



Management and coordination of scientific books, and list of book chapters produced by UR SIMPA

The name of the members of the research unit are underlined

Book chapters whose first and/or last author is a member of the research unit are in bold

Management and coordination of scientific books / scientific book edition in French

1. Dardé M.-L., Debourgogne A., Delhaes L., Houzé S., Morio F. (2017). Guide des méthodes et des analyses en Parasitologie Mycologie (ANOFEL). Directed by Botterel F. Elsevier Editions.
2. **Bisson C.**, Blanc A., Chousteman M., Colombier M.L., Gaultier F., Kosinski F., Lallam C. (2017). Lésions intra-osseuses et inter-radiculaires. Collection Médecine Buccale. Directed by Dridi S.M., Espace ID Editions ISBN : 978-2-36134-046-9.
3. Guide des méthodes et des analyses en Parasitologie Mycologie (ANOFEL). Edition Elsevier 2022.

Management and coordination of scientific books / scientific book edition in English

1. Lalonde R. (2017). The brainstem and behavior. New York: Nova Science Publishers, Lalonde R. Editor.

List of book chapters in French:

2016

1. Dournon C., Frippiat J.-P. (2016). Reproduction, développement et système immunitaire humoral de l'Amphibien *Pleurodeles waltl* en micropesanteur. Pages 176-178 in : *50 ans de coopération spatiale France-URSS/Russie : Genèse et évolutions 1966-2016*. Editeur : A. Ammar-Israël, Tessier & Ashpool Eds Paris.

2017

2. Bisson C., Bayet F., Dridi S.M. (2017). Epidémiologie et étiologie des LIO et des LIR. p22-28. In Lésions intra-osseuses et inter-radiculaires. Collection Médecine Buccale. Espace ID Editions
3. Bisson C., Pantchenko C., Dridi S.M. (2017). Les facteurs de la cicatrisation postopératoires. p141-148. In Lésions intra-osseuses et inter-radiculaires. Collection Médecine Buccale. Espace ID Editions
4. Debourgogne A., Hennequin C. (2017). Infections dues au genre *Fusarium*. Pages 72532-72540 in: EMC Biologie Médicale. Edition Elsevier.

2018

5. Debourgogne A., Moreno A. (2018). Fiche 10 Dermatophytoses. Pages 47-51 in: *Fiches Parasitoses et Mycoses des régions tempérées et tropicales*. Edition Elsevier.
6. Valéra M.C., Delfosse C., Joseph C., Hernandez M., Marie-Cousin A. (2018). Enfant malade à traiter avec risque hémorragique. In : *Fiches pratiques d'odontologie pédiatrique*. M. Muller-Bolla, Collège des enseignants en odontologie pédiatrique, CdP Editor.

2020

7. Frippiat J.-P., Taupin J.-L. (2020). Techniques d'amplification utilisées en immunologie. Pages 83-90 in : *Méthodes en Immunologie: des principes aux bonnes applications*. Seconde édition. Edité par l'Association des enseignants d'immunologie (ASSIM) et la Société Française d'Immunologie (SFI), Elsevier Masson.
8. Frippiat J.-P., Choukèr A. (2020). Le système immunitaire. Pages 181-198 in: *L'homme dans l'espace*. Gharib C., Gauquelin-Koch G., Blanc S. and Custaud M.A. editors, Autoedition by BOD publishing.

2021

9. Vermeulen P., Debourgogne A. (2021). Infections à *Fusarium*. Pages 44963-44970 in: EMC Maladies Infectieuses. Edition Elsevier.

2022

10. Foulet F., Debourgogne A. (2022). Infections de la peau et des phanères. In press in : REMIC 7ème édition. Edition Lavoisier.
11. Debourgogne A., Brun S., Pihet M. Dermatophytoses. In press in : REMIC 7ème édition. Edition Lavoisier.

List of book chapters in English:

2016

1. Fonte C., Jeandel J., Kaminski S., Ghislin S., Frippiat J.-P. (2016). Gravity changes and immune cell development. Pages 56-57 in: *French Report to COSPAR 2016*, CNES editor, Paris.
2. Lalonde R., Strazielle C. (2016). Swimming anomalies in animals with cerebellar lesions. In: *Advances in Medicine and Biology*. Berhardt L.V. (ed). New York: Nova Science Publishers, 93: 59-68.
3. Afzal M.I., Delaunay S., Cailliez-Grimal C. (2017). Flavour formation from leucine by Lactic Acid Bacteria (LAB) CAB International. Pages 234-243 in *The Handbook of Microbial Metabolism of Amino Acids*. J.P.F. D'Mello Editor.
4. Lalonde R. (2017). The brainstem and executive functions. In: *The brainstem and behavior*. Lalonde R. (ed). New York: Nova Science Publishers, 291-336.
5. Lalonde R. (2017). The brainstem and motor coordination. In: *The brainstem and behavior*. Lalonde R. (ed) New York: Nova Science Publishers, 85-104.
6. Lalonde R., Strazielle C. (2017). 5-Hydroxy-tryptamine (5-HT) related therapy in neurological diseases. In: *Serotonin and melatonin: their functional role in plants, food, phytomedicine, and human health*. GA Ravishankar, A Ramakrishna (editors). Boca Raton, Florida: CRC Press, 359-372.
7. Strazielle C., Hernandez C. (2017). The brainstem and oral sensori-motor functions In: *The Brainstem and behavior*. New-York Nova Publishers. Lalonde R. editor.

2018

8. Fukuchi K., Yang J., Kou J., Song M., Lalonde R., Planque S.A., Paul S. (2018). Prophylactic and therapeutic applications of catalytic immunoglobulin gene delivery in a mouse model of Alzheimer's disease. Pages 139-161 in *Gene therapy in neurological disorders*. Li M., BJ Snider B.J. (editors) Cambridge MA Academic Press.

2019

9. Frippiat J.-P. (2019). Space Exploration and Travel, Future Technologies for Inflight Monitoring and Diagnostic. Pages 471 to 484 in: *Global Virology III: Virology in the 21st Century*. Edited by Shapshak, P., Balaji, S., Kanguane, P., Chiappelli, F., Somboonwit, C., Menezes, L.J. and Sinnott, J.T., Springer.
10. Jeandel J., Fonte C., Calcagno G., Bonnefoy J., Ghislin S., Kaminski S., Frippiat J.-P. (2019). Spaceflight-associated immune system modifications. 17 pages in: *Beyond LEO - Human Health Issues for Deep Space Exploration*. Edited par R.J. Reynolds, IntechOpen.

2020

11. Choukèr A., Baatout S., Campolongo P., Frippiat J.-P., Gopalakrishnan J., Kaufmann I., Montano N., Praun S., de Quervain D., Rozenendaal B., Schelling G., Thiel M., Thieme D., Viola A., Buchheim J.I., Salam A., Gua A. (2020). Entering a New Era of Holistic Research in Establishing Groundwork for Future Human Space Exploration: Perspectives from the ESA-Topical Team "Stress and Immunity". Pages 9 to 15 in: *Stress challenges and immunity in space*. Second edition. Edited by A. Choukèr, Springer.
12. Fonte C., Frippiat J.-P. (2020). B-cell Immunology in Space. Pages 277 to 286 in: *Stress challenges and immunity in space*. Second edition. Edited by A. Choukèr, Springer.
13. Frippiat J.-P., Ponomarev S., Heer M., Crucian B., Choukèr A. (2020). Preventive and Therapeutic Strategies to Counter Immune System Dysfunctioning During Spaceflight. Pages 555 to 561 in: *Stress challenges and immunity in space*. Second edition. Edited by A. Choukèr, Springer.
14. Gaignier F., Legrand-Frossi C., Stragier E., Mathiot J., Merlin J.-L., Cohen-Salmon C., Lanfumey L., Frippiat J.-P. (2020). A model of chronic exposure to unpredictable mild socio-environmental stressors replicates some spaceflight-induced immunological changes. 23 pages in: *Prime Archives in Physiology*. Edited by P. Waliszewski, Vide Leaf.
15. Le T.T., Ropars A., Sundaresan A., Crucian B., Choukèr A., Frippiat J.-P. (2020). Pharmacological countermeasures to spaceflight-induced alterations of the immune system. Pages 637 to 657 in: *Stress challenges and immunity in space*. Second edition. Edited by A. Choukèr, Springer.