - Level 1

2002- Pierre et Marie Curie University, Histology and Molecular Cytology

1999- Animal Epidemiology, Veterinary Faculty Alfort, Paris, France

REPREZENTAREA OFICIALĂ ÎN CADRUL UNOR INSTITUŢII ŞI ASOCIAŢII EUROPENE

Reprezentant INSERM în Europa (Comisia Europeana, Parlamentul European, Asociaţii Academice)

Reprezentant al Universităţii Sorbonne la LERU (Liga Europeana al Universităţilor de Cercetare)

Membru în Consiliul de administraţie al EARA (European Animal Research Association)

Vicepreşedinte, reprezentant INSERM în Gircor (Recherche animale)

MEMBRU ÎN ASOCIAŢII INTERNAŢIONALE ŞI NAŢIONALE

L'Ordre National Vétérinaire Français

European Society for Laboratory Animal Veterinarians (ESLAV)

European Primate Veterinarians (EPV)

American Association for Accreditation of Laboratory Animal Care (AAALAC)

French Association for the Laboratory Animal Science and Techniques (AFSTAL)

European Animal Research Association (EARA)

Asociaţia Română pentru Ştiinţa Animalelor de Laborator (ARSAL)

ACTIVITATE DE INOVARE/TRANSFER TEHNOLOGIC (BREVETE, INVENŢII, INOVAŢII ETC.)

Director granturi / proiecte internaţionale; Membru în colective de cercetare granturi naţionale; Brevete

Director granturi / proiecte internaţionale- 6: valoare totală = **2 279 473 euro**
Membru în colective de cercetare granturi naţionale- 1: valoare = **170 212 euro**
Brevet nr.05701083.7-2406-EP2005000546: Bipotential liver cell lines from wild-type mammalian liver tissue Hélène Strick, Mary Weiss, **Serban Moroşan** (20.33%), Dina Kremsdorf, Pierre Charneau.US, Canada, 2003

PUBLICAŢII

1. Mandalian T, Coprean D, Hritcu O, Hritcu L, Morosan S, Mares M, Paşca SA, Evaluation of Kojic Acid Acute Toxicity in Adult Zebrafish (Danio rerio). Journal of Comparative Pathology, 2020, 174:158, DOI:10.1016/j.jcpa.2019.10.056.

2. Hardin-Pouzet H, Morosan S, Mice, rats and men: how rodent models are still required to produce knowledge. Med Sci (Paris), 2019, 35(5):479-482. doi: 10.1051/medsci/2019082.

3. Hardin-Pouzet H, Morosan S, Animal research models and regulations. Med Sci (Paris), 2019, 35(2):153-156. doi: 10.1051/medsci/2019006.

4. Soulard V, Bosson-Vanga H, Lorthiois A, Roucher C, Franetich JF, Zanghi G, Bordessoulles M, Tefit M, Thellier M, Morosan S, Le Naour G, Capron F, Suemizu H, Snounou G, Moreno-Sabater A, Mazier D, Plasmodium falciparum full life cycle and Plasmodium ovale liver stages in humanized mice. Nat Commun., 2015, 6: art. 7690

5. Brunelle MN, Massinet H, Giang E, Lamant C, DaSilva L, Berissi S, Belghiti J, Hannoun L, Puerstinger G, Wimmer E, Neyts J, Hantz O, Soussan P, Morosan S, Kremsdorf D, Antiviral activity of Bay 41-4109 on hepatitis B virus in humanized Alb-uPA/SCID mice. PLoS One, 2011,6(12):e25096.

6. Hayhurst GP, Strick-Marchand H, Mulet C, Richard AF, Morosan S, Kremsdorf D, Weiss MC, Morphogenetic competence of HNF4 alpha-deficient mouse hepatic cells. J Hepatol., 2008, 49(3):384-95.

7. Sidorkiewicz M, Jais JP, Tralhao G, Morosan S, Giannini C, Brezillon N, Soussan P, Delpuech O, Kremsdorf D, Gene modulation associated with inhibition of liver regeneration in hepatitis B virus X transgenic mice. World J Gastroenterol., 2008, 14(4): 574-81.

8. Brezillon NM, DaSilva L, L'Hôte D, Bernex F, Piquet J, Binart N, Morosan S, Kremsdorf D, Rescue of fertility in homozygous mice for the urokinase plasminogen activator transgene by the transplantation of mouse hepatocytes. Cell Transplant., 2008, 17(7):803-12.

9. Brezillon N, Lambert-Blot M, Morosan S, Couton D, Mitchell C, Kremsdorf D, Costa RH, Gilgenkrantz H, Guidotti JE, Transplanted hepatocytes over-expressing FoxM1B efficiently repopulate chronically injured mouse liver independent of donor age. Mol Ther., 2007, 15(9):1710-5.

10. Moreno A, Pérignon JL, Morosan S, Mazier D, Benito A, Plasmodium falciparum-infected mice: more than a tour de force. Trends Parasitol., 2007, 23(6):254-9.

11. Cerec V, Glaise D, Garnier D, Morosan S, Turlin B, Drenou B, Gripon P, Kremsdorf D, Guguen-Guillouzo C, Corlu A, Transdifferentiation of hepatocyte-like cells from the human hepatoma HepaRG cell line through bipotent progenitor. Hepatology., 2007, 45(4):957-67.

12. Fougère-Deschatrette C, Imaizumi-Scherrer T, Strick-Marchand H, Morosan S, Charneau P, Kremsdorf D, Faust DM, Weiss MC, Plasticity of hepatic cell differentiation: bipotential adult mouse liver clonal cell lines competent to differentiate in vitro and in vivo. Stem Cells, 2006, 24(9):2098-109.

13. Sidorkiewicz M, Horm V, Jais JP, Morosan S, Brezillon N, Charneau P, Delpuech O, Kremsdorf D, The hepatitis B virus x protein up-regulates gamma aminobutyric acid type A beta 3 receptor expression. Journal of Clinical Virology, 2006, 36(2): S74-S75

14. Morosan S, Hez-Deroubaix S, Lunel F, Renia L, Giannini C, Van Rooijen N, Battaglia S, Blanc C, Eling W, Sauerwein R, Hannoun L, Belghiti J, Brechot C, Kremsdorf D, Druilhe P, Liver-stage development of Plasmodium falciparum, in a humanized mouse model. J Infect Dis., 2006, 193(7):996-1004.

15. Guidotti JE, Brezillon N, Couton D, Morosan S, Blot M, Kremsdorf D, Costa RH, Gilgenkrantz H, Mouse liver repopulation by hepatocytes harboring a selective advantage of proliferation conferred by overexpression of FOXM1B. Journal of Hepathology, 2005, 42(2): 138-139.

17. Giannini C, Morosan S, Tralhao JG, Guidotti JE, Battaglia S, Mollier K, Hannoun L, Kremsdorf D, Gilgenkrantz H, Charneau P, A highly efficient, stable, and rapid approach for ex vivo human liver gene therapy via a FLAP lentiviral vector. Hepatology, 2003, 38(1): 114-22.

18. Giannini C, Morosan S, Tralhao JG, Guidotti JE, Battaglia S, Mollier K, Hannoun L, Kremsdorf D, Charneau P, Rapid ex vivo protocol for efficient and stable gene transfer in the liver via hepatocyte transduction by flap lentiviral vectors. Journal of hepatology, 2003, 38(2):31-31.

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