



Conseil de gestion du 06 mars 2025

Projet d'accréditation Mention SANTE PUBLIQUE

Rentrée 2026

Rapporteur
Pr. Florence Canouï-Poitrine

LE PROJET

La demande d'accréditation est motivée par les échanges avec la DGESIP dans la cadre du renouvellement de la fiche RNCP MASTER Santé, fin 2024.

Le rattachement de certains parcours-types à la mention **Santé** a interpellé la DGESIP, pour qui ces parcours correspondent plus aux compétences spécifiques de la mention **Santé Publique**. Il s'agit des parcours :

- One Health
- Epidémiologie et Surveillance des Maladies Infectieuses Humaines et Animales
- Recherche en Santé Publique

Ces 2 derniers parcours sont d'ailleurs proposés en collaboration avec l'université Paris-Saclay, où ils font partie de la mention **Santé Publique**.



LE PROJET

La création d'une mention dédiée permettra une meilleure **lisibilité** des parcours-types dont les compétences sont du domaine de la **Santé Publique** : épidémiologie, biostatistique, recherche clinique et/ou interventionnelle...

Notre dossier de demande d'accréditation vise à démontrer que cette demande s'adosse à des équipes de recherche solides en **Santé Publique** : CEpiA, IMRB U955 Inserm/UPEC - Epidémiologie du vieillissement, Epiderme, UR UPEC - pharmaco-épidémiologie, EpiMIM EnVA ANSES – Epidémiologie des Maladies Infectieuses Multi-Hôtes, DYNAMIC, UR UPEC – Dynamique des interactions hôtes/pathogène.

Enfin, notons que les indicateurs de Santé Publique du Val-de-Marne et de la Seine-et-Marne sont défavorables : la demande d'accréditation apparaît cohérente avec les besoins de notre territoire.





CONSEIL DE GESTION DE LA FACULTE DE SANTE

06/03/2025

- 1 création
- 1 renouvellement de DU avec modifications
- 3 renouvellements sans modifications
- Tarifs des diplômes ouverts à la formation continue

CREATION

| CU /DU /DIU | INTITULÉ DE LA FORMATION/ porteurs | OBJECTIFS | TARIFS frais de formation | Modèle |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| DU | <p>Cellule Prévention de la Désinsertion Professionnelle (structuration, organisation, missions) et maintien en emploi</p> <p>Karine GROS</p> | <p><u>Objectifs DU :</u></p> <ul style="list-style-type: none"> • Professionnaliser les entreprises et organismes publics aux enjeux de la désinsertion professionnelle et aux stratégies de maintien en emploi. • Mettre en place une méthodologie et des outils d'accompagnement des salariés en difficulté avec l'objectif de prévenir la désinsertion professionnelle. <p>DU qui s'inscrit dans la continuité d'une formation co-construite avec le service de santé de Thales</p> <p>Demandes 25/26 : Thales + BNP Paribas</p> | <p>Entreprise : 3 000€</p> <p>Autofinancement 3 000 €</p> <p>Module : 1 500€</p> <p>+250€ Frais inscription UPEC</p> | <p>150h Hybride</p> |

Renouvellement avec modifications

| CU /DU /DIU | INTITULÉ DE LA FORMATION/ porteurs | OBJECTIFS/MODIFICATIONS | TARIFS frais de formation | Modèle |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| DU | EXPLORATION ECHOGRAPHIQUE DE LA FERTILITE ET DE L'ENDOMETRIOSE : DE LA GYNECOLOGIE NORMALE A LA PATHOLOGIE Pr Edouard Lecarpentier et Dr Laetitia LAUP | <p>DU créé en 2019 116 stagiaires formés en 2024 (forte augmentation– en 2021, 37 stagiaires formés)</p> <p><u>Public cible :</u> Gynécologues, gynécologues obstétriciens, endocrinologues, sages femmes , tous titulaires d'un DU/DIU Echographie gynécologique et obstétricale.</p> <p><u>Objectifs DU :</u> Maitriser l'échographie pelvienne gynécologique et de l'infertilité.</p> <p><u>Modifications :</u> Changement de porteurs : Pr Edouard Lecarpentier et DR Laetitia LAUP</p> | Entreprise : 1 400€ Autofinancement 1 100 € +250€ Frais inscription UPEC | 90h Hybride +20h de stage |

Renouvellement sans modifications

| CU /DU /DIU | INTITULÉ DE LA FORMATION/ porteurs | OBJECTIFS | TARIFS frais de formation | Modèle |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DIU | <p>DIU de chirurgie de l'épaule et du coude</p> <p>Dr Sébastien ZILBER</p> <p>Partenaires : Société Française de chirurgie de l'épaule et du coude (SOFEC) et Universités de Montpellier, UVSQ, Rouen, Tours, Toulouse III Paul Sabatier, Nice (IULS), Université de Lorraine, Côte d'Azur, Reims Champagne-Ardenne</p> | <p>DU créé en 2001 Entre 20 et 30 stagiaires formés/an UPEC</p> <p><u>Public cible :</u> Internes en fin de formation, médecins, chefs de clinique ainsi que des chirurgiens déjà installés voulant développer leur activité sur l'épaule.</p> <p><u>Objectifs DIU :</u> Approfondissement de la pathologie traumatique et dégénérative de l'épaule et du coude</p> | <p>Entreprise : 1 000€</p> <p>Autofinancement 800€</p> <p>FI : 300€</p> <p>+250€ Frais inscription UPEC</p> | <p>60h</p> <p>présentiel</p> |

Renouvellement sans modifications

| CU /DU /DIU | INTITULÉ DE LA FORMATION/ porteurs | OBJECTIFS | TARIFS frais de formation | Modèle |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| DIU | <p>DIU D'ACTIVITÉ PHYSIQUE, NUTRITION ET SANTÉ</p> <p>Pr PORTERO</p> <p>En partenariat avec Sorbonne Université</p> <p>Pr Jean-Michel OPPERT</p> <p>Pr Stéphane HATEM</p> | <p>DIU créé en 2019</p> <p><u>Public cible :</u> médecins du sport, diététiciens, docteurs en médecine, kinésithérapeutes, médecins nutritionnistes...</p> <p><u>Objectifs DU :</u> Acquérir des connaissances actualisées concernant l'activité physique et la nutrition comme moyen de prévention et de traitement des pathologies chroniques modernes.</p> | <p>Entreprise : 1 500€</p> <p>Autofinancement 1 500 €</p> <p>+250€ Frais inscription UPEC</p> | <p>78h en présentiel</p> |

Renouvellement sans modifications

| CU /DU /DIU | INTITULÉ DE LA FORMATION/ porteurs | OBJECTIFS | TARIFS frais de formation | Modèle |
|----------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| DU | IRM en pratique clinique Pr Alain Luciani | <p>DU créé en 2003 Environ 20 stagiaires formés/an</p> <p><u>Public cible :</u> médecins radiologues désirant débuter une activité en IRM.</p> <p><u>Objectifs DU :</u></p> <ul style="list-style-type: none"> -Connaitre les bases des techniques de l'IRM et les clefs de l'interprétation de l'IRM dans tous les organes - Savoir analyser les sets d'images complets d'examens en atelier présentiel <p><u>Nouveau partenariat :</u> Mise en place d'une convention de formation avec l'université de Lomé, au Togo.</p> | <p>Entreprise : 2 000€ Autofinancement 1 000€ +250€ Frais inscription UPEC</p> | <p>62h en distanciel et 8h d'ateliers en présentiel =70h Hybride</p> |

Calendrier des instances : Commission des DU 3

| | |
|-------|------------------------------------------------------------------|
| 06/03 | • Vote en conseil de gestion de la faculté de Santé |
| 15/05 | • Instruction par la CDU |
| 25/06 | • Délibération en Commission des moyens (volet financier) |
| 30/06 | • Délibération en CFVU (volet pédagogique) |
| 04/07 | • Délibération finale en CA |

TARIFS des MASTERS ouverts à la formation continue

- Pas d'évolution tarifaire
 - MASTER 1 : 4 980€
 - MASTER 2 : 6 300€
 - MASTER 2 mis en place en 24/25 : 5 800€

Présentation des tarifs des diplômes ouverts à la formation continue

| | Mention | Parcours | TARIFS FC à valider CA MARS 2025 |
|------------|--------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------|
| DPT MASTER | MASTER 1 SANTÉ | ONE HEALTH | 4 980 € |
| DPT MASTER | MASTER 1 SANTÉ | parcours recherche, gestion de projets et pratiques professionnelles en ergothérapie (RG3PE) | 4 980 € |
| DPT MASTER | MASTER 1 BIOLOGIE- SANTÉ | immunité, Infection, Immunothérapie | 4 980 € |
| DPT MASTER | MASTER 1 BIOLOGIE- SANTÉ | Biothérapies Tissulaires, Cellulaires et Génique | 4 980 € |

Présentation des tarifs des diplômes ouverts à la formation continue

| | Mention | Parcours | TARIFS FC à valider CA MARS 2025 |
|-------------|--------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| DPT MASTER | MASTER 2 SANTÉ | GESTION DES RISQUES ASSOCIÉS AUX SOINS | 6 300 € |
| DPT MASTER | MASTER 2 SANTÉ | MEDECINE PALLIATIVE : CLINIQUE, SOINS, PEDAGOGIE, MANAGEMENT | 2 800 € |
| DPT MASTER | MASTER 2 SANTÉ | parcours recherche, gestion de projets et pratiques professionnelles en ergothérapie (RG3PE) | 6 300 € |
| DPT PARAMED | MASTER 2 SANTÉ | PAS-CAL (PRATIQUES AVANCEES EN SOINS ET EN ONCOLOGIE) | 5 000 € |
| DPT MASTER | MASTER 2 SANTÉ | FINS DE VIE ET MEDECINE PALLIATIVE | 2 800 € |
| DPT MASTER | MASTER 2 SANTÉ | RECHERCHE EN SANTE PUBLIQUE | 6 300 € |
| DPT MASTER | MASTER 2 SANTÉ | EPIDÉMIOLOGIE ET SURVEILLANCE DES MALADIES INFECTIEUSES HUMAINES ET ANIMALES (ESMIHA) | 6 300 € |
| DPT MASTER | MASTER 2 BIOLOGIE- SANTÉ | IMMUNO INFECTIEUX (ouverture rentrée 24/25) | 5 800 € |
| DPT MASTER | MASTER 2 BIOLOGIE- SANTÉ | BIOLOGIE, PHYSIOPATHOLOGIE, PHARMACOLOGIE DU COEUR ET DE LA CIRCULATION BIOCOEUR | 6 300 € |

Présentation des tarifs des diplômes ouverts à la formation continue

| | Mention | Parcours | TARIFS FC à valider CA MARS 2025 |
|------------|----------------------------|------------------------------------------------------------------------|----------------------------------------|
| DPT MASTER | MASTER 2 BIOLOGIE-SANTÉ | SCIENCES CHIRURGICALES | 6 300 € |
| DPT MASTER | MASTER 2 BIOLOGIE-SANTÉ | BIO-INGENIERIE POUR LA SANTE (MBIOS) | 6 300 € |
| DPT MASTER | MASTER 2 BIOLOGIE-SANTÉ | BIOLOGIE, PHYSIOPATHOLOGIE, PHARMACOLOGIE DE LA RESPIRATION ET SOMMEIL | 6 300 € |
| DPT MASTER | MASTER 2 BIOLOGIE-SANTÉ | BIOTHERAPIES TISSULAIRES, CELLULAIRES ET GENIQUES (BTCG) | 6 300 € |
| DPT MASTER | MASTER 2 BIOLOGIE-SANTÉ | IMMUNOLOGIE | 6 300 € |
| DPT MASTER | MASTER 2 BIOLOGIE-SANTÉ | NEUROSCIENCES DU MOUVEMENT | 6 300 € |
| DPT MASTER | MASTER 2 BIOLOGIE-SANTÉ | TOXICOLOGIE ENVIRONNEMENT SANTE | 6 300 € |

Présentation de la grille tarifaire des diplômes des études médicales ouverts à la formation continue

| Parcours | Volume d'heures de cours (hors stages) | Taux horaire | TARIFS FORMATION CONTINUE |
|----------|-----------------------------------------|--------------|---------------------------|
| DFGSM2 | 460 | 12€/h | 5 520 € |
| DFGSM3 | 496 | 12€/h | 5 952 € |
| DFASM1 | 170 | 12€/h | 2 040 € |
| DFASM2 | 132 | 12€/h | 1 584 € |
| DFASM3 | 55 | 12€/h | 660 € |

Merci pour votre attention !

<http://sante.u-pec.fr/formation-continue/certificats-du-et-diu>



FACULTÉ
DE SANTÉ



IMRB



INSTITUT MONDOR
DE RECHERCHE
BIOMÉDICALE

Point HCERES Vague E - IMRB

Conseil de gestion - 6 mars 2025

IMRB

| IMRB | Note | Comments/ Weaknesses |
|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scientific objectives | Outstanding | Impressive scientific output, Considerable potential for socio economic valorisation Excellent network of collaboration Unclear whether the 19 clinical research programs funded by the APHP, totaling 5 M€, also contribute to the IMRB efforts |
| Unit ressources | Outstanding | Outstanding external funding |
| Functioning | Outstanding | Excellent management Falls short of the goal of gender parity |
| Attractiveness | Excellent to Outstanding | Lacks international visibility and identifiable identity Some core facilities suffered from a lack of staff |
| Scientific Production | Outstanding | Exceptional international visibility Confusion between publications CIC/IMRB |
| Contribution to society | Excellent | It appears a problem of visibility for some non-principal investigators. Each one should be engaged in nonacademic interaction. |

IMRB Trajectory

| IMRB | Note | Comments/ Weaknesses |
|------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scientific objectives | ambitious | <p>Very promising by meeting critical health challenges</p> <p>There should be a clear strategy for recruiting junior scientist with the goal of building new teams within the new scientific perimeter of the IMRB</p> |
| 3 independent Units | | <p>EPIDERME team adds a valuable string to the IMRB's bow</p> <p>Integration of the two other two teams needs to be carefully monitored</p> |
| Governance | excellent | |
| Recommendations | | <p>Strengthen communication</p> <p>Increase awareness and provide targeted training for team managers</p> <p>In light of core facilities, increasing number of technicians and engineers could improve innovation</p> <p>Collaboration between the new grant office, the direction, senior PI and young applicants could be a key of success</p> <p>To share scientific knowledge with the general public, PhD students, post-doc and ITA's could be promoted leaders in this field.</p> |

IMRB teams summary

| IMRB | Teams |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outstanding (7) | F. Pirenne to P Bartolucci S. Bastuji-Garin to F. Canoui-Poitrine G Derumeaux Y. Lévy to V. Godot M. Leboyer to S. Jamain JM. Pawlotsky F. Relaix |
| Excellent to outstanding (4) | J. Cohen B. Ghaleh S. Lanone E. Sbidian |
| Excellent (5) | B. Louis to A. Mekontso-Dessap P. Gaulard to N. Ortonne AC. Bachou-Levi to P. Remy D. Sahali to team P. Bartolucci F. Botterel to team JP. Pawlotsky |
| Very good (1) | F. Vacherot to team Boissonnas |

Teams

| Team Pirenne to Bartolucci | Note | Comments/ Weaknesses |
|-----------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Report | Outstanding | Grants were raised by the team leader 20 Masters students but only seven PhD students |
| Trajectory | excellent | |
| Recommendations | | Should recruit permanent basic scientist Should welcome more PhD students. |
| Team Bastuji to Canoui | Note | Comments/ Weaknesses |
| Report | Outstanding | Lack of a Full-Time Tenured Researcher No European project led as principal investigator |
| Trajectory | gradually transitioning | |
| Recommendations | | Need for Expanded International Development Emphasis should be placed on securing funding by taking leadership roles in international projects |

Teams

| Team Cohen | Note | Comments/ Weaknesses |
|------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Report | Excellent to Outstanding | Lacks a sufficient number of full-time researchers Low number of publications in high-profile scientific journals No European or international grants were secured |
| Trajectory | consistent | |
| Recommendations | | Crucial to reinforce the basic science aspect Increasing the quality and number of publications in top journals Securing additional funding should be a key objective More effort to communication and public outreach |
| Team Derumeaux | Note | Comments/ Weaknesses |
| Report | Outstanding | Only few collaborations with industrial partners |
| Trajectory | very clear | Integration of new research groups (Kidney aging and skin aging) will bring new expertise and facilitates new collaboration within the SENCODE team but also within IRMB |
| Recommendations | | Encourage the recruitment of researchers to act as the interface between PIs and students/post-docs especially in the groups of Kidney aging and skin aging |

Teams

| Team Ghaleh | Note | Comments/ Weaknesses |
|------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Report | Excellent to Outstanding | The team has not yet secured leadership of a European project Molecular and cellular approaches need to be further developed |
| Trajectory | Well managed | |
| Recommendations | | An effort should be done to maintain large animal expertise within the group in regard of the ageing of the technical staff |

| Team Levy | Note | Comments/ Weaknesses |
|------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Report | Outstanding | Highly dependent on the global policy The attractiveness for young researchers is low, which raises concerns about the medium-term future of the team |
| Trajectory | perfectly aligned | |
| Recommendations | | Make real efforts to attract young principal investigators (PIs), researchers, and students PhD students and postdoctoral researchers should be the first authors on publications. |

Teams

| Team Leboyer | Note | Comments/ Weaknesses |
|------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Report | Outstanding | <p>Two different scientific campuses: IMRB in Créteil and the CEA Saclay Campus.</p> <p>Only one woman as a group leader</p> <p>Not coordinated any European grant</p> |
| Trajectory | compelling | |
| Recommendations | | <p>Pursue its effort to be located in the same location, wherever possible</p> <p>Improve parity among its group leaders</p> |
| Team Lanone | Note | Comments/ Weaknesses |
| Report | Excellent to Outstanding | <p>Lacks support staff, in particular engineers</p> <p>Lack of post-doctoral fellow's recruitment</p> <p>Translational approaches are not enough developed</p> |
| Trajectory | consistent | |
| Recommendations | | <p>Make an effort towards publishing more in generalist journals</p> <p>Help to develop experimental and translational research</p> |

Teams

| Team Louis to Mekontso | Note | Comments/ Weaknesses |
|-------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Report | excellent | The project does not include any plans of applying for European and/or international funding at least for the next contract period Scientific exchanges between basic scientists and intensive care specialists should be encouraged |
| Trajectory | | |
| Recommendations | | Re-inforce the interactions between basic scientists and clinicians Promote grant applications Recruiting new postdocs |
| Team Ortonne | Note | Comments/ Weaknesses |
| Report | Excellent | Descriptive studies in mouse models, on sample cohorts to clinical trials. Should strengthen/develop national/international collaborations to apply for national and European grants as team leaders Original research articles with team members as last-authors is low for international standards (20%) in comparison to the one published as partners Faces challenges due to the absence of permanent full-time researchers |
| Trajectory | logical progression | |
| Recommendations | | Crucial to recruit full-time young researchers, i.e. PhDs and enhancing their national and international collaborations to secure additional grants Establish a clear valorization strategy for the next term |

Teams

| Team Pawlotsky | Note | Comments/ Weaknesses |
|------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Report | Outstanding | No weaknesses |
| Trajectory | | Close attention must be given to the integration of the team Dynamic |
| Recommendations | | Apply to EU and other international calls Women are less represented in the team (PIs) and need to be further supported. |

| Team Bachou to Remy | Note | Comments/ Weaknesses |
|----------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Report | Excellent | Multiplicity of affiliations makes it challenging to clearly identify each member's contributions Quality of the journals could be improved Broader involvement from the team would be necessary to stabilize funding over the long term |
| Trajectory | consistent | |
| Recommendations | | Needed on the strategy for securing new funding Human resources requires attention |

Teams

| Team Relaix | Note | Comments/ Weaknesses |
|------------------------|--------------------------------|------------------------------------------------------------------------------------------------------|
| Report | Outstanding | Localization of the team on four different sites Need for more supporting staff, Lack of space |
| Trajectory | convincing and coherent | |
| Recommendations | | Continue |

| Team Sahali | Note | Comments/ Weaknesses |
|------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Report | Excellent | Funding for preclinical studies were limited. No ANR/PIA/European supports publications in generalist journals are lacking No implication of team members in 1) administrative and collective duties, 2) European or international consortia |
| Trajectory | Not relevant | |
| Recommendations | | Is recommended to further explore mechanisms of increased oxidative stress and mitochondrial dysfunction triggering autophagy |

Teams

| Team Botterel | Note | Comments/ Weaknesses |
|------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Report | excellent | The link between the three objectives remains somewhat unclear Proportion of articles with team members as last authors is quite low (23%) Absence of permanent full-time researchers |
| Trajectory | Not relevant | Split of the Dynamyc team into two groups makes perfect sense |
| Recommendations | | Little information regarding future plans to build cohesion in the new team. |

| Team Vacherot | Note | Comments/ Weaknesses |
|------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Report | Very good | Team is small, with teaching and clinical responsibilities Publication activity is reasonable Level of funding is limited |
| Trajectory | ambitious | |
| Recommendations | | Showcase their skills and develop their own projects within this larger group |

Teams

| Team Sbidian | Note | Comments/ Weaknesses |
|------------------------|---------------------------------|------------------------------------------------------------------------------|
| Report | Excellent to outstanding | Team location is a weakness Failed to obtain European grants as PI so far |
| Trajectory | recently strengthened | |
| Recommendations | | Apply for competitive European research calls |