



# ***Funding Paget's Research & Educational Awards***

- Grants***
- Student Bursaries***
- Research Prizes***
- Educational Awards***

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## About the Paget's Association

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- As the only UK charity to focus solely on Paget's Disease of Bone in adults, the Paget's Association funds and encourages quality research projects and provides educational awards
- The Association also offers support and information to those affected by Paget's disease and raises awareness of the condition
- Research is important to members of the Paget's Association, many of whom suffer from the effects of Paget's disease
- **Free membership of the Association is available to professionals (see page 10)**



## Paget's Disease of Bone

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- In the UK, Paget's Disease of Bone (PDB) is the second most common metabolic bone disease after osteoporosis
- It is characterised by focal abnormalities in bone remodelling at one (monostotic) or several (polyostotic) skeletal sites
- Almost any bone can be affected, but there is a predilection for the pelvis, spine, femur, tibia, and skull
- The risk of developing the condition approximately doubles in incidence each decade after the age of 50 years
- More common in males, it has been estimated to affect as many as 1% of people over the age of 55 years in the UK

# Research Priorities

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The Association will consider funding for research into any aspect of Paget's disease where there is clear patient benefit. This includes: basic scientific research, clinical research, awareness and outreach programmes. Applications from exceptional researchers outside of the field will be considered to develop new interest in the area, although such applicants are advised to contact the Paget's Association to discuss strategic fit.

Specific priorities have been informed by members and from the clinical Guideline on the Diagnosis and Management of Paget's Disease of Bone in Adults [Ralston et al. *J Bone Miner Res.* 2019 Apr; 34(4): 579-604].

Indicative areas include, but are not limited to:

- Pain in Paget's disease (e.g. mechanisms, clinical/lifestyle management)
  - Diagnosis, identification, risk assessment and improving the care pathway of Paget's disease
  - Epidemiology of Paget's disease
  - Pathogenic mechanisms (genetic, environmental) of Paget's disease and its complications
  - Defining therapeutic targets in Paget's disease
  - Early-stage/'pump-priming' studies, including as a precursor to clinical trials
- Applicants should be based in the UK
  - Applications involving investigators from multiple Paget's Association Centres of Excellence (PACE) sites are particularly encouraged
  - Our full research strategy can be found on our website, where you will also find examples of previously funded research

## Research Project Grants



The Paget's Association encourages and funds research into various aspects of Paget's disease.

- Open calls for grant applications are usually made annually
- Grants are usually awarded up to a maximum value of £60,000 each. In exceptional cases, larger awards may be considered
- Applications will be subject to a rigorous peer review process, including external peer-review
- We will consider funding partnerships with appropriate partners, including industry

We are keen that our research reaches the broadest possible audience and researchers funded by the Paget's Association are encouraged to publish in open access journals, present their work at national/international conferences, contribute to the Association's quarterly magazine, and to interact with patients and media.

**Details of current funding opportunities and deadlines for submission of applications are published on our website.**

## Student Bursaries

- **Science Students**
- **Medical Students**
- **Nurses**
- **Allied Health Professionals**

The Paget's Association offers Student Research Bursaries of £6,000 to encourage promising UK Science or Medical Students, Allied Health Professionals, and Nurses, to pursue Masters and PhD-level research into any aspect of Paget's Disease of Bone.

The Association will provide funding to support recipients in their study towards Masters (postgraduate or intercalated medical) and PhD degrees. There is flexibility for the funding to be shared between the student (stipend, up to 100%) and their institution (research costs, up to 50%).

**Please visit our website for current opportunities and examples of previous bursaries awarded.**



## Research Prizes



### Recognising exceptional published work by early-stage researchers

The Paget's Association awards research prizes of £500 to recognise exceptional published work by early-stage researchers, who are typically within 10 years of PhD/MD or equivalent qualification.

These awards help to further our understanding of Paget's disease and nurture the next generation of researchers.

## Educational Awards

By funding an annual Educational Award, the Paget's Association aims to enhance the education of healthcare professionals, patients, carers and the public regarding Paget's Disease of Bone.

- Applications are open to UK-based individuals at all levels, although applicants are encouraged to contact the Association for guidance on individual eligibility
- The value of the award will typically be up to £6,000, with flexibility for the funding to be used towards stipend, salary, and or consumables/resources
- The award can be focused on several areas including:
  - addressing educational needs for a particular client group
  - evaluating methods of delivering education
  - assessing the impact of activities on knowledge and practice
  - producing educational materials

**Examples of previous awards can be found on our website.**





# Sir James Paget

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**An English surgeon and pathologist, Sir James Paget (1814 – 1899), is best remembered for Paget’s disease and is considered to be one of the founders of scientific medical pathology. He published many articles on various aspects of pathology and surgery, and his name is associated with several other conditions as well as Paget’s Disease of Bone.**

In 1877, Dr James Paget published a paper regarding a form of chronic bone disease which he called ‘osteitis deformans’, but it would become to be known as Paget’s Disease of Bone. No one before him had recognised and studied the condition as closely as he did. The description was excellent considering the investigative techniques available to him at the time, and he taught us a great deal about the condition.

His paper described five cases, the main case being that of a man whom he had been observing for over twenty years. The patient was a 46-year-old coachman, who first visited St Bartholomew’s Hospital in 1854, suffering from pain in his lower limbs. He had the good fortune to be seen by Dr Paget, who observed that the patient’s left tibia and femur were enlarged and misshapen. No other abnormality was noted. It was a condition which he had not encountered before and he was, therefore, unable to make a diagnosis. In the years that followed, the man’s right leg also became enlarged and eventually, his legs became bowed to such an extent that he could not bring his knees together. At the same time, his skull became so large and deformed that he had to buy larger and larger hats. When the patient passed away, Dr Paget carried out a post mortem. The bones showed a dramatic aberration in the remodelling process and he thought it was inflammatory in nature, so he called it ‘osteitis deformans’. Modern-day techniques have, however, shown that the disease is not an inflammation and it is now known to be an abnormality of bone remodelling.

**You can read more by downloading the following documents from our website or by requesting copies from the Association:**

- A Biography of Sir James Paget
- A Family Legacy by Sir Julian Paget

## ***Clinical Guideline***

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Commissioned by the Paget's Association, a clinical Guideline, for the Diagnosis and Management of Paget's Disease of Bone in Adults, was published in 2019, on behalf of the Paget's Association, the European Calcified Tissue Society (ECTS), and the International Osteoporosis Foundation (IOF).

**For further information and to download the Guideline, visit the Paget's Association's website.**

### **Reference**

Ralston, S. H., Corral-Gudino, L., Cooper, C., Francis, R. M., Fraser, W. D., Gennari, L., Guañabens, N., Javaid, M. K., Layfield, R., O'Neill, T. W., Russell, R. G., Stone, M. D., Simpson, K., Wilkinson, D., Wills, R., Zillikens, M. C. and Tuck, S. P. (2019), **Diagnosis and Management of Paget's Disease of Bone in Adults: Journal of Bone Mineral Research**. Vol. 34, p 579-604.

## ***Free Professional Membership***

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Professional membership of the Paget's Association is free of charge. Join now, either online or by requesting a membership application form, using the contact details below.

We welcome both UK and overseas members.

Our membership pack includes a summary of the clinical Guideline, information booklets, copies of our magazine, Paget's Passport, information sheets on various aspects of Paget's disease and a complete list of the UK Centres of Excellence.

**For full details and a complete list of current membership benefits, please visit our website.**

# ***Educational Videos & Online Resources***

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## **YouTube**

Search **YouTube.com** for 'Paget's Association'

## **Website**

Find the Paget's Guideline, videos and other resources on our website  
**paget.org.uk**

# ***Join the Conversation***

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**Facebook**

**[www.facebook.com/PagetsAssociation](http://www.facebook.com/PagetsAssociation)**



**Twitter**

**[www.twitter.com/PagetsDisease](http://www.twitter.com/PagetsDisease)**



**Instagram**

**[www.instagram.com/pagetsassociation](http://www.instagram.com/pagetsassociation)**

The links to all our social media pages are also at the bottom of every page of our website, making it easy for you to find us!

# ***Get in Touch***

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**Award application queries: [applications@paget.org.uk](mailto:applications@paget.org.uk)**

**Clinical queries: [helpline@paget.org.uk](mailto:helpline@paget.org.uk)**

**Membership: [membership@paget.org.uk](mailto:membership@paget.org.uk)**

**For all telephone queries: 0161 799 4646**

# Paget's Association

***Funding Quality Research  
Making a Difference***

A photograph of four scientists in white lab coats working in a laboratory. One scientist in the foreground is using a pipette. The background shows laboratory equipment and other scientists. The image has a blue tint.

**Paget's Association**

**Tel: 0161 799 4646**

**[www.paget.org.uk](http://www.paget.org.uk)**

The Paget's Association is a Registered Charity no. 266071