

PROGRAMME S1

UE TRANSVERSALE 1

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| BDR | Généralités reprod. | | | | | | | |
| | Mitose et Méiose | | | | | | | |
| | Spermatogénèse | | | | | | | |
| | AGF-OvoG et Folliculo | | | | | | | |
| | Étapes clés Fécondat. | | | | | | | |
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| BIOCELL | Introduction | | | | | | | |
| | Méthode Etude Cell. | | | | | | | |
| | Cycle cellulaire | | | | | | | |
| | Mort cellulaire | | | | | | | |
| | Signalisation Cell. | | | | | | | |
| | Compartiments memb | | | | | | | |
| | Orga noyau + Epig | | | | | | | |
| | Epigénétique | | | | | | | |
| | Sénes + Vieil + Cancer | | | | | | | |
| | Sénescence cellulaire | | | | | | | |
| | Cytosqu + Divi cell. | | | | | | | |
| | | | | | | | | |
| BIOMOL | Module 1 | | | | | | | |
| | Module 2.1 | | | | | | | |
| | Module 2.2 | | | | | | | |
| | Module 2.3 | | | | | | | |
| | Module 3 | | | | | | | |
| | Hérédité, muta, évol | | | | | | | |

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| GENETIQUE | Introduction | | | | | | | |
| | Principes de biomol | | | | | | | |
| | Caryotype | | | | | | | |
| | Techni cytogénétique | | | | | | | |
| | Séqu / PCR / Clonage | | | | | | | |
| | Séqu Haut Débit : NGS | | | | | | | |
| | DPNI | | | | | | | |
| | Ethique et génétique | | | | | | | |
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| PHARMACO | Histoire du médic. | | | | | | | |
| | Cibles et mécanismes | | | | | | | |
| | Dév. cliniq + Pré-cliniq | | | | | | | |
| | Production des médi | | | | | | | |
| | Structures de régul | | | | | | | |
| | Phcocinétique 1 | | | | | | | |
| | Phcocinétiq 2 | | | | | | | |
| | Phcodynamie | | | | | | | |
| | Iatrogénèse | | | | | | | |
| | Aspects sociétaux/éco | | | | | | | |
| | Evaluation + Phcovigil. | | | | | | | |
| | Pharmaco-épidémio. | | | | | | | |
| | Rapport B/R | | | | | | | |
| | Bon usage des médic | | | | | | | |
| | | | | | | | | |
| ETHIQUE | Ethique norm. et app. | | | | | | | |
| | H. face à la fin de vie | | | | | | | |
| | Soins à la personne | | | | | | | |
| | Incertitude en méd | | | | | | | |
| | Ethi. méd d'hier à ajd | | | | | | | |
| | Secret professionnel | | | | | | | |

UE TRANSVERSALE 2

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| HISTOLOGIE | Prépa tissu + Epithél. | | | | | | | |
| | T. Musculaire 1 | | | | | | | |
| | T. Conjonctifs | | | | | | | |
| | T. Osseux | | | | | | | |
| | T. Cartilagineux | | | | | | | |
| | T. Musculaire 2 | | | | | | | |
| | T. Nerveux | | | | | | | |
| | | | | | | | | |
| EMBRYO | Introduction | | | | | | | |
| | Semaine 1 | | | | | | | |
| | Semaine 2 | | | | | | | |
| | Semaine 3 | | | | | | | |
| | Epiblaste 2ndaire | | | | | | | |
| | Mésoblaste | | | | | | | |
| | Entoblaste | | | | | | | |
| | Annexes | | | | | | | |
| | Intro Semaine 4 | | | | | | | |
| | Semaine 4+Délimitat. | | | | | | | |
| | 3mois -> Délivrance | | | | | | | |
| | | | | | | | | |
| BIOPHY | Concentr. et solutions | | | | | | | |
| | L'osmose | | | | | | | |
| | Moles et osmoles | | | | | | | |
| | Propriétés colligatives | | | | | | | |
| | L'eau | | | | | | | |
| | Biophy Circu | | | | | | | |
| | Biophy Circu Pratiques | | | | | | | |
| | Biophy Cardiaque 1 | | | | | | | |
| | Diffusion et passages transmembranaires | | | | | | | |
| | Biophy Cardiaque 2 | | | | | | | |

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| PHYSIO | Métabo. Energétique | | | | | | | |
| | Fonctionn. organisme | | | | | | | |
| | Transferts transmemb | | | | | | | |
| | Flux transépithéliaux | | | | | | | |
| | Compartiments | | | | | | | |
| | Pot. chimique | | | | | | | |
| | Pot. électrique | | | | | | | |
| | Pot. neuronal | | | | | | | |
| | Echanges osmolaires memb idéale | | | | | | | |
| | Canaux ioni+transp+ Pot. repos | | | | | | | |
| | Pot. cardiaque + ECG | | | | | | | |
| | Muscle strié et lisse | | | | | | | |
| | Eq. Acido-Basique | | | | | | | |
| | Homéostasie | | | | | | | |
| | | | | | | | | |
| BIOCHIMIE | Intro + AA + prot | | | | | | | |
| | Glucides | | | | | | | |
| | Lipides | | | | | | | |
| | Bioénergétique | | | | | | | |
| | Enzymo 1 | | | | | | | |
| | GL et interconversion | | | | | | | |
| | Enzymo 2 | | | | | | | |
| | Concepts/Dig/Abs | | | | | | | |
| | Transport et stock lip | | | | | | | |
| | Devenir des nutrim | | | | | | | |
| | Lipolyse B-Ox | | | | | | | |
| | LipoG, synthèse lip | | | | | | | |
| | Catabo des AA | | | | | | | |
| | PDH + Krebs | | | | | | | |
| | Métab + coopération | | | | | | | |
| | Utilisation nutriments | | | | | | | |
| | Régulations glyc | | | | | | | |
| | Ex. Pathologies | | | | | | | |
| | CRM + ATP synthase | | | | | | | |

UE SPECIFIQUE 1

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| HISTOIRE | Découv. H. malade | | | | | | | |
| | Découv. H. sain | | | | | | | |
| | | | | | | | | |
| PHILO | Vulné, autonomie, dép, handicap | | | | | | | |
| | Epistémologie | | | | | | | |
| | Intégrité scientif. | | | | | | | |
| | Aide à la déci, corps a | | | | | | | |
| | Psycho H. malade | | | | | | | |
| | | | | | | | | |
| BIOSTAT | Intro à la métr + bio | | | | | | | |
| | Proba élém + dénom | | | | | | | |
| | Bayes+proba condi+indépend | | | | | | | |
| | Vari aléatoire/loi de proba | | | | | | | |
| | Stat' déductives | | | | | | | |
| | Stat' descriptives | | | | | | | |
| | | | | | | | | |
| STAT APPLIQUES | Algèbre + matrices | | | | | | | |
| | Essais cliniques | | | | | | | |
| | Tests diagnostiques | | | | | | | |
| | Analyse de survie | | | | | | | |
| | Epidémiologie analytique | | | | | | | |
| | Equa diff | | | | | | | |
| | Modèles multivariés | | | | | | | |

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| SANTE PUB | Prévention Dépistage | | | | | | | |
| | Protection Sociale | | | | | | | |
| | Promotion de la sant | | | | | | | |
| | Concepts en SP | | | | | | | |
| | Réseaux de santé | | | | | | | |
| | Dépenses de santé | | | | | | | |
| | Evaluation médicale | | | | | | | |
| | Sécurité sanitaire | | | | | | | |
| | Lutte contre MI | | | | | | | |
| | La médecine 4P | | | | | | | |
| | Système + institution | | | | | | | |
| | Pano de la SP europ | | | | | | | |
| | | | | | | | | |
| SANTE NUM | Introduction IA + appli | | | | | | | |
| | Méthodo en IA | | | | | | | |
| | Appli numérique aide | | | | | | | |
| | Syst. d'information | | | | | | | |
| | Interporabilité | | | | | | | |
| | Base du ttt de l'info | | | | | | | |
| | Informatizat. dossier | | | | | | | |
| | Protection données | | | | | | | |
| | Données + qualité | | | | | | | |
| | Cybersécurité | | | | | | | |
| | Médias sociaux | | | | | | | |
| | Entrepôt des données | | | | | | | |
| | Télémédecine | | | | | | | |
| | Objets connectés | | | | | | | |