Page 6 Figures – Draft Tiered Captions

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| **Pic** | **Minimal** | **Modest** | **Extended** |
| 6:1 | House, Bieldside | Prof Macleod’s house at Bieldside | This is an aerial photograph of the house, originally named ‘Craigievar’ that the Macleods lived on its completion in 1930. Situated at the west end of Cults, a little way above the North Deeside Road and nowadays on Cairn Road, the Macleods had a hand in planning the property with its large garden and upper gallery room from which they could view the landscape up Deeside to the mountains beyond. The front of the house, where the Professor was to spend his final years, had some resemblance to their former home in Toronto. Mrs Macleod, a talented artist, had several of her own paintings among the many artworks hung around the property where she lived until her death in 1940. One of two further senior University of Aberdeen academics to subsequently own the property, Professor AS Douglas, who was Professor of Medicine (1970-85) and himself a distinguished researcher in blood clotting, provided a copy of the photograph to the local diabetes clinic. [See also 6:9] |
| 6:2 | FP dinner | AGSFP dinner, 1930 | This is a picture of some of the company at the annual dinner of the Aberdeen Grammar School Former Pupils Club on 1st November 1930 when Professor Macleod (front left) was club president. His guest that evening, Robert Cleghorn, (not in the picture) was a lecturer in the Physiology doing research in Macleod’s department at Marischal College. Cleghorn was a native of Toronto and graduate of its university; he returned to medical practice in Canada, subsequently specialising in psychiatry. He ended his career as professor of psychiatry at McGill University in Montreal. |
| 6:3 | JJRM Last photo | Prof Macleod | This is the last known photograph of Professor Macleod taken at home in Cults not long before he died in 1935 aged only 58. Still neatly turned out in his collar, tie and three-piece suit, he has clearly aged and his hands show the characteristic swelling of his arthritis. |
| 6:4 | P&J death | P&J 18th March 1935 | This newspaper cutting from the Press & Journal of Monday, 18th March, 1935 is filed in the Aberdeen Central Library. It reports the deaths on the previous Saturday of two university professors, JJR Macleod, Professor of Physiology and A Mackenzie Stuart, Professor of Law. It is of note that the sub-heading reminds readers of Macleod’s involvement in the discovery of insulin. |
| 6:5 | P&J funeral | P&J 20th March 1935 | This headline is from another newspaper cutting in the Press & Journal filed in the Aberdeen Central Library. Dated Wednesday 20th March, 1935 it gives an account of the joint funeral for professors Macleod and Stuart held the previous day at Kings College Chapel. As well as describing the ceremony it lists the names (and affiliations where appropriate) of mourners and of those who sent floral tributes. It records that following the service, the coffins went separately for burial, Macleod’s to Allenvale Cemetery. |
| 6:6 | Gravestone | Macleod’s gravestone | Macleod’s grave is located in Allenvale Cemetery, Aberdeen – just across Great Southern Road from Duthie Park. It is on the upper terrace on the south side overlooking the River Dee, and in the 2nd row of head stones facing the river, a little way ‘upstream’ of the (locked) gate on Riverside Drive.  The stone bears a traditional medical emblem: a representation of the serpent-entwined Rod of Asclepius (Greek God of Healing). As well as recording Mrs Macleod’s burial there 5 years later, it clearly bears the message - surely unknown to the great majority of Aberdonians - that this is the grave of a Co-Discoverer of Insulin.  The paint in the lettering cut in the granite was badly weathered when, in the late 1980s, the local branch of the British Diabetic Association (now Diabetes UK) arranged for it to be restored. This picture taken in 2019 perhaps suggests that it is time for a further freshen-up.  Incidentally, five lairs to the left, is the headstone of Dr Thomas Fraser (1872 – 1951), Macleod’s medical school classmate and friend; Fraser had tried to treat diabetes with fish insulin in the early 1900s, had a distinguished 1st WW record winning the DSO, was a general practitioner in the city for many years, and was president of the British Medical Association 1939-42. |
| 6:7 | M Bliss | Professor Michael Bliss | Michael Bliss (1941 – 2017) was Professor of Canadian History in the University of Toronto. He had long been aware of the discovery of insulin in Toronto – and of the lasting controversies around it. After the last of the main players died (Charles Best, 1978) he undertook a professional historian’s detailed study of the subject unearthing many records, documents and even laboratory notebooks. He added to his information sources by interviewing surviving associates and colleagues of the principal researchers – and some of the earliest recipients of insulin who had lived for more than 50 years as a direct result of the great discovery. He was then able to piece the detailed history of what happened in Toronto in 1921-22 and put these together in his highly acclaimed best-seller, ‘The Discovery of Insulin’ first published in 1982. He followed this up in 1984 with his biography of Frederick Banting – the most intriguing character in the story who never understood how limited his own contributions were and then fell out with Macleod alleging that the professor had tried to steal his glory. Michael Bliss concluded that Banting, Best, Collip and Macleod all deserved recognition for their respective contributions to the discovery. However, he was very clear that history had been unfair to Macleod and spent the following decades to attempts to restore Macleod to his rightful place in medical history. He made three visits to Aberdeen to give lectures on Macleod. |
| 6:8 | MJ Williams & biog | DR MJ Williams – Macleod’s biographer | Dr Michael Williams is an Aberdonian who, like Macleod, attended Aberdeen Grammar School and studied Medicine at the University of Aberdeen. He became a Consultant in Diabetes at Aberdeen Royal Infirmary in 1968 and was the senior doctor in the Grampian Adult Diabetes Service for 10 years from 1984 until his retirement. Somewhat surprisingly, he first heard about Macleod and his contribution to the discovery of insulin on reading Michael Bliss’s book in 1982 – despite the fact he had studied in Macleod’s former department over 30 years before, and within 15 years of the latter’s death while Professor of Physiology at Marischal College. Dr Williams undertook several years of detailed research into Macleod in Aberdeen, London and North America. With the encouragement of Professor Bliss, he wrote a biography of Macleod, published by the Royal College of Physicians of Edinburgh in 1993. The picture shows Dr Williams and the front cover of his book. |
| 6:9 | At ‘Craigievar’ | Professor Bliss and Dr Williams at Craigievar | This picture was taken in November 2013 outside Cragievar, Macleod’s last home. Professor Bliss, on what was to be his last visit to Scotland, is on the left. The current Owner, Professor Neva Haites, and Dr Michael Williams are on the right. The commemorative plaque is shown in more detail in the next picture. |
| 6:9a | Plaque | JJR Macleod Commemorative Plaque | This is a picture showing detail of the Commemorative Plaque outside Macleod’s last home, ‘Craigievar’, in Cairn Road Cults. The plaque, installed by Aberdeen City Council, records Macleod’s achievements as a co-discoverer of insulin and a Nobel Prize winner. |
| 6:10 | JJRM Centre | JJR Macleod Centre | This is a picture of the David Anderson building situated across Foresterhill Road to the west of the main Aberdeen Royal Infirmary campus. The main regional outpatient services in diabetes, retinal screening and endocrinology relocated here in 2013 occupying most of the building. As a local tribute to Aberdeen’s insulin hero, the relevant area was formally named ‘The JJR Macleod Centre for Diabetes, Endocrinology and Metabolism’. |
| 6:10a | Plaque unveiling | Professor Bliss naming the Macleod centre | Professor Michael Bliss from Toronto, a great champion of Macleod’s achievements, was delighted to accept the invitation of the local clinical team to attend the naming ceremony at the JJR Macleod Centre. The picture shows Professor Bliss unveiling the commemorative plaque which has since been placed on the wall in the foyer of the building. |
| 6:10b | Company at above | Company attending the naming ceremony. | This picture shows the invited company who attended the naming ceremony in the foyer of the JJR Macleod Centre. It includes Chief Executive and Medical Director of NHS Grampian and representatives of administrative, dietetic, medical, nursing and podiatry staff working in the centre’s clinics. All of Aberdeen’s surviving diabetes specialists attended (plus 5 senior medical trainees who have since gone on to join the local Consultant teams); retired consultants Drs Lilian Murchison and Michael Williams are seated in the centre of the front row. |