

FAKULTET VETERINARSKJE MEDICINE UNIVERZITETA U BEOGRADU

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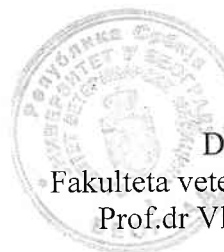
Univerzitet u Beogradu
Veću grupacije medicinskih nauka
n/r prof.dr Tatjane D.Pekmezović
Studentski trg br. 1
11000 Beograd

Poštovani prof. dr Pekmezović,

U prilogu ovog dopisa dostavljamo Vam materijal za izbor prof. Olivier Gauthier, profesora na Katedri za hirurgiju Koledža veterinarske medicine, Univerziteta ONIRIS u Nantu (Francuska) u zvanje gostujućeg profesora na Fakultetu veterinarske medicine Univerziteta u Beogradu i to:

- Odluku Nastavno-naučnog veća Fakulteta
- Obrazac
- CV

S poštovanjem,



Dekan

Fakulteta veterinarske medicine
Prof.dr Vlado Teodorović

FAKULTET VETERINARSKE MEDICINE

Br 01-483/2

26.06.2019. godine.

Beograd

Na osnovu člana 72. i 73. Statuta Fakulteta, Nastavno-naučno veće na 197. sednici održanoj dana 26.06.2019. godine, donelo je sledeću

O d l u k u

Predlaže se izbor dr Olivier Gauthier, profesor na Katedri za hirurgiju Koledža veterinarske medicine, Univerziteta ONIRIS u Nantu (Francuska) u zvanje gostujućeg profesora na Fakultetu veterinarske medicine Univerziteta u Beogradu.

Predsednik
Nastavno-naučnog veća
Dekan

Fakulteta veterinarske medicine
Prof. dr Vlado Teodorović





Curriculum Vitae – Olivier GAUTHIER

Full professor, ONIRIS Nantes-Atlantic College of Veterinary Medicine, Food Science and Engineering, Nantes, France

Date of birth: 23/04/1969

Position and title:

- Full professor in Small Animal Veterinary Surgery and Dentistry since 2014
- Head of department "Small animal surgery, Anaesthesiology and Dentistry" since 2005
- Research associate RMeS lab (Regenerative Medicine and Skeleton), UMR INSERM 1229-Oniris-Université de Nantes since 2012
- Scientific director of the CRIP, Oniris (Center for Preclinical Research and Investigation) since 2007

Academic Cursus:

1994 Doctor in Veterinary Medicine, Nantes, France
1995 Master of Sciences in Pharmacology, Nantes; France
1996 Master of Sciences in Biomaterials, Paris, France
1998 University degree in Laparoscopic Surgery, Tours, France
1999 PhD in Experimental Surgery and Biomaterials, Nantes; France
2001 Postdoctoral fellowship, Orthopedic Biomechanics Laboratory, Harvard Medical School, Boston, USA
2005 Degree for directing research (HDR)
2005-2008: Residency of the European College of Veterinary Surgery (ECVS) (Supervisor : Pr. Gert Niebauer)

Professional membership:

2004-2010: President-elect, President and Past President of the European Veterinary Dental Society (EVDS)

- Elected member of the Board of Governors, Oniris College of Veterinary Medicine since 2003
- Member of the EVDS (European Veterinary Dental Society) since 1999
- Member of the French AFVAC association since 1995 (soft tissue, orthopaedic surgery and dentistry)
- Member of the ESVOT (European Society of Veterinary Orthopaedics and Traumatology) since 2008

Honors:

1996 Honors for Doctor in Veterinary Medicine Thesis, University of Nantes
1997 Bioceramics 10, Paris, best oral presentation at the annual seminar of young researchers
1999 PhD thesis, with honors, University of Nantes
2007 Resident Award for Best Small Animal Presentation, 16th Annual Scientific Meeting of European College of Veterinary Surgeons, Dublin, 2007

International expertise :

- French research agency (ANR) expert for bone and joints diseases and biomaterials
- Reviewer for the journals Biomaterials, Acta Biomaterialia, Acta Orthopaedica and French and international veterinary journals (Veterinary Surgery)
- Elected Member of the AO Vet European Board from 2012 to 2018
- AOVET representative for the AO Foundation transdivisional "Soft Tissue Management Initiative" since 2017
- Head of the Erasmus + program with the Veterinary Faculty of the University of Belgrade, Serbia 2017-2019

Publications and presentations:

- H index = 36
 - 3 international patents; Co-founder and consultant for the Graftys SAS company
 - 1 book and 3 book chapters in veterinary surgery
- More than 135 articles in peer reviewed journals (89 in international and 52 in French journals) and 220 communications in international congresses and seminars

Teaching activities

Lectures (40 hours/year), workshops on live surgery (4 days/year) for vet and human medicine surgeons, drylabs and wetlabs (4 days/year) for veterinary students and for vet practitioners in continuing education programs. Clinical activities in operating theater (3 days/week) in both orthopedic and soft tissue surgery

ИМЕ И ПРЕЗИМЕ: Olivier GAUTHIER, редовни професор, Small Animal Surgery and Dentistry, Oniris Nantes-Atlantic Natinal College of Veterinary Medicine, Food Science and Engineering, Nantes, FRANCE

**РАДОВИ У МЕЂУНАРОДНИМ
ЧАСОПИСИМА**

Publications in scientific peer-reviewed international journals

1. **Gauthier O**, Bouler J-M, Aguado E, Pilet P and Daculsi G. Macroporous biphasic calcium phosphate ceramics : Influence of macropore diameter and macroporosity percentage on bone ingrowth. *Biomaterials* 1998;19:133-139.
2. Guicheux J, **Gauthier O**, Aguado E, Heymann D, Pilet P, Couillaud S, Faivre A and Daculsi G. Growth hormone-loaded macroporous calcium phosphate ceramics : *In vitro* biopharmaceutical characterization and preliminary *in vivo* study. *J Biomed Mater Res* 1998;40:560-566.
3. Guicheux J, **Gauthier O**, Aguado E, Pilet P, Couillaud S, Jégou D, Daculsi G and Heymann D. Human growth hormone locally released in bone sites by calcium-phosphate biomaterial stimulates ceramic bone substitution without systemic effects : A rabbit study. *J Bone Miner Res* 1998 ;13 :739-748.
4. Bohic S, Heymann D, Pouezat JA, **Gauthier O** and Daculsi G. Transmission FT-IR microspectroscopy of mineral phases in calcified tissues. *C R Acad Sci III* 1998 ; 321 :865-876.
5. **Gauthier O**, Bouler JM, Aguado E, LeGeros RZ, Pilet P and Daculsi G. Elaboration conditions influence physicochemical properties and *in vivo* bioactivity of macroporous biphasic calcium phosphate ceramics. *J Mater Sci Mater Med* 1999 ;10 :199-205.
6. **Gauthier O**, Boix D, Grimandi G, Aguado E, Bouler JM, Weiss P and Daculsi G. A new injectable calcium phosphate biomaterial for immediate bone filling of extraction sockets: a preliminary study in dogs. *J Periodontol* 1999 ;70 :375-383.
7. **Gauthier O**, Bouler JM, Weiss P, Bosco J, Daculsi G and Aguado E. Kinetic study of bone ingrowth and ceramic resorption associated with the implantation of different injectable calcium-phosphate bone substitutes. *J Biomed Mater Res* 1999;47:28-35.
8. **Gauthier O**, Bouler JM, Weiss P, Bosco J, Aguado E and Daculsi G. Short-term effects of mineral particle sizes on cellular degradation activity after implantation of injectable calcium-phosphate biomaterials and the consequences for bone substitution. *Bone* 1999;25 (2suppl):71S-74S.
9. Weiss P, **Gauthier O**, Bouler JM, Grimandi G and Daculsi G. Injectable bone substitute using a hydrophilic polymer. *Bone* 1999;25 (2suppl):67S-70S.
10. Daculsi G, Weiss P, Bouler JM, **Gauthier O** and Aguado E. Biphasic calcium phosphate/hydrosoluble polymer composites: a new concept for bone and dental substitution materials. *Bone* 1999;25 (2suppl):59S-61S.
11. Izembart A, Aguado E, **Gauthier O**, Aubert D, Moullier P and Ferry N. In vivo retroviral-mediated gene

transfer to the liver of dogs results in transient expression and induction of a cytotoxic immune response. Hum Gene Ther 1999 ;10 :2917-2925.

12. **Gauthier O**, Goyenvallée E, Boulter JM, Pilet P, Weiss P and Daculsi G. Macroporous Biphasic Calcium Phosphate Ceramics *versus* Injectable Bone Substitute : compared study after implantation in rabbit bone. J Mater Sci Mater Med 2001;12:385-390.
13. **Gauthier O**, Khairoun I, Weiss P, Boulter JM, Aguado E, Daculsi G. *In vivo* comparison of two injectable calcium phosphate biomaterials : Ionic cement and polymer-associated particulate ceramic. In Key Engineering Materials 2001; Vols 192-195, pp. 801-804.
14. **Gauthier O**, Boudigues S, Pilet P, Aguado E, Heymann D, Daculsi G. Scanning Electron Microscopic Description of Cellular Activity and Mineral Changes in Feline Odontoclastic Resorptive Lesions. J Vet Dent 2001 ;18(4) :171-176.
15. Khairoun I, Magne D, **Gauthier O**, Boulter JM, Aguado E, Daculsi G and Weiss P. *In vitro* characterization and *in vivo* properties of a carbonated apatite bone cement. J Biomed Mater Res 2002 ;60(4) :633-642.
16. Bodic F, Amouriq Y, Gayet-Delacroix M, **Gauthier O**, Boulter JM, Daculsi G and Hamel L. Non-invasive evaluation of an injectable bone substitute. C R Biol 2002 ; 325(4) : 345-53.
17. Bodic F, Amouriq Y, **Gauthier O**, Gayet-Delacroix M, Boulter JM, Daculsi G and Hamel L. Computed tomography assessment of alveolar filling with an injectable bone substitute. J Mater Sci Mater Med 2002;13:953-958.
18. Bourgeois B, Laboux O, Obadia L, **Gauthier O**, Betti E, Aguado E, Daculsi G and Boulter JM. Calcium-deficient apatite: a first *in vivo* study concerning bone ingrowth. J Biomed Mater Res 2003 ;64A :402-408.
19. **Gauthier O**, Khairoun I, Bosco J, Obadia L, Bourges X, Rau C, Magne D, Boulter JM, Aguado E, Daculsi G and Weiss P. Non-invasive bone replacement using a new injectable calcium phosphate biomaterial. J Biomed Mater Res 2003 ;66A(1) :47-54.
20. Weiss P, Obadia L, Magne D, Bourges X, Rau C, Weitkamp T, Khairoun I, Boulter JM, Chappard D, **Gauthier O** and Daculsi G. Synchrotron X-ray microtomography (on a micron scale) provides three-dimensional imaging representation of bone ingrowth in calcium phosphate biomaterials. Biomaterials 2003 ;24 :4591-4601.
21. Davy C, **Gauthier O**, Lucas MF, Pilet P, Lamy B, Daculsi G, Boulter JM. Assessment of Cancellous Bone Architecture after Implantation of an Injectable Bone Substitute. Key Engineering Materials Vols 254-256 (2004): 55-58.
22. Saffarzadeh A, **Gauthier O**, Humbert T, Weiss P, Boulter JM, Daculsi G. Maxillary sinus bone grafting with an injectable bone substitute: a sheep study. Key Engineering Materials Vols 254-256 (2004): 193-196.
23. Boix D, **Gauthier O**, Guicheux J, Pilet P, Weiss P, Grimandi G and Daculsi G. Alveolar bone regeneration

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47. Vinatier C, **Gauthier O**, Masson M, Moreau M, Fellah B, Weiss P, and Guicheux J. An injectable cellulose-based hydrogel for the transfer of autologous nasal chondrocytes in articular cartilage defects. *Biotechnol Bioeng* 2009;102(4):1259-67.
48. Laïb S, Fellah BH, Fatimi A, Quillard S, Vinatier C, **Gauthier O**, Janvier P, Petit M, Bujoli B, Bohic S, Weiss P. The in vivo degradation of a ruthenium labelled polysaccharide-based hydrogel for bone tissue engineering. *Biomaterials* 2009 ;30(8):1568-77.
49. Stadelmann VA, Terrier A, **Gauthier O**, Bouler JM, Pioletti DP. Prediction of bone density around orthopedic implants delivering bisphosphonate. *J Biomechanics* 2009, 42 : 1206–1211.
50. Saffarzadeh A, **Gauthier O**, Bilban M, Bagot D'Arc M and Daculsi G. Comparison of two bone substitute biomaterials consisting of a mixture of fibrin sealant (Tisseel®) and MBCP™ (TricOs®) with autograft in sinus lift surgery in sheep. *Clin Oral Implant Res* 2009;20:1133-9.
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53. Merceron C, Portron S, Masson M, Fellah BH, **Gauthier O**, Lesoeur J, Cherel Y, Weiss P, Guicheux J, Vinatier C. Cartilage tissue engineering : from hydrogel to mesenchymal stem cells. *Biomed Mater Eng.* 2010;20(3):159-166.
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57. Struillou X, Boutigny H, Badran Z, Fellah BH, **Gauthier O**, Sourice S, Pilet P, Rouillon T, Layrolle P, Weiss P, Soueidan A. Treatment of periodontal defects in dogs using an injectable composite hydrogel/biphasic calcium phosphate. *J Mater Sci Mater Med* 2011;22(7):1707-17.
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65. Verron E, Pissonnier M, Lesoeur J, Fellah BH, Pilet P, Mousselard HP, Schnitzler V, **Gauthier O**, Boulter JM. Vertebroplasty using bisphosphonate-loaded calcium phosphate cement in a standardized vertebral body

bone defect on an osteoporotic sheep model. Acta Biomater 2014;10:4887-95.

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РАДОВИ САОПШТЕНИ НА МЕЃУН. СКУПОВИМА	Преко 150 презентација у којима је аутор или коаутор. Одабрани радови са међународних скупова објављени у часописима (Supplements): 1. Portron S, Hivernaud V, Vinatie, C, Merceron, C, Lesoeur J, Masson M, Gauthier O, Beck L, Guicheux J. Oxygen tension inversely regulates early and late chondrogenic differentiation. Journal of Tissue Engineering and Regenerative Medicine 2014;8: 284-285 Supplement: 1 Special Issue: SI Meeting 2. Maillard N, Cikankowitz A, Grimandi G, Gauthier O Brouard S, Guicheux J, Degauque N, Vinatier, C. The immunomodulatory properties of mesenchymal stromal cells isolated from the synovial fluid of human osteoarthritic joints. Journal of Tissue Engineering and Regenerative Medicine 2014;8 :294 Supplement: 1 Special Issue: SI Meeting 3. Hamel O, Toure A, Youl S, Quillard S, Lesoeur J, Fusellier M, Abadie J, Fellah B, Gauthier O, Weiss P. FTIR-Attenuated total reflectance: a new tool in the assessment of IVD aging and degeneration. Journal of Tissue Engineering and Regenerative Medicine Volume 2014;8 Pages: 512-513 Supplement: 1 Special Issue: SI Meeting
РЕЗУЛТАТИ У РАЗВОЈУ ОБРАЗОВНО-НАУЧНЕ ОБЛАСТИ	• Ментор 5 одбрањених докторских дисертација • Коментор докторске дисертације са Pr. Stefania Pinna, Bologna University, Италија, 2010 године. • Гостујући професор на University of California Davis (UC Davis School of Veterinary Medicine and UC Davis Musculoskeletal Bioengineering Laboratory) у октобру 2014. године на семинару “Calcium phosphate biomaterials for bone regeneration”. • Експерт у области ветеринарске хирургије, регенеративне медицине (костију и зглобова) и ткивном инжењерству, замеским биоматеријалима у ткивима, експерименталној хирургији и животињским

		моделима. • Руководилац Small Animal Surgery Department, Oniris College of Veterinary Medicine • Коруководилац Clinical Sciences Department, Oniris College of Veterinary Medicine • Оснивач CERVO (Ethical Committee for Veterinary Clinical Research of the Oniris College of Veterinary Medicine) • Члан управног одбора - Governors, Oniris College of Veterinary Medicine • Члан АО Foundation од 2009 • Изабран члан AOVET European Board од 2012 до 2018 (председавајући AOVET курса у Турској 2014, Факултету у Русија 2017, Пољској 2018) • Копредседавајући Hubert Curien Program за Србију “Павле Савић” (French Ministry of Foreign Office) у сарадњи са Факултетом ветеринарске медицине Универзитета у Београду (професор Милица Ковачевић), 2014/2015 и 2016/2017 • Резидент European College of Veterinary Surgeons (ECVS) 2005-2008 • Председник de l’European Veterinary Dental Society (EVDS) у пшериду од 2008-2010 (председник - избор 2004-2006, Председник 2006-2008) • Постдокторско усавршавање 2001, Orthopedic Biomechanics Laboratory, Harvard Medical School, Boston, USA. • ЕУ и Француски експерт у патофизиологији костију и заменским материјалима за кости
ЦИТИРАНОСТ НАУЧНИХ РЕЗУЛТАТА		h index: 36 Цитраност: 4109 (30. јун 2019)
МЕЂУНАРОДНА РЕПУТАЦИЈА	ГОСТ УРЕДНИК МЕЂУНАРОДНОГ ЧАСОПИСА	Допrineо уређивању многих часописа из научне области рада
	ПРЕДСЕДАВАО МЕЂУНАРОДНИМ НАУЧНИМ КОНФЕРЕНЦИЈАМА	• Члан организационог и научног одбора European Veterinary Dental Congress у Ljubljana Slovenia, 2005, à Cambridge UK 2006, Den Hague the Netherlands 2007, Uppsala Sweden 2008 • Члан организационог и научног одбора 18th Annual Scientific Meeting of the European College of Veterinary Surgeons, Nantes, 2009 • Члан организационог и научног одбора Конгреса BIOCERAMICS 20, Nantes, 2007. • Члан организационог и научног одбора GRIBOI 2014 « 24th Interdisciplinary Research Conference on Injectable Osteoarticular Biomaterials in Bone Augmentation Procedures », Nantes, 2014.

	ЧЛАНСТВО У УРЕЂИВАЧКИМ ОДБОРИМА МЕЂУНАРОДНИХ НАУЧНИХ ЧАСОПИСА	• Рецензент часописа Biomaterials, Acta Biomaterialia, Acta Orthopaedica • Рецензент ветеринарског часописа Veterinary Surgery, Veterinary Comparative Orthopedics and Traumatology and VCOT Open
	АУТОР МЕЂУНАРОДНЕ МОНОГРАФИЈЕ	1. Gauthier O. « Particularités de la dentisterie chez le chien âgé ». In Recommandations pratiques cliniques en gériatrie vétérinaire, Intervet - Les Editions du Point Vétérinaire, 2004 :129-134. 2. Cossu F, Gauthier O, Guintard C. Anatomie chirurgicale des principales voies d'abord utilisées en chirurgie ostéo-articulaire du chien et du chat. Editions du Point Vétérinaire, novembre 2005. 3. Gauthier O. Traitement chirurgical des otites. In : Bensignor E. Les maladies de l'oreille. Editions du Point Vétérinaire, janvier 2008, p. 183-204. 4. Gauthier O. In « Guide Recommandations en Antibiothérapie en Médecine Canine et féline ». Recommandations en antibioprophylaxie chirurgicale, p.183-187. Bonnes pratiques antibiotiques pour la gestion des ostéomyélites, arthrites septiques, maladie parodontale, p : 68-76. Bonnes pratiques antibiotiques pour la gestion des endocardites et septicémies, p : 118-124. Edité sous l'égide de Sogeval, 2010, 248 pages. 5. Bensignor E, Gauthier O, Carlotti DN. Diseases of the ear. In Ettinger SJ, Feldman EC, Coté E. Textbook of veterinary internal medicine: diseases of the dog and cat. 8th edition 2017, Chapter 237, pp 1051-1059.
НАПОМЕНА	Међународни патенти:	
	International Patent with INSERM (French Institute for Medical Research), Oniris College of Veterinary medicine and New-York University, entitled:	
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