

PD-HSMI-CMS

The advancement of Knowledge 2008-2012

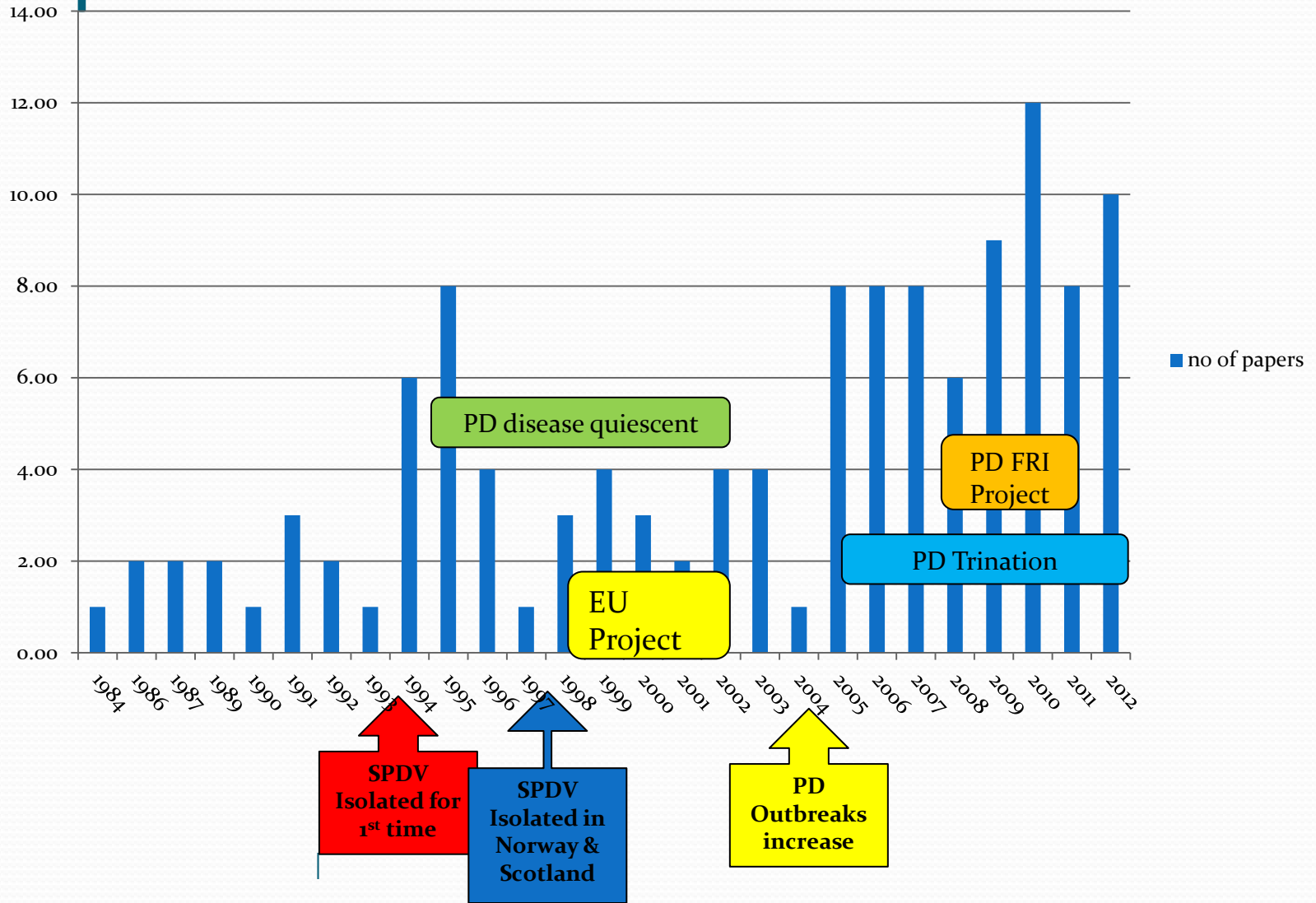
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12th PD Trination meeting, Edinburgh 2012

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Number of PD/SD/SAV published papers 1984-2012



No. of PD, HSMI & CMS papers 2008-2012

Year	PD & SAV	HSMI & PRV	CMS & PMV
2008	6	0	0
2009	9	2	2
2010	12	2	1
2011	8	1	3
2012	10	6	3
Total	45	11	9

Topics covered PD

- Transmission pathways – HORIZONTAL
- Heritability
- Viral persistence
- Hydrodynamics of spread
- Risk factors
- Diagnostic test evaluation
- Fillet quality
- Vaccine development and effect
- PD-Fri Project Report

Topics covered SAV

- Existence of SAV subtypes
- Geographical distribution of SAV subtypes
- Comparative pathogenesis of SAV Subtypes
- SAV shedding mechanisms
- Cultural characteristics
- Molecular epidemiology of SAV 3
- Emergence of SAV 2 in Norway
- SAV 5 in Marine wild fish (DAB)
- Immunological studies

Topics of HSMI & PRV

- Experimental transmission studies
- Identification of PRV and its link to HSMI
- Immunohistochemical studies of PRV & HSMI
- Pathology of HSMI heart lesions
- Clinical biochemistry of HSMI
- Prevalence of PRV in Norway
- Effect of diet on HSMI
- Transmission pathways
- Development of RT-PCR test

Topics covered in CMS & PMV

- Experimental transmission in Scotland & Norway
- Identification of Piscine myocarditis virus (Totivirus)
- Characterisation of CMS heart lesions
- Development of RT-PCR test
- Clinical biochemistry of CMS

GAPS- my thoughts

- Effect of sequential or concurrent viral infections?
- Immunology of SAV & other viral infections
- Combination vaccines & virus vaccinology
- Dietary impacts & amelioration
- Do sea lice spread or carry SAV?
- Marine reservoirs?
- Risk factors
- Immunohistochemistry of SAV
- ELISA test development
- Duplex or Multiplex RT-PCR tests
- Evaluation of non-lethal surveillance/diagnostic methods

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