

CALL FOR ABSTRACTS & REGISTRATION



European Association of fish Pathologists (EAFP) UK & Ireland Branch – 4th Meeting
14th – 15th September 2022

Weymouth & Portland National Sailing Academy

Organised by Cefas, Weymouth

Deadline for Registration (standard rates*): Friday 26 August.

Standard Registration rates

Type of registration	EAFP member rate	Non-member rate
Student	85	107
Regular	110	154

Please register at Eventbrite. [Eventbrite - Edit EAFP UK & Ireland Branch – 4th Meeting](#)

Registration covers the costs of attendance for both days, coffees and refreshments, bus transport from Weymouth town centre to the meeting venue and a meal at the conference centre in the evening on the 14th September. Day rates may also be available for sale the week before the event, dependent on available capacity.

¹An additional £20 will need to be paid for any registrations after this date. Assuming the event is not oversubscribed

²EAFP members will be those registered on the EAFP database, or newly joined or renewed their membership by 13 September 2022. See [EAFP Membership - EAFP](#) Membership fees for 2022-2023 are: £44.00 (Regular), £22.00 (Student), and £345.00 (Sustaining membership). Please supply your membership number when signing up for these options. As we have not been able to arrange renewals till now, it is not a condition that those who are existing members to have to have paid for 2022-2023 at registration. Just that they are listed on the EAFP members database.

Deadline for Abstracts: Friday 5th August 2022



EXAMPLE ABSTRACT

Metagenomic characterisation of the cleaner fish microbiome

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Introduction: The global salmon farming industry has been blighted by sea lice infections, costing the industry €300 million a year. Cleaner fish, namely Ballan wrasse and lumpsuckers, are deployed to salmon farms to eat the lice off the salmon, this has proved an effective strategy for reducing the disease burden. The use of wild caught cleaner fish is unsustainable and there is the risk of spreading infection to salmon farms, hence significant investment is needed to develop farming practices for cleaner fish. Cleaner fish species are relatively new to aquaculture so research is critically needed to improve their health status, pre- and post-deployment to salmon farms. The fish microbiome plays an important role in the protection against pathogens, the development of the immune response and the overall health of the animal. This project aims to characterise the composition and functionality of the cleaner fish microbiome. Wild Ballan wrasse were caught from the south-west coast of England, DNA was extracted from the gut wall and the gut contents, to characterise the adherent and non-adherent microbiome, respectively. The DNA was sequenced using shotgun metagenomics and the reads were taxonomically classified using a dedicated software package, Centrifuge.

Results: The gut microbiome is dominated by Proteobacteria, followed by Firmicutes and Bacteroidetes and the microbiome is well conserved between individual fish, down to the species level. This points to an important conserved functionality, and the specific functions of the wrasse microbiome will be elucidated in the next phase of work.

Conclusion: Future work will focus on characterising the microbiome in the early life stages of cleaner fish, including eggs, fry and juveniles. Understanding the microbiome will allow the development of dietary and probiotic interventions to improve the health status and effectiveness of farmed cleaner fish, helping to tackle sea lice infections in salmon farms.

Getting to Weymouth and Portland National Sailing Academy (WPNSA)

It is hoped there will be a dedicated bus laid on for travel to and from the conference venue each day from the centre of Weymouth, but otherwise it is otherwise still easily accessible.

By Car

The car park nearest to the building has six blue badge holder spaces and there is flat access from the car park to the building. The postcode for satnav is DT5 1SA.

By Bus

The local buses are run by First Bus. The 501 route stops outside of WPNSA; however, this is currently a limited summer service. The nearest bus stop for when the 501 route is not running is at Victoria Square which is 0.6 miles away and is the number 1 route. There are not any hills on the journey from Victoria Square to the Academy.

First Bus accessibility information: <https://www.firstgroup.com/bus-accessibility>

First Bus Customer Services: 0345 646 0707

By Taxi

The following taxi firms are able to provide accessible vehicles:

Weyline Taxis, Weymouth 01305 777777 <http://www.weyline.com/>

Steves Cabs Weymouth 07791 534415

Accommodation

There are many hotels and guest houses available in Weymouth. The list below may serve as a useful starting point though.

NAME & ADDRESS	TEL No. prefix +44 (0)1305	WEB SITE & EMAIL ADDRESS
Harbour House 3 Belle Vue Weymouth Dorset DT4 8DR	787721	www.harbourhouseweymouth.co.uk info@harbourhouseweymouth.co.uk
Old Harbour View B & B 12 Trinity Road Weymouth Dorset DT4 8JT	07974 422241 774633	www.oldharbourviewweymouth.co.uk info@oldharbourview.co.uk
The Monarch House 13, East street Weymouth Dorset DT4 8BW	772594	www.themonarchhouse.co.uk host@themonarchhouse.co.uk
The Hotel Rex 29/30 The Esplanade Weymouth Dorset DT4 8DN	760400	www.kingshotels.co.uk/hotels/hotel-rex rex@kingshotels.co.uk
B+B Weymouth 68 The Esplanade Weymouth Dorset DT4 7AA	761190	https://www.bb-weymouth.com info@bb-weymouth.com
Channel Hotel 93 The Esplanade Weymouth Dorset DT4 7AY	785405	www.channelhotel.co.uk stay@channelhotel.co.uk
Hotel Prince Regent 139 The Esplanade Weymouth Dorset DT4 7NR	771313 01803 201432	www.princeregentweymouth.co.uk info@princeregentweymouth.co.uk
Rembrandt Hotel 12-18 Dorchester Road Weymouth Dorset DT4 7JU	764000	www.hotelrembrandt.co.uk reception@hotelrembrandt.co.uk
Premier Inn Weymouth Lodmoor Country Park Weymouth Dorset DT4 7SX	08715 279158	http://www.premierinn.com/en/hotel/WEYLOD/weymouth
The Heights Hotel Yeates Road Isle of Portland Dorset DT5 2EN	821361	www.heightshotel.com reception@heightshotel.com